

CE

MADE IN ITALY

VALCO®
International trademark



VALCO PRODUCTS **Pumps, Motors and Fittings**

Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
A GLOBAL, INNOVATIVE AND COMPETITIVE PUMPING AND MOTORS SOLUTION.

WATER AND PUMPS ARE ESSENTIAL FOR LIFE !

THE VALCO PROFILE

The Company was founded by Valerio Costenaro in 1976 in Marostica in the high technology region of VENETO, (Venice Region, North-east Italy). The company has flourished by the design and manufacture of an expanding range of pumps, booster sets, motors and associated fittings for their installation, built-to-order and Custom made units with a worldwide distribution.

Main Features and Advantages:

- the most complete range of pumps and motors to cover most of your pumping and motors requirements: we study, design and manufacture the Solutions to your Pumping Problems
- our pumps are made in Italy
- prompt rapid deliveries
- high technology, innovation and constant research: over 36 years longstanding experience with expertise over a century old
- process and production cycles to ISO standards with major International, Regional and National Certifications with Conformity to EU Directives, Regulations and Recommendations
- overdimensioned motors to handle voltage fluctuations; Single phase motors may be provided on request with overload motor protection, on 3 phase version the overload motor protection must be provided by the user and we can offer you our lines of control and protection panels (starters).
- special sealing arrangements with superior quality
- executions in cold pressed 304 or 316 stainless steel and cast iron, stainless steel and bronze castings for corrosion resistance and durability
- Executions Flame-proof ATEX Directive 94/9/EC for equipment intended for use in potentially explosive atmospheres Exd-IIB-T3-II-2-G. Low Voltage versions 42V AC following rules CENELEC HD 400.1 for use in installations with safety rules against electrocution.
- pumps, motors and associated fittings meeting world standards and regulations and designed and made for high efficiency and lower power consumption to save and optimize water and energy and with a full line of pumps suitable for waters for human consumption
- constant research by our PUMP & MOTOR RESEARCH CENTRE in the development of new and more advanced products. The research and development of pumping sets for customers individual requirements are carried out by our Special Pumps Division: specialty pumps built to customers' requirements.
- highly sophisticated electronic testing facilities – our Pump & Motor Test Laboratory – guarantee top quality: all units are tested before despatch – every process cycle and every finished product are tested against a number of performance parametres before being packed
- high efficiency and consequently saving of energy due to low power consumption
- a global strategy for the promptest delivery of spare parts in a competitive manner

- service covering from enquiry to after-sale all throughout the pump life.

High Value Quality Pumps and Motors.

Our Quality is the result of more than 36 years Experience made of hard daily work, deep problem understanding with solutions implemented, thorough hard conformity tests for every production phase, strict field performance tests, hard durability tests, distructive tests, ISO conformity methods and full adherence to our strict tough Standards according to the innovative worldwide tested and fully reliable Valco Quality Method®.

Service Back up and Spare Parts Supply

Committed to the Customers since 1976 with Full Customer Service and Backup Support and rapid Supply of our Genuine Spares: organized in providing the Spare Parts even after 30 years operation and with a Worldwide Network of Service Centres with Specialists trained to Valco Standards. To help our Customers in handling with flexibility and fairness any maintenance and repair problems, Spare Parts are supplied to our Customers at special low prices.

Partnership and Co-operation

Our Company Growth from the very beginning into the future is based on building of Partnerships. We believe in Partnerships and Co-operation and this ensures us a stable sound constantly innovative Manufacturing and Distribution basis with highest degree of Reliability, utmost Flexibility and high and trustworthy Production Capacity with rapid Lead times to mutual Benefit. We control all phases of the Production Cycle: from Raw materials to finished products and after-sale Service with Maintenance, Repair and Supply of our genuine Spare Parts.

We want to help our Customers to be Successful, by providing the Best Products and the Highest Service at Competitive Market Prices.

Water and Energy Resources

We care for the Full Cycle of Water with the aim of Recovering the maximum amount possible through Renewable Energy Sources and VALCO is deeply involved to contribute to a better future and we are active with our following Innovative Units:

- Valco Environmental and Renewable Energy Sources Unit for Solutions developing and using Renewable Energy Sources aware and caring for Environmental Impact and Concern: Solar, Photovoltaic, Natural and Biomass Gases.
- Valco Pumping Water Packages, Watermakers, Clean Water Safety Kits, Field Portable and Movable Units for Water Potabilization and Plants with Emergency Solutions for Water Provision also with Reverse Osmosis Systems, Techniques for Searching Underground Waters, Water Well Drilling, Water Treatment for Spunlace or Hydroentanglement and Geothermal techniques

to explore and exploit Geothermal Fluid Resources for Thermal Resorts (Spas) and for Civil, Industrial, Agricultural and Heating. We also provide consultancy, know-how, service and techniques to find water sources®.

- Valco Energy Plants for Energy production with Generating Sets, Alternators, Diesel and Gas Engines also using natural and biomass gases and Solutions for Residential, Industrial, Agricultural, Civil, Emergency and Civil Protection Uses, Solar and Photovoltaic Systems®. Water Turbines for the production of Green Energy. Where there is no electricity we provide Petrol and Diesel Motorpumps, DC Pumps, Generating Sets, Solar and Photovoltaic Systems.
- Valco Air Conditioning and Air Refrigeration Components and Technologies®.
- Valco pumps and motors training school®.

VALCO WATER and ENERGY DIVISION:

For the most efficient sustainable use of water and energy resources®.

Always at your Service with exclusive specialised distribution network supporting the customers requirements.

OUR MANUFACTURING RANGES

- SURFACE CENTRIFUGAL ELECTRIC PUMPS
- BOOSTER PRESSURIZATION SETS – PACKAGED PRESSURE UNITS and SYSTEMS
- DRAINAGE AND WASTEWATER SEWAGE NO-CLOG SUBMERSIBLE ELECTRIC PUMPS
- SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS
- FITTINGS a complete line of Fittings for Pumps and Pumping Systems
- COMPONENTS and RAW MATERIALS for PUMPS and MOTORS
- ELECTRIC MOTORS

OUR CUSTOMERS

- Pumps specialized importers • Pumps distributors and Wholesalers
- Pumps dealers • Well Drillers • Pumps installers (plumbers)
- OEM Industrial Pumps End Users • Industrial Pumps Users
- Pumps Users

We design and manufacture the most efficient, innovative and competitive pumping and motors solutions for you with flexibility and expertise, meeting your specific requirements with innovation and with trustworthy Care and Service from enquiry to installation all throughout the pump and motor life.

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SURFACE CENTRIFUGAL ELECTRIC PUMPS



Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
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WATER AND PUMPS ARE ESSENTIAL FOR LIFE !

SURFACE CENTRIFUGAL ELECTRIC PUMPS

Pump construction

Horizontal and vertical, close-coupled, single and multistage, end suction, split case, in cast iron, stainless steel, brass, bronze and thermoplastics.

Applications

Drinking potable water supply, domestic, civil, community and district water boosters, irrigation, heating, air conditioning, firefighting, sprinklers, food processing, industry, chemical, water treatment, sea water pumping.

Innovations and Specialties

- with **Variable Speed Control** with Inverters, (frequency control with modulation), for control and protection of the system, for low power consumption and energy saving according to EU energy saving rating recommendations Energy Standards Classes (to meet Kyoto Protocol recommendations), and for durability.
- built with materials following EU Directive 98/83/CE referring to waters for human consumption.
- with **Flame-proof ATEX**  following Directive 94/9/EC for equipment intended for use in potentially explosive atmospheres Eexd-IIB-T3-II-2-G and Low voltage versions for use in installations with safety rules against electrocution.
- with pump assembly and motor made to customers' requirements.

Range of Performance:

Capacity (flow rate) up to 240 m³/h - Head up to 260 m - Powers: 0,37 ÷ 75 kW

VOLTAGES

Single Phase: 230 V (on demand dual voltages and other standard and special voltages)

Three Phase: 3 kW and below 230/400 V

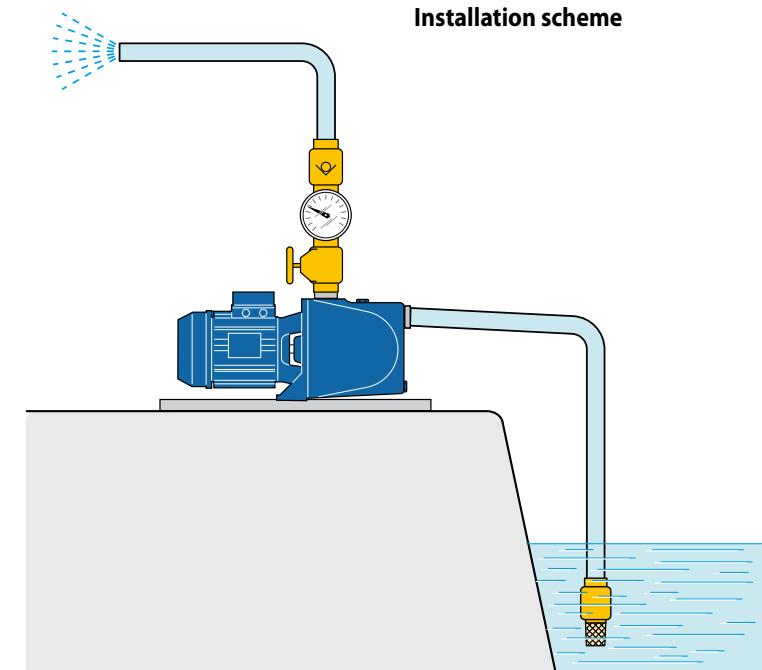
4 kW and above 400/690 V

Other voltages available on request.

Cycles

50 Hz Standard

60 Hz available all throughout the range



EFFICIENCY LEVELS FOR THREE PHASE MOTORS to IEC 60034-30 when applicable or required:

IE1 = Standard Efficiency

IE2 = High Efficiency (comparable to USA EPACT 60Hz)

IE3 = Premium Efficiency (comparable to USA "NEMA Premium 60Hz")

Ecodesign EUP Directive 2005/32/EC and Commission Regulation EC 640/2009.

PUMP RANGES

- **Conva™** - Deep Well Jet Self Priming suitable for wells with low capacity.
- **Jetdom™** - Shallow Well Jet Self Priming.
- **Irrigua™** - Centrifugal Single and Two-Stage and to DIN-EN 733-DIN 24255 flanged DIN2533 (of back pull-out design for quick and simple dismantling and reassembling for ease of Maintenance), also BareShaft versions and Split Case.
- **Casalinga™** - Peripheral Turbine with multivane impeller generating high lifts with a small power consumption.
- **Casaself™** - Self Priming Turbine Peripheral Electric Pumps.
- **Nordica™ & Buta™** - Multistage horizontal and vertical all stainless steel, high heads, silent operation.
- **Valco-Lem™** - Self priming contractors' semi-trash pumps in cast iron, bronze and stainless steel castings.
- **TLC™, UTC™ and LSC™** - Circulating Pumps also with Variable Speed Control compliant with EuP directive and meeting the provisions of Regulation No 641/2009 of European Commission requiring a drastic reduction of energy consumption of circulators as from January 1st, 2013. *Savings up to 80% less than traditional circulating pumps.*

We provide full Technical Service, Spare Parts, Assistance and Aftersale Service and Maintenance through our Valco Distributors' Network and our Valco Service Centres.

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Conva™ - DEEP WELL PACKER ELECTRIC PUMPS

Deep well jet self priming suitable for wells with low capacity.

Applications

- Where the pumps must be used: in those wells where the suction lift required is deeper than 8-9m and with water level changes and in those wells where the well water capacity is low; when a jet pump cannot be used (for lift suction deeper than 8-9m: a well with a depth to water that is constantly or periodically greater than 8-9m): this pumpset which is easy and safe has a Suction Capacity down to 50m depth (underground, as far as 50 metres below the level of the installed pump and while the pump sits aboveground !)

When these pumps must be used:

- when the submersible pump is too big for the well capacity or for the well size
- when to drill a bore is too difficult or expensive
- are ideal for supplying high pressure water from well bores to 50m depth for:
 - water transfer and supply
 - booster service
 - tank filling
 - stock watering

- sprinkler supply
- hosing down jobs
- garden watering and waterfalls and fountains

And many other applications !

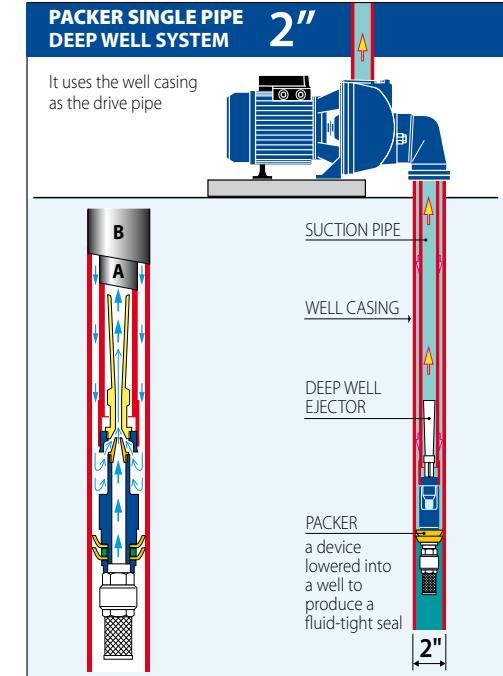
ADVANTAGES

- no need to drill expensive wells
- this economical simple and efficient and versatile pump replaces the need to install a very expensive and complicated submersible pump
- ideal for well with low water capacity
- ideal for handling waters with a tolerable content of sand
- lowest consumption of energy with highest efficiency:energy saving
- easy to maintain, long life, trouble free



Conva™ 2"

TYPES		HP	kW	DNa-Suction BSP/Gas	DNm-Delivery BSP/Gas	Ejector well type	Ejector well size	Suction depth m	Q = Performance at 2900 rpm										Electric Pump Dimensions in mms	Weight in kg	
1~ 230V 50Hz	3~ 230/400V 50Hz								m³/h	0,18	0,36	0,6	0,9	1,2	1,5	1,8	2,1	3	3,6		
									l/m	3	6	10	15	20	25	30	35	50	60		
CV80-2	CV80T-2	0,8	0,6	1" 1/4	1"	D30	2"	25 30		22	16	11	8							185x340x200	10,6
										14	8										
CV82-2	CV82T-2	0,8	0,6	1" 1/4	1"	D20	2"	15 20 25		31	28	25	22	19	17	15	12			185x340x200	10,6
										28	23	18	15	13	11						
CV100-2	CV100T-2	1	0,75	1" 1/4	1"	D30	2"	30 35		30	25	20	14	11						185x340x200	11,8
										14	8										
CV102-2	CV102T-2	1	0,75	1" 1/4	1"	D20	2"	15 20 35		40	37	34	30	27	24	21	18			185x340x200	11,8
										37	34	30	25	21	17						
BCV150-2	BCV150T-2	1,5	1,1	1" 1/4	1"	D30	2"	40 50			49	41	20							220x415x230	27,2
											48	40									
BCV152-2	BCV152T-2	1,5	1,1	1" 1/4	1"	D20	2"	20 25 35			49	43	20			42	35	25	21	220x415x230	27,2
															45	34	27				
BCV220-2	BCV220T-2	2,2	1,65	1" 1/4	1"	D30	2"	40 50				46	30				28	20		220x415x230	27,7
												49	40								
BCV222-2	BCV222T-2	2,2	1,65	1" 1/4	1"	D20	2"	15 20 25							46	35	30		220x415x230	27,7	
															50	44	40	28	23		



Conva™ - DEEP WELL PACKER ELECTRIC PUMPS

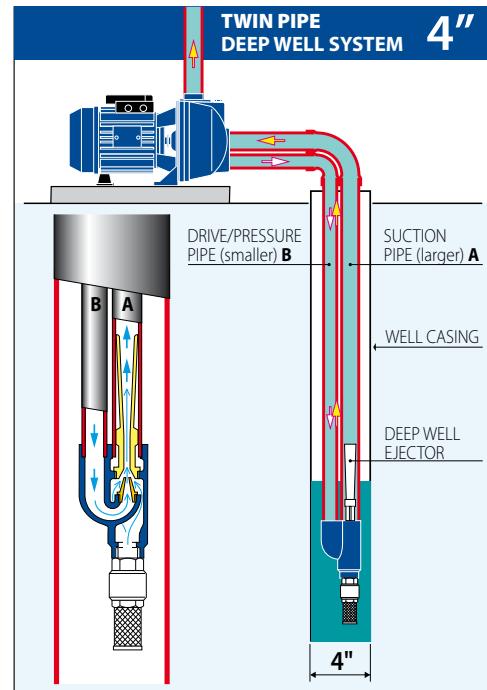
Conva™ 4"

TYPES		HP	kW	DN _a -Suction BSP/Gas	DN _m -Delivery BSP/Gas	Ejector well type	Ejector well size	Suction depth m	Q = Performance at 2900 rpm										Electric Pump Dimensions in mms	Weight in kg		
1~ 230V 50Hz	3~ 230/400V 50Hz								m ³ /h	0,18	0,36	0,6	0,9	1,2	1,5	1,8	2,1	3	3,6			
									l/m	3	6	10	15	20	25	30	35	50	60			
CV80-4	CV80T-4	0,8	0,6	1" 1/4	1"	D30	4"	25		22	16	11	8							185x340x200	10,1	
								30		14	8											
CV82-4	CV82T-4	0,8	0,6	1" 1/4	1"	D20	4"	15		31	28	25	22	19	17	15	12			185x340x200	10,1	
								20		28	23	18	15	13	11							
CV100-4	CV100T-4	1	0,75	1" 1/4	1"	D30	4"	30		30	25	20	14	11						185x340x200	11,3	
								35		14	8											
CV102-4	CV102T-4	1	0,75	1" 1/4	1"	D20	4"	15		40	37	34	30	27	24	21	18			185x340x200	11,3	
								20		37	34	30	25	21	17							
BCV150-4	BCV150T-4	1,5	1,1	1" 1/4	1"	D30	4"	40			49	41	20							220x415x230	27,2	
								50			49	43	20									
BCV152-4	BCV152T-4	1,5	1,1	1" 1/4	1"	D20	4"	15						50	37	30	21	21		220x415x230	27,2	
								20						45	34	27						
BCV220-4	BCV220T-4	2,2	1,65	1" 1/4	1"	D30	4"	40						49	46	30				220x415x230	27,7	
								50						49	40							
BCV222-4	BCV222T-4	2,2	1,65	1" 1/4	1"	D20	4"	15								50	44	40	28	23	220x415x230	27,7
								20														
								25														

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.



Jetdom™ - SHALLOW WELL JET SELF PRIMING ELECTRIC PUMPS

with built-in ejector system

Applications:

Suitable for shallow well lifts down to 8m providing highly efficient self priming performance; for drawing water out of a well, a spring, a reservoir, can draw up water in spite of presence of water-dissolved gases, air, or small quantities of sand. **The built-in ejector allows for self-priming to depths of 8 metres, once the pump body has been primed (we recommend to fit a Foot Valve).**

Domestic, civil, agricultural, industrial, residential, commercial, washing and hobby uses, pressure boosting / increasing water pressure, gardening, jet washing, stock watering, dairy washdown, vegetable washing, horticulture, hobby farm, turf irrigation, water distribution, household, in-ground tank installation, underground water storage tanks installation, fountains, water features and urban decoration, station washing, nurseries, rain water collection, water circulation, mains and municipal boosting.

Self priming pumps: pumps always ready for use.

Can draw up water in spite of presence of gas, air, or small quantities of sand.

Energy efficient hydraulic design for cost-effective operation.

Easy to install and dismantle for service.



TYPES		HP	kW	DNa-Suction BSP/Gas	DNm-Delivery BSP/Gas	Q = Performance at 2900 rpm															Electric Pump Dimensions in mms	Weight in kg			
1~ 230V 50Hz	3~ 230/400V 50Hz					m³/h	0	0,6	1,2	1,8	2,1	2,4	2,7	3	3,3	3,6	4,2	4,8	5,4	6	6,6	7,2	7,8	8,4	
		l/m	0	10	20	30	35	40	45	50	55	60	70	80	90	100	110	120	130	140					
129J	129JT	0,6	0,45	1"	1"																			425x180x185	11,5
138J	138JT	0,8	0,6	1"	1"																			410x180x185	11,5
139J	139JT	0,8	0,6	1"	1"																			425x180x185	12,7
148J	148JT	1	0,75	1"	1"																			425x180x185	14,1
148J-SS	148JT-SS	1	0,75	1"	1"																			390x185x192	9,5
149J	149JT	1,2	0,9	1"	1"																			425x180x185	14,2
155J	155JT	1,5	1,1	1"1/2	1"																			596x220x240	27,9
156J	156JT	1,5	1,1	1"1/2	1"1/4																			506x220x231,5	24,5
165J	165JT	2,2	1,65	1"1/2	1"																			596x220x240	28,7
166J	166JT	2,2	1,65	1"1/2	1"1/4																			506x220x231,5	25,5
175J	175JT	3	2,2	1"1/2	1"																			596x220x240	29,6
176J	176JT	3	2,2	1"1/2	1"1/4																			506x220x231,5	26,5

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- **148J-SS** Standard execution with pump body made in stainless steel and impeller in noryl. Available also execution with stainless steel impeller.

Irrigua™-1 - CENTRIFUGAL SINGLE STAGE ELECTRIC PUMPS

Single, compact, balanced units.

High quality efficient but inexpensive pumps for low and medium duties.

Applications:

For low and medium duties.

Suitable for domestic, civil, agricultural, industrial, residential, commercial, washing and hobby uses, pressure boosting / increasing water pressure, irrigation, gardening, jet washing, stock watering, dairy washdown, vegetable washing, horticulture, hobby farm, turf irrigation, water distribution, household, in-ground tank installation, underground water storage tanks installation, fountains, water features and urban decoration, station washing, nurseries, rain water collection, water circulation, mains and municipal boosting, water transfer, air conditioning and cooling systems, etc.

Energy efficient hydraulic design for cost-effective operation.

Easy to install and dismantle for service.



TYPES		HP 1~ 230V 50Hz	kW 3~ 230/400V 50Hz	DN _a - Suction BSP/Gas	DN _m - Delivery BSP/Gas	Q = Performance at 2900 rpm																Electric Pump Dimensions in mms	Weight in kg	
m ³ /h	0	0,6	1,2	2,4	3,6	4,2	4,8	5,4	6	6,6	7,2	7,8	8,4	12	15	18	21							
l/m	0	10	20	40	60	70	80	90	100	110	120	130	140	200	250	300	350							
52CG	52CGT	0,5	0,37	1"	1"	22,0	21,4	20,9	19,4	16,3	14,8	13,3										263x150x208	8,3	
52GGL	52GGLT	0,5	0,37	1"	1"	22,0	21,4	20,9	19,4	16,3	14,8	13,3										263x150x208	8,6	
55CG	55CGT	0,5	0,37	1"	1"	21,7		20,9	19,4	17,3	16,4	15,3	12,2									265x160x202	9	
55CGL	55CGLT	0,5	0,37	1"	1"	21,7		20,9	19,4	17,3	16,4	15,3	12,2									265x160x202	9	
80C	80CT	0,8	0,6	1"	1"	30,5	29,6	29,1	28,1	27,5	26,5	25,0	23,0	20,4								300x185x234	12,7	
80CL	80CLT	0,8	0,6	1"	1"	27,0		26,5	25,0	22,4	21,2	19,9	17,9	15,3								300x185x234	12,7	
80CP	80CPT	0,8	0,6	1"1/4	1"	25,0			22,2	20,8	20,0	19,1	18,3	17,3	16,4	15,0	12,8	10,0				340x185x200	10,2	
80CPL	80CPLT	0,8	0,6	1"1/4	1"	25,0			22,2	20,8	20,0	19,1	18,3	17,3	16,4	15,0	12,8	10,0				340x185x200	10,2	
100CH	100CHT	1	0,75	1"	1"	30,0	29,6	29,1	28,1	27,5	26,5	25,0	23,0	20,4								300x185x234	12,7	
100C	100CT	1	0,75	1"	1"	33,8		32,0	30,2	27,5	26,0	24,8	23,2	20,4	15,6	10,2						300x185x227	14	
100CL	100CLT	1	0,75	1"	1"	33,8		32,0	30,2	27,5	26,0	24,8	23,2	20,4	15,6	10,2						300x185x227	14,5	
100CGL	100CGLT	1	0,75	1"	1"	33,8		32,0	30,2	27,5	26,0	24,8	23,2	20,4	15,6	10,2						300x185x227	14,8	
100CP	100CPT	1	0,75	1"1/4	1"	26,0			24,3	23,5	23,0	22,5	21,9	21,4	20,8	20,0	18,7	17,2				340x185x200	11,5	
100CPL	100CPLT	1	0,75	1"1/4	1"	26,0			24,3	23,5	23,0	22,5	21,9	21,4	20,8	20,0	18,7	17,2				340x185x200	11,5	
C4A	C4AT	1,5	1,1	1"	1"	40,9		40,1	39,4	38,3	37,3	36,3	35,3	33,2	30,1							348x225x285	22,5	
CL4A	CL4AT	1,5	1,1	1"	1"	40,9		40,1	39,4	38,3	37,3	36,3	35,3	33,2	30,1							348x225x285	22,5	
CL4AQ	CL4AQT	1,5	1,1	1"1/4	1"	40,9		40,1	39,4	38,3	37,3	36,3	35,3	33,2	30,1							348x225x285	22,5	
CL5D		2,2	1,65	1"	1"	45,6		45,0	44,2	43,1	42,3	41,3	40,0	38,8	37,1	34,2						348x225x285	23	
	CL5DT	2,2	1,65	1"	1"	50,6		49,7	48,8	47,4	46,7	45,8	44,6	43,4	42,1	40,2						348x225x285	23	
CL5DQ		2,2	1,65	1"1/4	1"	45,6		45,0	44,2	43,1	42,2	41,3	40,0	38,8	37,1	34,2						348x225x285	23	
	CL5DQT	2,2	1,65	1"1/4	1"	50,6		49,7	48,6	47,4	46,6	45,8	44,6	43,6	42,1	40,2						348x225x285	23	
CL6D	CL6DT	3	2,2	1"	1"	56,6		55,6	54,5	53,0	52,0	51,1	49,9	48,7	47,1	45,1	42,7						348x225x285	23,5
CL6DQ	CL6DQT	3	2,2	1"1/4	1"	56,6		55,6	54,5	53,0	52,0	51,1	49,9	48,7	47,1	45,1	42,7						348x225x285	23,5
CL7D		4	3	2"	1"1/4	47,9			47,7	47,6	47,4	47,2	47,1	46,9	46,7	46,4	46,1	43,4	39,9	35,9		425x250x323	39,8	
	CL7DT	4	3	2"	1"1/4	46,2			45,9	45,8	45,6	45,3	45,1	44,9	44,7	44,5	44,2	40,9	37,3	32,6			425x250x323	39,8
	CL8DT	5,5	4	2"	1"1/4	57,6			58,8	58,7	58,6	58,6	58,8	58,5	58,4	58,3	56,7	53,9	49,8	44,2			425x250x323	39,8

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Irrigua™-1D - CENTRIFUGAL SINGLE STAGE HORIZONTAL DIN-EN STANDARD END SUCTION CAST IRON ELECTRIC PUMPS WITH STANDARD DIMENSIONS TO EN 733-DIN 24255 FLANGED DIN2533 AND DELIVERY PORTS

of back pull-out design
for quick and simple dismantling and reassembling for ease of maintenance.
Single, compact, balanced unit.

Applications:

Drinking potable water supply, domestic, civil, community and district water boosters, irrigation, firefighting, food processing, chemical, water treatment, sea water pumping, water supply, hot water circulation for central heating, cold water circulation for air conditioning and refrigerating, liquid transfers in agriculture, horticulture and industry, boiler feed, boosting, brine circulation, circulating systems, condensate, draining, filtering, sprinkling, washing, antifrost protection, water supply for both civil and industrial uses.



DN _a (Ø of Suction Inlet Port):		50		Hm = Total head in meters w.c.	Q = Performance at 2900 rpm													Electric Pump Dimensions in mms	Weight in kg			
DN _m (Ø of Delivery/DischargeOutlet Port):		32			m ³ /h	0	4,5	6	7,5	9	12	15	18	21	24	27	30	33	36			
1~ 230V 50Hz	3~ 230/400V 50Hz	HP	kW		l/m	0	75	100	125	150	200	250	300	350	400	450	500	550	600			
DM32-160C	D32-160C	2	1,5		25,4	25,1	24,8	24,3	23,7	22,1	20,2	17,7	14,5							490x240x292	38	
DM32-160B	D32-160B	3	2,2		29,9		29,4	28,8	28,1	26,5	24,5	22,0	19,1	15,2							490x240x292	39
D32-160A		4	3		37,9		37,5	37,1	36,5	35,2	33,8	32,0	29,7	26,8	23,0						490x240x292	42
DM32-200C	D32-200C	5,5	4		42,2		41,2	40,7	40,1	38,6	37,1	35,2	33,2	30,9	27,8						505x268x340	51,5
D32-200B		7,5	5,5		54,4		53,6	53,0	52,5	51,5	50,0	48,2	46,4	44,0	41,3	38,1	34,3	29,6		565x268x340	63	
D32-200B-R		7,5	5,5		49,4		48,9	48,5	48,0	46,9	45,6	43,8	41,9	39,7	36,8	33,5	29,5			520x268x340	61	
D32-200A		10	7,5		62,8		62,3	61,9	61,4	60,3	58,9	57,2	55,3	53,0	50,5	47,6	44,0	39,7		565x268x340	69	
D32-200A-R		10	7,5		58,2		57,7	57,3	56,9	55,6	54,4	52,5	50,7	48,4	45,5	42,2	38,2	34,0		615x310x460	67	
D32-250C		12,5	9,2		72,1			70,6	70,0	69,0	67,5	65,4	63,3	60,5	56,7	52,0				625x305x405	83	
D32-250B		15	11		83,6			82,6	82,1	81,1	80,1	78,5	76,5	74,1	72,1	68,5				625x305x405	90	
D32-250A		20	15		94,9			94,4	93,8	93,3	92,3	91,3	89,8	87,4	85,2	81,6				695x305x405	120	
D32-250A-R		20	15		92,8			91,8	91,7	90,8	89,8	87,7	85,7	83,1	80,6	77,0				625x305x405	95	

Irrigua™-1D - CENTRIFUGAL SINGLE STAGE HORIZONTAL DIN-EN STANDARD END SUCTION CAST IRON ELECTRIC PUMPS WITH STANDARD DIMENSIONS TO EN 733-DIN 24255 FLANGED DIN2533 AND DELIVERY PORTS

DN _a (Ø of Suction Inlet Port):		65																Electric Pump Dimensions in mms	Weight in kg		
DN _m (Ø of Delivery/DischargeOutlet Port):		40																			
TYPES		HP	kW	Q = Performance at 2900 rpm																	
1~ 230V 50Hz	3~ 230/400V 50Hz			m³/h	0	7,5	9	12	15	18	21	24	27	30	33	36	39	42			
				l/m	0	125	150	200	250	300	350	400	450	500	550	600	650	700			
DM40-125C	D40-125C	2	1,5	Hm = Total head in meters w.c.	17,9	18,1	18,0	17,8	17,4	16,9	16,3	15,6	14,6	13,7					495x220x252	36	
DM40-125B	D40-125B	3	2,2		21,3		21,9	21,8	21,6	21,2	20,7	20,0	19,3	18,4	17,5					495x220x252	37
D40-125A		4	3		26,0		26,6	26,6	26,4	26,2	25,6	25,1	24,4	23,6	22,7	21,7				495x220x252	40
DM40-160B	D40-160B	4	3		30,9		31,0	30,9	30,5	29,9	29,0	27,9	26,7	25,1	23,5	21,6				500x245x292	47
DM40-160A	D40-160A	5,5	4		36,5		36,7	36,6	36,4	36,1	35,2	34,2	33,0	31,5	29,9	28,1	26,2			500x245x292	50
D40-200B		7,5	5,5		48,1		48,4	48,2	47,8	47,0	45,8	44,5	42,8	41,1	39,0	36,9	34,4			590x273x340	65
D40-200A		10	7,5		58,1		59,5	59,7	59,6	59,3	58,6	57,7	56,3	54,6	52,6	50,4	47,9	45,2		590x273x340	71
D40-250C		12,5	9,2		67,0		66,2	65,8	65,2	64,5	63,3	62,0	60,6	58,6	56,1	53,1	50,0	46,9		630x322x405	84
D40-250B		15	11		77,0		76,1	75,7	75,0	74,2	73,1	71,8	71,1	69,2	67,0	64,4	61,3	57,7		630x322x405	91
D40-250A		20	15		93,3		92,2	91,7	91,1	90,3	89,3	88,3	87,2	85,7	84,2	82,1	80,1	77,5		700x322x405	121
D40-250A-R		20	15		86,7		85,7	85,4	84,6	83,7	82,4	81,1	79,4	77,4	75,3	72,7	70,5	67,8		630x322x405	96

DN _a (Ø of Suction Inlet Port):		65																						
DN _m (Ø of Delivery/DischargeOutlet Port):		50																						
TYPES		HP	kW	Q = Performance at 2900 rpm																				
1~ 230V 50Hz	3~ 230/400V 50Hz			m³/h	0	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78		
				l/m	0	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300		
DM50-125B	D50-125B	4	3	Hm = Total head in meters w.c.	20,5	20,8	20,8	20,7	20,6	20,4	20,1	19,7	19,3	18,8	18,3	17,9	16,9	15,8	14,4	13,1	11,5		525x250x292	47
DM50-125A	D50-125A	5,5	4		25,2		25,8	25,6	25,5	25,3	25,1	24,9	24,5	24,2	23,8	23,4	22,5	21,4	20,2	18,6	17,0		525x250x292	50
D50-160B		7,5	5,5		32,0				33,1	33,0	32,7	32,3	31,9	31,3	30,6	29,8	28,1	26,1	23,8	21,3	18,5	15,7	590x270x340	65
D50-160B-R		7,5	5,5		30,2				31,2	31,1	30,9	30,5	29,9	29,3	28,5	27,7	26,0	23,9	21,6	19,3	16,6	13,6	545x270x340	63
D50-160A		10	7,5		37,8				39,0	38,9	38,8	38,5	38,2	37,7	37,2	36,5	34,9	33,1	30,9	28,6	26,1	23,3	590x270x340	71
D50-160A-R		10	7,5		35,3				36,5	36,4	36,1	35,7	35,3	34,8	34,2	33,4	31,6	29,6	27,3	25,0	22,5	19,6	545x270x340	69
D50-200C		12,5	9,2		47,4				47,0	46,5	45,8	45,0	44,2	43,1	42,0	39,7	37,0	34,0	29,9	25,2		635x290x360	82	
D50-200B		15	11		52,3				52,5	52,0	51,5	50,8	50,0	49,1	48,2	46,0	43,5	40,7	37,0	33,0		635x290x360	89	
D50-200A		20	15		59,7				60,0	59,7	59,2	58,7	58,1	57,4	56,7	54,8	52,8	50,5	47,7	44,1	40,0		705x290x360	122
D50-200A-R		20	15		58,7				59,0	58,8	58,4	57,9	57,3	56,4	55,7	53,8	51,7	48,9	45,3	41,2			635x290x360	94
D50-250C		20	15		72,9					72,2	71,7	71,8	71,1	70,3	69,6	68,0	65,9	63,3	60,4	56,7	52,0		705x332x405	125
D50-250B		25	18,5		79,6					79,6	78,9	78,3	77,6	76,8	76,0	74,3	72,0	70,2	67,5	64,1	60,0		750x332x405	140
D50-250A		30	22,5		91,8					91,3	90,6	90,1	89,5	88,6	87,8	86,2	84,4	82,1	79,6	76,7	73,1		750x332x405	149

Irrigua™-1D - CENTRIFUGAL SINGLE STAGE HORIZONTAL DIN-EN STANDARD END SUCTION CAST IRON ELECTRIC PUMPS WITH STANDARD DIMENSIONS TO EN 733-DIN 24255 FLANGED DIN2533 AND DELIVERY PORTS

DN _a (Ø of Suction Inlet Port):		80		Q = Performance at 2900 rpm																			Electric Pump Dimensions in mms	Weight in kg				
DN _m (Ø of Delivery/DischargeOutlet Port):		65		m ³ /h	0	30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132	144	156					
TYPES		HP	kW		l/m	0	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600				
D65-125B	7,5	5,5			21,5	22,7	22,7	22,6	22,5	22,4	22,0	21,6	21,2	20,7	20,2	19,6	18,8	17,1	15,1	13,0					605x280x340	64		
D65-125B-R	7,5	5,5			20,0	21,0	21,0	20,9	20,8	20,7	20,4	20,0	19,6	19,1	18,4	17,7	17,0	15,5	13,7	11,4					560x280x340	62		
D65-125A	10	7,5			26,2	27,2	27,2	27,2	27,1	27,1	26,9	26,7	26,4	26,1	25,6	25,2	24,7	23,4	21,6	19,5	17,0					605x280x340	70	
D65-125A-R	10	7,5			23,7	24,8	24,8	24,7	24,6	24,5	24,3	24,0	23,7	23,4	23,0	22,5	21,8	20,3	18,3	16,2					560x280x340	68		
D65-160C	12,5	9,2			30,7						32,1	32,0	31,7	31,4	31,0	30,5	29,9	29,1	27,4	25,3	22,8	19,9	16,5			635x290x360	84	
D65-160B	15	11			34,0						35,6	35,4	35,2	35,0	34,7	34,3	33,8	33,1	31,5	29,7	27,5	24,8	21,7			635x290x360	90	
D65-160A	20	15			40,4						41,8	41,8	41,6	41,4	41,2	40,9	40,6	40,1	38,8	37,3	35,3	33,2	30,7			705x290x360	120	
D65-160A-R	20	15			38,2						39,7	39,4	39,2	38,9	38,6	38,2	37,8	37,2	35,6	33,8	31,6	29,3	26,5			635x290x360	95	
D65-200C	20	15			43,6							46,1	45,8	45,4	45,0	44,3	43,6	41,7	39,1	36,4	33,0					705x330x405	122	
D65-200C-R	20	15			40,9							42,7	42,6	42,2	41,7	41,1	40,2	37,9	35,2	32,0	28,6					675x330x405	92	
D65-200B	25	18,5			48,2							51,0	50,8	50,5	50,0	49,4	48,7	46,9	44,8	42,2	39,1					750x330x405	138	
D65-200A	30	22,5			55,6							58,4	58,2	57,9	57,4	56,9	56,3	54,9	53,1	51,1	48,5	45,3					750x330x405	148
D65-250B	40	30			82,6							81,1	80,1	78,8	77,5	76,0	74,5	71,4	67,0	61,8	56,1	50,0					850x370x450	239
D65-250A	50	37			91,8							91,3	90,3	89,3	88,2	87,2	85,7	82,1	78,0	73,4	68,5	62,3	55,6				850x370x450	253

DN _a (Ø of Suction Inlet Port):		100		Q = Performance at 2900 rpm																			Electric Pump Dimensions in mms	Weight in kg			
DN _m (Ø of Delivery/DischargeOutlet Port):		80		m ³ /h	0	66	72	78	84	96	108	120	132	144	156	168	180	195	210	225	240						
TYPES		HP	kW		l/m	0	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000					
D80-160E	12,5	9,2			22,0	23,1	22,8	22,2	21,8	20,8	19,8	18,5	17,3	15,9	14,1	12,4									665x330x405	92	
D80-160D	15	11			26,2	27,2	26,9	26,5	26,1	25,1	24,3	23,2	21,9	20,6	19,1	17,4	15,6								665x330x405	98,5	
D80-160C	20	15			30,6	31,6	31,4	31,2	30,8	30,1	28,9	27,9	26,8	25,4	23,8	22,1	20,3	17,7								735x330x405	129
D80-160C-R	20	15			29,4	30,4	30,2	29,9	29,5	28,6	27,7	26,5	25,3	24,0	22,4	20,5	18,4	15,7								665x330x405	104
D80-160B	25	18,5			35,0	36,1	36,1	35,8	35,6	35,0	34,3	33,5	32,5	31,4	30,1	28,6	26,8	24,3	21,6							780x330x405	143
D80-160A	30	22,5			40,0	41,0	40,9	40,8	40,6	40,1	39,3	38,6	37,8	36,8	35,5	34,2	32,5	30,3	27,6	24,2					780x330x405	152	
D80-200B	40	30			50,5					52,3	52,1	51,8	51,3	50,8	50,1	49,1	48,1	46,9	45,1	42,7	39,8					870x355x405	233
D80-200A	50	37			59,7					61,4	61,0	60,4	59,7	59,0	58,1	57,2	55,9	54,3	52,3	50,0	47,5					870x355x405	247

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- All models in standard execution with cast iron impeller; models D32-250... in standard execution with brass impeller.

- All above models can be supplied with impeller made in bronze.

- Also available all stainless steel versions.

Irrigua™-1DK - 2POLE BARESHAFT VERSION-STANDARDIZED HORIZONTAL SINGLE STAGE END SUCTION CAST IRON PUMPS WITH STANDARD DIMENSIONS TO EN 733-DIN 24255 STANDARDS WITH FLANGED SUCTION AND DELIVERY PORTS.

2POLE **BARESHAFT** VERSION WITHOUT ELECTRIC MOTOR TO BE COUPLED TO A 2POLE ELETRIC MOTOR.

Applications:

Drinking potable water supply, domestic, civil, community and district water boosters, irrigation, firefighting, food processing, chemical, water treatment, sea water pumping, water supply, hot water circulation for central heating, cold water circulation for air conditioning and refrigerating, liquid transfers in agriculture, horticulture and industry, boiler feed, boosting, brine circulation, circulating systems, condensate, draining, filtering, sprinkling, washing, water softening, antifrost protection, water supply for both civil and industrial uses.



						Q = Performance at 2900 rpm												Pump Dimensions in mms			
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m³/h	0	4,5	6	7,5	9	12	15	18	21	24	27	30	33	36	Pump Dimensions in mms
						l/m	0	75	100	125	150	200	250	300	350	400	450	500	550	600	
DK32-160C	1,5	2,2	90S	90L	0,90-1,75		25,4	25,1	24,8	24,3	23,7	22,1	20,2	17,7	14,5						440x240x290
DK32-160B	2,2	-	90L	-	1,40-2,35		29,9		29,4	28,8	28,1	26,5	24,5	22,0	19,1	15,2					440x240x290
DK32-160A	3	4	100L	112M	1,90-3,40		37,9		37,5	37,1	36,5	35,2	33,8	32,0	29,7	26,8	23,0				440x240x290
DK32-200C	4	5,5	112M	132S	2,55-4,45		42,2		41,2	40,7	40,1	38,6	37,1	35,2	33,2	30,9	27,8				440x240x340
DK32-200B	5,5	7,5	132S	132S	3,85-6,90		54,4		53,6	53,0	52,5	51,5	50,0	48,2	46,4	44,0	41,3	38,1	34,3	29,6	440x240x340
DK32-200A	7,5	9,2	132S	132M	4,10-8,20		62,8		62,3	61,9	61,4	60,3	58,9	57,2	55,3	53,0	50,5	47,6	44,0	39,7	440x240x340
DK32-250C	9,2	-	132M	-	6,15-9,65		72,1			70,6	70,0	69,0	67,5	65,4	63,3	60,5	56,7	52,0			460x320x405
DK32-250B	11	15	160M	160M	8,05-12,15		83,6			82,6	82,1	81,1	80,1	78,5	76,5	74,1	72,1	68,5			460x320x405
DK32-250A	15	-	160M	-	9,30-14,90		94,9			94,4	93,8	93,3	92,3	91,3	89,8	87,4	85,2	81,6			460x320x405

Irrigua™-1DK - 2POLE BARESHAFT VERSION-STANDARDIZED HORIZONTAL SINGLE STAGE END SUCTION CAST IRON PUMPS WITH STANDARD DIMENSIONS TO EN 733- DIN 24255 STANDARDS WITH FLANGED SUCTION AND DELIVERY PORTS.

DNA (Ø of Suction Inlet Port): 65 DNm (Ø of Delivery/DischargeOutlet Port): 40						Q = Performance at 2900 rpm												Pump Dimensions in mms						
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	Hm = Total head in meters w.c.	m³/h	0	7,5	9	12	15	18	21	24	27	30	33	36	39	42			
	l/m	0	125	150	200		250	300	350	400	450	500	550	600	650	700	550	600	650	700	750	800		
DK40-125C	1,5	2,2	90S	90L	1,25-1,75	17,9	18,1	18,0	17,8	17,4	16,9	16,3	15,6	14,6	13,7								440x210x250	
DK40-125B	2,2	-	90L	-	2,30-2,30	21,3		21,9	21,8	21,6	21,2	20,7	20,0	19,3	18,4	17,5								440x210x250
DK40-125A	3	-	100L	-	1,65-2,95	26,0		26,6	26,6	26,4	26,2	25,6	25,1	24,4	23,6	22,7	21,7							440x210x250
DK40-160B	3	4	100L	112M	2,10-3,60	30,9		31,0	30,9	30,5	29,9	29,0	27,9	26,7	25,1	23,5	21,6							440x240x290
DK40-160A	4	5,5	112	132S	2,70-4,75	36,5		36,7	36,6	36,4	36,1	35,2	34,2	33,0	31,5	29,9	28,1	26,2						440x240x290
DK40-200B	5,5	7,5	132S	132S	3,90-6,40	48,1		48,4	48,2	47,8	47,0	45,8	44,5	42,8	41,1	39,0	36,9	34,4						460x265x340
DK40-200A	7,5	9,2	132S	132M	4,70-8,85	58,1		59,5	59,7	59,6	59,3	58,6	57,7	56,3	54,6	52,6	50,4	47,9	45,2					460x265x340
DK40-250B	11	15	160M	160M	7,65-13,50	77,0		76,1	75,7	75,0	74,2	73,1	71,8	71,1	69,2	67,0	64,4	61,3	57,7					460x320x405
DK40-250A	15	18,5	160M	160L	9,55-17,00	93,3		92,2	91,7	91,1	90,3	89,3	88,3	87,2	85,7	84,2	82,1	80,1	77,5					460x320x405

DNA (Ø of Suction Inlet Port): 65 DNm (Ø of Delivery/DischargeOutlet Port): 50						Q = Performance at 2900 rpm														Pump Dimensions in mms						
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	Hm = Total head in meters w.c.	m³/h	0	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	
	l/m	0	200	250	300		350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300						
DK50-125B	3	4	100L	112	1,80-3,45	20,5	20,8	20,8	20,7	20,6	20,4	20,1	19,7	19,3	18,8	18,3	17,9	16,9	15,8	14,4	13,1	11,5			460x240x290	
DK50-125A	4	5,5	112	132S	2,55-4,90	25,2		25,8	25,6	25,5	25,3	25,1	24,9	24,5	24,2	23,8	23,4	22,5	21,4	20,2	18,6	17,0			460x240x290	
DK50-160B	5,5	7,5	132S	132S	3,65-6,20	32,0			33,1	33,0	32,7	32,3	31,9	31,3	30,6	29,8	28,1	26,1	23,8	21,3	18,5	15,7			460x265x340	
DK50-160A	7,5	-	132S	-	4,50-7,75	37,8			39,0	38,9	38,8	38,5	38,2	37,7	37,2	36,5	34,9	33,1	30,9	28,6	26,1	23,3			460x265x340	
DK50-200C	9,2	-	132M	-	6,10-9,10	47,4				47,0	46,5	45,8	45,0	44,2	43,1	42,0	39,7	37,0	34,0	29,9	25,2				460x265x360	
DK50-200B	11	-	160M	-	6,70-10,65	52,3				52,5	52,0	51,5	50,8	50,0	49,1	48,2	46,0	43,5	40,7	37,0	33,0				460x265x360	
DK50-200A	15	-	160M	-	7,90-13,00	59,7				60,0	59,7	59,2	58,7	58,1	57,4	56,7	54,8	52,8	50,5	47,7	44,1	40,0				460x265x360
DK50-250C	15	18,5	160M	160L	11,35-18,45	72,9				72,2	71,7	71,8	71,1	70,3	69,6	68,0	65,9	63,3	60,4	56,7	52,0				460x320x405	
DK50-250B	18,5	22	160L	180M	12,05-20,20	79,6				79,6	78,9	78,3	77,6	76,8	76,0	74,3	72,0	70,2	67,5	64,1	60,0				460x320x405	
DK50-250A	22	30	180M	200L	15,60-24,80	91,8				91,3	90,6	90,1	89,5	88,6	87,8	86,2	84,4	82,1	79,6	76,7	73,1				460x320x405	

Irrigua™-1DK - 2POLE BARESHAFT VERSION-STANDARDIZED HORIZONTAL SINGLE STAGE END SUCTION CAST IRON PUMPS WITH STANDARD DIMENSIONS TO EN 733- DIN 24255 STANDARDS WITH FLANGED SUCTION AND DELIVERY PORTS.

DN _a (Ø of Suction Inlet Port):		80				Q = Performance at 2900 rpm																	Pump Dimensions in mms								
DN _m (Ø of Delivery/DischargeOutlet Port):		65		TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m ³ /h	0	30	33	36	39	42	48	54	60	66	72	78	84	96	108	120	132	144	156	Pump Dimensions in mms	
											l/m	0	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	
DK65-125B	5,5	-	132S	-	3,70-5,70					21,5	22,7	22,7	22,6	22,5	22,4	22,0	21,6	21,2	20,7	20,2	19,6	18,8	17,1	15,1	13,0				460x280x340		
DK65-125A	7,5	-	132S	-	4,05-7,65					26,2	27,2	27,2	27,2	27,1	27,1	26,9	26,7	26,4	26,1	25,6	25,2	24,7	23,4	21,6	19,5	17,0				460x280x340	
DK65-160C	9,2	11	132M	160M	5,95-9,82					30,7					32,1	32,0	31,7	31,4	31,0	30,5	29,9	29,1	27,4	25,3	22,8	19,9	16,5				460x280x360
DK65-160B	11	-	160M	-	6,75-11,00					34,0					35,6	35,4	35,2	35,0	34,7	34,3	33,8	33,1	31,5	29,7	27,5	24,8	21,7				460x280x360
DK65-160A	15	-	160M	-	8,05-13,70					40,4					41,8	41,8	41,6	41,4	41,2	40,9	40,6	40,1	38,8	37,3	35,3	33,2	30,7				460x280x360
DK65-200C	15	18,5	160M	160L	10,40-16,80					43,6						46,1	45,8	45,4	45,0	44,3	43,6	41,7	39,1	36,4	33,0				460x320x405		
DK65-200B	18,5	-	160L	-	11,50-18,70					48,2						51,0	50,8	50,5	50,0	49,4	48,7	46,9	44,8	42,2	39,1				460x320x405		
DK65-200A	22	30	180M	200L	14,80-24,00					55,6						58,4	58,2	57,9	57,4	56,9	56,3	54,9	53,1	51,1	48,5	45,3				460x320x405	
DK65-250B	30	-	200L	-	20,90-31,50					82,6						81,1	80,1	78,8	77,5	76,0	74,5	71,4	67,0	61,8	56,1	50,0				555x360x450	
DK65-250A	37	-	200L	-	23,70-37,60					91,8						91,3	90,3	89,3	88,2	87,2	85,7	82,1	78,0	73,4	68,5	62,3	55,6				555x360x450

DN _a (Ø of Suction Inlet Port):		100				Q = Performance at 2900 rpm																	Pump Dimensions in mms										
DN _m (Ø of Delivery/DischargeOutlet Port):		80		TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m ³ /h	0	66	72	78	84	96	108	120	132	144	156	168	180	195	210	225	240	Pump Dimensions in mms					
											l/m	0	1100	1200	1300	1400	1600	1800	2000	2200	2400	2600	2800	3000	3250	3500	3750	4000					
DK80-160E	9,2	-	132M	-	6,3-8,5					22,0	23,1	22,8	22,2	21,8	20,8	19,8	18,5	17,3	15,9	14,1	12,4								485x320x405				
DK80-160D	11	-	160M	-	7,8-10,5					26,2	27,2	26,9	26,5	26,1	25,1	24,3	23,2	21,9	20,6	19,1	17,4	15,6								485x320x405			
DK80-160C	15	-	160M	-	8,3-12,7					30,6	31,6	31,4	31,2	30,8	30,1	28,9	27,9	26,8	25,4	23,8	22,1	20,3	17,7								485x320x405		
DK80-160B	18,5	-	160L	-	9,0-14,9					35,0	36,1	36,1	35,8	35,6	35,0	34,3	33,5	32,5	31,4	30,1	28,6	26,8	24,3	21,6							485x320x405		
DK80-160A	22	-	160L	-	12,9-20,					40,0	41,0	40,9	40,8	40,6	40,1	39,3	38,6	37,8	36,8	35,5	34,2	32,5	30,3	27,6	24,2				485x320x405				
DK80-200B	30	-	200L	-	18,5-31,3					50,5				52,3	52,1	51,8	51,3	50,8	50,1	49,1	48,1	46,9	45,1	42,7	39,8							595x345x430	
DK80-200A	37	-	200L	-	27,2-39,2					59,7					61,4	61,0	60,4	59,7	59,0	58,1	57,2	55,9	54,3	52,3	50,0	47,5							595x345x430

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- On request FC Execution: all above bareshaft pumps can be connected through a flexible coupling to a two-pole electric motor on a baseplate mounted on long-coupled units with coupling protection.

Irrigua™-1D4K - 4POLE BARESHAFT VERSION-STANDARDIZED HORIZONTAL SINGLE STAGE END SUCTION CAST IRON PUMPS WITH STANDARD DIMENSIONS TO EN 733-DIN 24255 STANDARDS WITH FLANGED SUCTION AND DELIVERY PORTS.

4 POLE **BARESHAFT** VERSION WITHOUT ELECTRIC MOTOR TO BE COUPLED TO A 4POLE ELECTRIC MOTOR.

Applications:

Drinking potable water supply, domestic, civil, community and district water boosters, irrigation, firefighting, food processing, chemical, water treatment, sea water pumping, water supply, hot water circulation for central heating, cold water circulation for air conditioning and refrigerating, liquid transfers in agriculture, horticulture and industry, boiler feed, boosting, brine circulation, circulating systems, condensate, draining, filtering, sprinkling, washing, water softening, antifrost protection, water supply for both civil and industrial uses.



TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	Q = Performance at 1450 rpm									Pump Dimensions in mms	
						m³/h	0	1,5	3	6	9	12	15	18	21	
						l/m	0	25	50	100	150	200	250	300	350	
D4K32-160C	0,37	-	71	-	0,15-0,35	Hm = Total head in meters w.c.	6,6	6,6	6,5	6,0	4,9	3,2				440x240x290
D4K32-160B	0,37	-	71	-	0,20-0,37		7,6	7,6	7,5	6,8	5,7	3,9				440x240x290
D4K32-160A	0,55	-	80	-	0,25-0,48		9,5	9,5	9,4	8,9	8,0	6,8	4,6			440x240x290
D4K32-200C	0,75	-	80	-	0,25-0,75		11,3	11,1	10,5	9,7	8,7	6,9	4,3			440x240x340
D4K32-200B	1,1	-	90S	-	0,40-0,90		13,8		13,5	13,0	11,9	10,8	9,4	7,0		440x240x340
D4K32-200A	1,1	-	90S	-	0,45-1,10		16,4		16,2	15,8	14,9	13,6	12,1	9,8	7,0	440x240x340
D4K32-250C	1,5	-	90L	-	0,50-1,20		18,0		17,7	17,1	16,2	14,8	12,9	10,3	6,7	460x320x405
D4K32-250B	1,5	-	90L	-	0,75-1,45		20,9		20,6	20,0	19,0	17,5	15,8	13,0	8,5	460x320x405
D4K32-250A	2,2	-	100L	-	0,80-1,60		23,3		22,9	22,2	21,3	19,5	17,7	15,2	9,4	460x320x405

Irrigua™-1D4K - 4POLE BARESHAFT VERSION-STANDARDIZED HORIZONTAL SINGLE STAGE END SUCTION CAST IRON PUMPS WITH STANDARD DIMENSIONS TO EN 733- DIN 24255 STANDARDS WITH FLANGED SUCTION AND DELIVERY PORTS.

DNA (Ø of Suction Inlet Port): 65 DNm (Ø of Delivery/DischargeOutlet Port): 40						Q = Performance at 1450 rpm										Pump Dimensions in mms	
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m³/h	0	6	9	12	15	18	21	24	27	30	
						l/m	0	100	150	200	250	300	350	400	450	500	
D4K40-125C	0,37	-	71	-	0,20-0,35		4,7	4,8	4,6	4,3	3,9	3,3	2,5				440x210x250
D4K40-125B	0,37	-	71	-	0,25-0,37		5,7	5,8	5,6	5,3	4,8	4,2	3,5				440x210x250
D4K40-125A	0,55	-	80	-	0,30-0,50		6,6	6,7	6,5	6,2	5,8	5,3	4,5	3,7			440x210x250
D4K40-160B	0,55	-	80	-	0,30-0,55		7,9	8,1	7,7	7,3	6,6	5,4	4,1	2,8			440x240x290
D4K40-160A	0,75	-	80	-	0,35-0,60		9,2	9,4	9,1	8,7	7,8	6,9	5,9	4,4			440x240x290
D4K40-200B	1,1	-	90S	-	0,55-0,90		12,1	12,2	11,8	11,2	10,3	9,2	7,5	5,6			460x265x340
D4K40-200A	1,1	1,5	90S	90L	0,70-1,20		14,9	15,0	14,7	14,3	13,4	12,4	11,0	9,5			460x265x340
D4K40-250C	1,1	1,5	90S	90L	0,85-1,30		16,3		15,3	14,5	13,3	11,5	9,4	7,0			460x320x405
D4K40-250B	2,2	-	100L	-	0,80-1,85		19,7		18,6	17,8	16,8	15,1	13,1	10,3	6,9		460x320x405
D4K40-250A	3	-	100L	-	1,40-2,30		23,4		22,4	21,6	20,6	19,1	17,3	14,8	11,6	7,3	460x320x405

DNA (Ø of Suction Inlet Port): 65 DNm (Ø of Delivery/DischargeOutlet Port): 50						Q = Performance at 1450 rpm										Pump Dimensions in mms			
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m³/h	0	9	12	15	18	24	30	36	42	45	48	54	
						l/m	0	150	200	250	300	400	500	600	700	750	800	900	
D4K50-125B	0,55	-	80	-	0,25-0,50		5,7	5,9	5,8	5,7	5,5	5,0	4,4	3,4	2,4				460x240x290
D4K50-125A	0,75	-	80	-	0,40-0,70		6,6	6,8	6,7	6,7	6,5	6,2	5,6	4,7	3,7	3,1			460x240x290
D4K50-160B	0,75	-	80	-	0,45-0,70		8,1	8,2	8,0	7,9	7,5	6,6	5,5	4,1	2,4				460x265x340
D4K50-160A	1,1	-	90S	-	0,55-0,90		9,7	9,7	9,6	9,5	9,3	8,5	7,4	6,2	4,8	4,0	3,2		460x265x340
D4K50-200C	1,1	-	90S	-	0,65-1,00		12,4	12,4	12,1	11,5	11,0	9,6	7,4	4,7					460x265x360
D4K50-200B	1,5	-	90L	-	0,80-1,30		13,5		13,5	13,1	12,6	11,2	9,5	7,2	4,3				460x265x360
D4K50-200A	1,5	-	90L	-	0,90-1,50		15,2		14,9	14,8	14,3	13,1	11,3	9,2	6,5	4,7			460x265x360
D4K50-250C	2,2	3	100L	100L	1,30-2,40		19,1		18,8	18,5	18,0	17,0	15,2	13,5	10,6	8,5			460x320x405
D4K50-250B	3	-	100L	-	1,60-2,65		20,5			20,2	19,7	18,7	17,2	15,0	12,4	10,7	8,4		460x320x405
D4K50-250A	4	-	112M	-	1,90-3,80		23,7			23,4	23,2	22,5	21,0	19,3	17,1	15,7	13,8	8,7	460x320x405

Irrigua™-1D4K - 4POLE BARESHAFT VERSION-STANDARDIZED HORIZONTAL SINGLE STAGE END SUCTION CAST IRON PUMPS WITH STANDARD DIMENSIONS TO EN 733- DIN 24255 STANDARDS WITH FLANGED SUCTION AND DELIVERY PORTS.

DNA (Ø of Suction Inlet Port): 80 DNm (Ø of Delivery/DischargeOutlet Port): 65						Q = Performance at 1450 rpm																Pump Dimensions in mms					
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m³/h	0	18	24	30	36	42	48	54	60	66	72	84	96	108	120	132	144	156	162	Pump Dimensions in mms	
						l/m	0	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	1800	2000	2200	2400	2600	2700		
D4K65-125B	0,75	-	80	-	0,50-0,75	Hm = Total head in meters w.c.	5,3	5,5	5,4	5,3	4,9	4,7	4,2	3,7	3,2										460x280x340		
D4K65-125A	1,1	-	90S	-	0,65-0,95		6,4		6,4	6,3	6,1	5,8	5,3	4,9	4,5	3,9	3,3									460x280x340	
D4K65-160C	1,5	-	90L	-	0,90-1,30		8,0		8,3	8,1	7,8	7,4	6,9	6,5	5,8	5,2	4,3									460x280x360	
D4K65-160B	1,5	-	90L	-	0,90-1,45		9,0		9,2	8,9	8,5	8,1	7,7	7,1	6,5	5,8	4,9									460x280x360	
D4K65-160A	2,2	-	100L	-	1,10-1,75		10,1		10,2	10,1	9,8	9,4	9,0	8,4	7,8	7,0	6,3	4,7								460x280x360	
D4K65-200C	2,2	-	100L	-	1,30-2,25		11,5			12,2	11,9	11,5	10,9	10,3	9,7	8,9	7,9	5,8								460x320x405	
D4K65-200B	3	-	100L	-	1,45-2,50		12,7			13,4	13,1	12,7	12,3	11,6	10,9	10,3	9,3	7,2								460x320x405	
D4K65-200A	3	4	100L	112M	1,75-3,10		14,4			15,1	14,9	14,4	14,1	13,7	13,1	12,4	11,6	9,6								460x320x405	
D4K65-250B	4	5,5	112M	132S	2,90-4,25		21,2			21,4	20,7	19,9	19,0	17,8	16,5	14,9	13,3	9,0								570x360x450	
D4K65-250A	5,5	-	132S	-	3,40-4,80		23,5			23,6	22,8	22,0	21,0	19,8	18,3	17,4	15,9	11,8								570x360x450	
D4K65-315D	7,5	-	132M	-	3,60-6,65		24,4		24,5	24,3	24,0	23,6	23,0	22,4	21,7	21,0	20,2	18,3	16,2	13,7	10,5					595x400x505	
D4K65-315C	9,2	-	132M	-	4,50-9,15		28,8			28,9	28,7	28,5	28,2	27,8	27,1	26,3	25,5	24,1	22,4	19,8	17,2	13,9					595x400x505
D4K65-315B	11	-	160M	-	5,20-10,80		32,2			32,2	32,1	31,8	31,5	31,0	30,6	29,9	29,1	27,5	25,8	23,4	20,7	18,3	13,7				595x400x505
D4K65-315A	15	-	160L	-	6,95-14,35		38,5			38,3	38,1	37,8	37,4	37,0	36,5	35,8	35,2	33,8	31,8	30,2	27,8	25,1	21,9	17,5	13,8	595x400x505	

DNA (Ø of Suction Inlet Port): 100 DNm (Ø of Delivery/DischargeOutlet Port): 80						Q = Performance at 1450 rpm																Pump Dimensions in mms			
TYPES	Nominal power for low capacity (kW)	Nominal power for great capacity (kW)	Motor size for low capacity	Motor size for great capacity	Pump's power request from-to (kW)	m³/h	0	30	36	42	48	54	60	72	84	96	108	120	132	144	156	162	Pump Dimensions in mms		
						l/m	0	500	600	700	800	900	1000	1200	1400	1600	1800	2000	2200	2400	2600	2700			
D4K80-160E	1,1	-	90S	-	0,70-1,00	Hm = Total head in meters w.c.	5,7	5,9	5,6	5,3	5,0	4,6	4,3	3,9	2,9	2,1								485x320x405	
D4K80-160D	1,5	-	90L	-	0,90-1,30		6,5	6,9	6,7	6,5	6,3	6,0	5,7	4,9	4,1	3,2									485x320x405
D4K80-160C	1,5	-	90L	-	1,05-1,50		7,2	7,6	7,5	7,3	7,0	6,8	6,6	5,9	5,4	4,8	3,2								485x320x405
D4K80-160B	2,2	-	100L	-	1,30-2,05		8,8		9,2	9,0	8,8	8,5	8,2	7,7	7,0	5,9	4,8	3,6							485x320x405
D4K80-160A	3	-	100L	-	1,60-2,50		9,6			10,0	9,8	9,6	9,4	8,9	8,1	7,3	6,4	5,2	3,9						485x320x405
D4K80-200B	4	5,5	112M	132S	2,40-4,50		13,2			13,8	13,7	13,6	13,4	13,0	12,5	11,8	10,9	9,9	8,5	7,2					595x345x430
D4K80-200A	5,5	-	132S	-	3,10-5,65		15,8			16,4	16,3	16,2	16,1	15,7	15,2	14,6	13,9	12,9	11,8	10,7	9,5	8,8		595x345x430	

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- On request FC Execution: all above bareshaft pumps can be connected through a flexible coupling to a two-pole electric motor on a baseplate mounted on long-coupled units with coupling protection.

Irrigua™-2 - CENTRIFUGAL HIGH HEAD TWO STAGE ELECTRIC PUMPS WITH TWO BRASS IMPELLERS (back-to-back impellers)

generating HIGH HEADS with medium capacities, QUIET OPERATION, EXTREMELY EFFICIENT POWER/PRESSURE RATIO, ROBUST CONSTRUCTION, with pump body and motor bracket made of cast iron.

Applications:

For high heads and medium duties.

Suitable for domestic water systems, civil, agricultural, industrial, residential, commercial, washing and hobby uses, pressure boosting / increasing water pressure, irrigation, gardening, jet washing, stock watering, dairy washdown, vegetable washing, horticulture, hobby farm, turf irrigation, water distribution, household, in-ground tank installation, underground water storage tanks installation, fountains, water features and urban decoration, station washing, nurseries, rain water collection, water circulation, mains and municipal boosting, water transfer, air conditioning, heating and cooling systems, etc.

Energy efficient hydraulic design for cost-effective operation.

Easy to install and dismantle for service.



TYPES		HP	kW	DN _a -Suction BSP/Gas	DN _m -Delivery BSP/Gas	Q = Performance at 2900 rpm																		Electric Pump Dimensions in mms	Weight in kg			
1~ 230V 50Hz	3~ 230/400V 50Hz					m ³ /h	0	1,5	2,4	3	4,5	4,8	6	7,2	7,5	9	9,6	10,5	12	13,5	15	16,5	18	24	30	36		
						l/m	0	25	40	50	75	80	100	120	125	150	160	175	200	225	250	275	300	400	500	600		
BCL2	BCL2T	1	0,75	1"	1"		43,3	39,7	37,0	33,5	23,7															328x180x228	15,3	
BCL3	BCL3T	1,5	1,1	1"1/4	1"		54,6	52,5	51,2	49,4	45,3	44,3	40,9	36,1													385x210x265	24,7
BCL3D	BCL3DT	1,5	1,1	1"1/2	1"1/4		40,7	40,2	39,7	39,2	37,7	37,2	35,0	31,7	30,8	25,2	22,7									385x205x242	21,2	
BCL4	BCL4T	2	1,5	1"1/4	1"		59,0	57,7	56,1	54,6	50,5	49,5	45,7	40,7	39,1											385x210x265	25,6	
BCL4D	BCL4DT	2,2	1,65	1"1/2	1"1/4		44,3	44,0	43,4	42,8	41,1	40,7	38,7	35,5	34,5	29,1	26,8									385x205x242	21,7	
BC4SS	BC4SST	2	1,5	1"1/4	1"		57,7	54,6	53,0	52,0	49,4	48,8	46,4	43,1	42,2	37,6									380x208x229	18		
	BCL5T	3	2,2	1"1/4	1"		65,9	64,2	62,4	60,8	56,7	55,6	51,5	45,9	44,3	37,1									385x210x265	25,6		
	BCL5DT	3	2,2	1"1/2	1"1/4		50,5	50,3	49,9	49,6	48,9	48,6	47,4	44,9	44,1	40,0	37,6	33,7	25,8						385x205x242	21,7		
BCL6		4	3	1"1/2	1"1/4		66,3	64,6	63,6	62,6	60,0	59,4	57,3	54,9	54,2	50,2	48,2	44,8	39,0						463x266x305	41		
	BCL6T	4	3	1"1/2	1"1/4		68,9	67,2	65,9	65,2	62,8	62,2	60,2	57,7	56,9	53,0	51,5	49,2	45,6	41,3						463x266x305	41	
BCL7		5,5	4	1"1/2	1"1/4		82,0	80,7	79,6	78,6	76,0	75,5	73,2	71,3	70,5	65,9	64,0	61,0	55,7						463x266x305	44,8		
	BCL7T	5,5	4	1"1/2	1"1/4		82,0	80,7	79,6	78,6	76,5	75,9	73,6	72,0	71,5	68,0	66,3	64,3	60,4	56,1						463x266x305	44,8	
	BCL8T	7,5	5,5	1"1/2	1"1/4		91,3	90,1	89,3	88,4	85,8	85,2	82,9	80,6	79,9	76,2	74,9	72,5	68,9	63,1	56,7						480x266x305	50,5
	BCL9T	7,5	5,5	2"	1"1/4		78,5	78,0	77,7	77,5	76,5	76,3	76,1	75,3	75,0	74,5	74,0	73,1	71,9	70,9	68,9	67,0	64,7	53,1	37,1	605x275x330	70,5	
	BCL9AT	9	6,6	1"1/2	1"1/4		96,1	95,7	95,2	94,7	93,0	92,5	90,5	88,1	87,4	84,2	82,6	80,7	76,5	71,9	66,3	57,7					480x266x305	55
	BCL10T	10	7,5	2"	1"1/4		88,1	87,8	87,7	87,5	87,0	86,7	86,5	85,9	85,7	84,9	84,2	83,1	82,3	80,8	79,3	77,5	75,8	65,9	51,7	605x275x330	77	
	BCL11T	12,5	9,2	2"	1"1/4		95,5	95,0	94,7	94,4	93,6	93,3	92,8	92,1	91,8	90,7	90,2	89,4	88,0	86,4	84,7	83,0	81,3	70,6	56,9	645x275x330	85	
	BCL12T	15	11	2"	1"1/4		100,7	100,6	100,5	100,0	99,8	99,6	99,1	98,9	98,3	97,9	97,2	96,1	94,9	93,3	91,3	89,4	79,8	67,6	42,1	645x275x330	92	

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Irrigua™-3 - CENTRIFUGAL SINGLE STAGE IRRIGATION ELECTRIC PUMPS FOR HIGH CAPACITIES HEAVY DUTY CAST IRON

The ideal pumps for high flow rates at medium/low heads and they are widely used for low pressure irrigation.
Heavy duty construction with high efficiencies and exceptional capacities

Applications:

Suitable for low pressure irrigation, flood and spray irrigation, pumping water from wells, rivers and lakes, for industry and agriculture, domestic, civil, industrial, residential, commercial, washing and hobby uses, gardening, jet washing, stock watering, dairy washdown, vegetable washing, horticulture, hobby farm, turf irrigation, water distribution, household, in-ground tank installation, underground water storage tanks installation, fountains, water features and urban decoration, station washing, nurseries, rain water collection, water circulation, water transfer, air conditioning and cooling systems, etc.

Energy efficient hydraulic design for cost-effective operation.

Easy to install and dismantle for service.



TYPES		HP	kW	DNa-Suction BSP/Gas	DNm-Delivery BSP/Gas	Q = Performance at 2900 rpm															Electric Pump Dimensions in mms	Weight in kg						
1~ 230V 50Hz	3~ 230/400V 50Hz					m³/h	0	3	6	7,5	9	12	15	18	24	30	36	42	48	54	60	72	84	96				
		l/m	0	50	100	125	150	200	250	300	400	500	600	700	800	900	1000	1200	1400	1600								
A1Q-1	A1Q-1T	0,8	0,6	1"1/2	1"1/4		15,0	14,4	13,4	12,9	11,8	9,8	6,5											308x170x222	12,2			
A1H-1	A1H-1T	0,8	0,6	1"1/2	1"1/2		15,0	14,4	13,4	12,9	11,8	9,8	6,5											308x170x222	12,2			
A1Q-2	A1Q-2T	1	0,8	1"1/2	1"1/4		20,7	20,1	19,5	19,1	18,0	16,0	13,1	8,2										308x170x222	13,5			
A1H-2	A1H-2T	1	0,8	1"1/2	1"1/2		20,7	20,1	19,5	19,1	18,0	16,0	13,1	8,2										308x170x222	13,5			
A2-1	A2-1T	0,8	0,6	2"	2"		9,7	9,7	9,5	9,2	8,8	7,5	6,2	4,3										315x178x247	14,2			
A2-2	A2-2T	1	0,8	2"	2"		12,9	12,9	12,7	12,4	11,8	10,6	9,6	7,7										315x178x247	15,5			
A2-3	A2-3T	1,5	1,1	2"	2"		12,9					12,6	12,4	12,2	11,3	10,5	9,4	7,9	6,2					370x218x285	23,3			
	AG2-6CT	2	1,5	2"	2"		14,7		14,5	14,4	14,3	14,0	13,5	13,0	11,7	10,3	8,8	7,0	5,2					360x215x285	21,6			
A2-4	A2-4T	2,2	1,7	2"	2"		14,3					14,0	13,8	13,5	12,8	11,9	10,9	9,7	8,0	6,2					370x218x285	24,3		
AL2-10		1	0,8	2"	2"		17,9	18,0	18,0	17,7	17,2	15,7	13,6	10,8											365x195x240	18,2		
AL2-11	AL2-11T	1,5	1,1	2"	2"		22,5		22,1	21,7	21,2	19,8	18,0	15,8	8,9										365x195x240	19,1		
AL2-20	AL2-20T	1,5	1,1	2"	2"		25,6		24,9	24,7	24,2	23,2	21,6	19,1	12,9	4,1									370x215x280	22,0		
AL2-21	AL2-21T	2	1,5	2"	2"		29,3		28,8	28,3	27,8	26,2	24,1	21,8	16,0	8,2									370x215x280	24,0		
AL2-22	AL2-22T	3	2,2	2"	2"		35,0		34,5	34,0	33,5	32,4	31,1	28,8	23,2	13,9									410x215x280	32,0		
A2-25SS	A2-25SST	1,5	1,1	2"	2"		10,1		9,8	9,7	9,5	9,2	8,8	8,2	7,1	6,0									364x193x253	13,6		
A2-26SS	A2-26SST	2	1,5	2"	2"		13,3		13,1	13,0	12,9	12,7	12,4	11,8	10,8	9,6	8,2	6,7						364x193x253	15,7			
	A22-27SST	3	2,2	2"1/2	2"		15,8		15,5	15,3	15,2	14,9	14,6	14,2	13,3	12,4	11,3	10,4	9,3	8,0					390x193x253	16,9		
	A22-28SST	4	3	2"1/2	2"		18,5		18,0	17,9	17,7	17,4	17,1	16,8	16,1	15,2	14,3	13,3	12,2	10,8	9,4				415x193x253	20,0		
A32-30	A32-30T	3	2,2	3"	2"		26,9		26,8	26,6	26,3	25,8	24,7	23,7	20,6	16,5	10,8								425x240x306	34,5		
A32-31	A32-31T	4	3	3"	2"		32,9		32,8	32,7	32,7	32,4	31,7	30,8	28,6	24,2	19,2	12,7							445x240x306	38,7		
	A32-32T	5,5	4	3"	2"		38,1		38,1	38,1	38,1	38,0	37,4	36,6	34,0	30,3	25,8	19,6							445x240x306	38,7		
A3-40	A3-40T	2,2	1,7	3"	3"		14,4						14,6	14,6	14,2	13,2	12,1	10,2	8,0	4,9					455x225x292	28,3		
A3-41	A3-41T	3	2,2	3"	3"		17,9						18,0	18,0	17,7	16,9	15,8	14,6	12,7	10,2	7,2					455x225x292	31,5	
	A3-42T	4	3	3"	3"		22,1						22,1	22,1	22,0	21,4	20,5	19,5	18,2	16,4	13,9	8,5					455x225x292	31,6
A4-50	A4-50T	4	3	4"	4"		13,9									14,7	14,5	14,3	13,8	13,2	12,5	10,6	8,5	6,3	480x250x330	41,1		
	A4-51T	5,5	4	4"	4"		17,5									18,0	17,8	17,6	17,3	16,8	16,2	14,8	12,6	10,3	480x250x330	41,1		

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Casalinga™ - TURBINE PERIPHERAL BOOSTER ELECTRIC PUMPS

Single Stage Electric Pumps with multivane turbine impeller, generating high lifts with a small power consumption.

Applications:

Suitable for domestic applications where there is insufficient mains water pressure available, to increase the network pressure, household, boiler feed, booster systems, circulation, heating, cooling, circulation, air-conditioning, spraying, chemical industries, etc.; generating high lifts with a small power consumption.

The automatic distribution of water from surge tanks, watering gardens and for boosting insufficient mains water pressure.

These pumps should be installed in a covered area, protected against the weather.

Energy efficient hydraulic design for cost-effective operation.

Trouble-free, compact, easy to install and dismantle for service.



TYPES		HP	kW	DN _a -Suction BSP/Gas	DN _m -Delivery BSP/Gas	Q = Performance at 2900 rpm												Electric Pump Dimensions in mm's	Weight in kg	
1~	3~					m ³ /h	0	0,3	0,6	0,9	1,2	1,8	2,4	3	3,9	4,2	4,8	5,4	5,7	
230V 50Hz	230/400V 50Hz					l/m	0	5	10	15	20	30	40	50	65	70	80	90	95	
250PPU-S	250PPU-ST	0,2	0,15	1/4"	1/4"		37,1	25,8	13,4										206x110x145	4,1
254PL	254PLT	0,5	0,37	1"	1"		41,0	36,1	30,9	25,8	21,6	13,4	5,2						235x120x165	5,6
254PLHS Self Priming	254PLHST	0,5	0,37	1"	1"		41,0	36,1	30,9	25,8	21,6	13,4	5,2						240x120x184	6
255PL	255PLT	0,5	0,37	1"	1"		42,3	37,1	32,4	26,8	23,2	13,9	4,1						260x120x153	5,7
255PLB	255PLBT	0,5	0,37	1"	1"		41,0	36,1	30,9	25,8	21,6	13,4	5,2						260x120x153	5,7
256PLU-L	256PLU-LT	0,7	0,50	3/4"	3/4"		57,7	51,5	44,3	38,1	30,9	19,6	10,3						252x120x170	6,5
-	258PLU-LT	0,8	0,65	3/4"	3/4"		70,0	61,8	53,5	45,3	37,1	22,7	11,3						252x120x170	7,0
258PPU-S	258PPU-ST	0,9	0,65	1/2"	1/2"		48,4	41,2	34,0	26,8	18,5	4,1							250x120x170	6,5
260PLU-L	260PLU-LT	1	0,75	3/4"	3/4"		78,3	70,0	60,8	51,5	41,2	25,8	13,4						268x132x188	8,2
260PL	260PLT	1	0,75	1"	1"		69,0	62,8	57,7	53,6	49,4	40,2	31,9	18,5					263x135x172	9,5
261PL	261PLT	1	0,75	1"	1"		68,0	62,8	57,7	54,6	49,4	40,2	30,9	15,5					290x135x172	9,5
262PLU-L	262PLU-LT	1,2	0,90	3/4"	3/4"		98,9	87,6	77,3	67,0	56,7	35,0	18,5						268x132x188	9,5
262PSU-S	262PSU-ST	1,3	1,00	3/4"	3/4"		56,7	53,6	50,5	47,4	44,3	37,1	30,9	24,7	15,5	12,4	6,2		290x132x187	10,5
263PL	263PLT	1,5	1,10	1"	1"		93,0		83,4	79,2	74,1	62,8	51,5	39,0	18,5				330x162x212	14,5
264PSU-S	264PSU-ST	1,6	1,20	3/4"	3/4"		56,7	53,6	50,5	47,4	44,3	37,1	30,9	24,7	15,5	12,4	6,2		316x152x232	13,3
265PL	265PLT	2	1,50	1"	1"		100,0		90,6	85,4	79,3	67,0	55,6	44,6	28,2	22,7			330x162x212	15,8
266PSU-S	266PSU-ST	2,2	1,60	3/4"	3/4"		92,7	88,2	83,4	79,3	74,2	64,9	56,1	46,4	33,0	28,8	20,1	10,3	316x152x232	13,6

TYPES		HP	kW	DN _a -Suction BSP/Gas	DN _m -Delivery BSP/Gas	Q = Performance at 2900 rpm												Electric Pump Dimensions in mm's	Weight in kg	
1~	3~					m ³ /h	0	0,3	0,6	0,9	1,2	1,8	2,4	3	3,9	4,2	4,8	5,4	5,7	
24V DC	24V DC					l/m	0	5	10	15	20	30	40	50	65	70	80	90	95	
240PPU-S-24V		0,15	0,10	1/4"	1/4"		36,1	25,8	15,5										189x63x90	2,9
240PLU-L-24V		0,15	0,10	1/4"	1/4"		40,2	20,6	3,1										189x63x90	2,8

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- On demand available 50-60Hz dual voltage.

- 255PLB, 255PLBT with pump body and bracket in bronze casting.

Casaself™ - SELF PRIMING TURBINE PERIPHERAL LIQUID RING SIDE CHANNEL AND BRASS STAR IMPELLER ELECTRIC PUMPS

Excellent suction capacity: ideal pumps where gases or air are dissolved in the liquid.

Self priming on the liquid ring system and once filled with liquid are always ready for use.

Designed to remain primed even where gases or air are dissolved in the liquid or when the suction line is not filled with liquid or where the supply of fluid is irregular.

Applications:

ideal pumps where gases or air are dissolved in the liquid :applications where keeping the pump primed is a must, pressure boosting , water distribution, garden irrigation, drawing water from tanks and wells, washing and transfer, heat recovery.



TYPES		HP	kW	DNa-Suction BSP/Gas	DNm- Delivery BSP/Gas	Q= Performance at 2900 rpm							Electric Pump Dimensions in mms	Weight in kg	
1~	230V 50Hz					m3/h	0	0,3	0,6	1,2	1,8	2,4			
						l/m.	0	5	10	20	30	40			
SPML-090	SPL-090T	0,8	0,6	1"	1"	Hm = Total head in meters w.c.	51,7	47,4	42,2	32,4	22,1	11,8	6,2	270x135x172	11,1
SPML-100	SPL-100T	1	0,75	1"	1"		59,2	54,6	49,4	38,1	25,8	13,9	9,3	270x135x172	11,6

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Nordica™ - VERTICAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

Vertical Multistage high heads, silent operation.
Also all stainless steel versions and in-line versions.
High pressure, silent operation, compact, low power consumption.
Pressure increased through stages and keeping fixed flow.
Close-coupled. Rust-proof components.

Applications:

civil and industrial uses, water supply installations, water circulation for domestic use, pressure boosting systems, heating and ventilation, surge tanks supply, liquid transfer, rain water collection, rain irrigation, crop-dusting systems, boiler feed, jockey pumps, firefighting systems, high pressure washing, turf water and irrigation, water treatment, booster systems, water supply, condensate and cooling water systems, water circulation for domestic use, garden irrigation, sprinkler systems, general purpose pumping, cooling and chiller, heat recovery, HVAC, the pumping of all fluids which are compatible with the materials in contact with the liquid.

LEGEND

NV	= pump body in cast iron, impeller and diffuser in noryl
NV...-GS	= pump body in cast iron, impeller and diffuser in stainless steel
NV...-SS	= pump body in stainless steel, impeller and diffuser in stainless steel
NVC	= pump body in cast iron, impeller in brass alloy and diffuser in cast iron
L	= in-line version



TYPES		HP	kW	In-line Version	Pump Body material	Impeller material	Diffuser material	No of Impellers	DN _a (Ø of Suction Inlet Port):	DN _m (Ø of Delivery/Discharge Outlet Port):	Q= Performance at 2900 rpm																			Electric Pump Dimensions in mms	Weight in kg				
1~ 230V 50Hz	3~ 230/ 400V 50Hz										m ³ /h	0	1,8	2,4	3,6	6	8,4	9,6	10,8	12	14,4	15,6	18	19,2	21,6	24	30	33	36	42	54	60	66	78	90
											l/m	0	30	40	60	100	140	160	180	200	240	260	300	320	360	400	500	550	600	700	900	1000	1100	1300	1500
NV50-GS	NV50-GST	1,2	0,9		cast iron	stainless steel	stainless steel	4	1"1/4	1"1/4		48,0	44,6	42,5	39,6	29,7	12,5																	213x229x389	19,5
NV50	NV50T	1,2	0,9		cast iron	noryl	noryl	4	1"1/4	1"1/4		47,8	43,7	42,0	38,0	27,1	8,5																	213x229x389	18,4
NV60-GS	NV60-GST	1,5	1,1		cast iron	stainless steel	stainless steel	5	1"1/4	1"1/4		59,8	55,9	54,2	50,1	37,6	16,1																	220x229x443	22,1
NVL60-GS	NVL60-GST	1,5	1,1	in-line	cast iron	stainless steel	stainless steel	5	1"1/4	1"1/4		59,8	55,9	54,2	50,1	37,6	16,1																	228x160x459	23,7
NVL60-SS	NVL60-SST	1,5	1,1	in-line	stainless steel	stainless steel	stainless steel	5	1"1/4	1"1/4		59,8	55,9	54,2	50,1	37,6	16,1																	228x160x459	22,2
NV60	NV60T	1,5	1,1		cast iron	noryl	noryl	5	1"1/4	1"1/4		59,4	55,5	53,5	48,6	35,6	13,6																	220x229x443	20,7
NVL60	NVL60T	1,5	1,1	in-line	cast iron	noryl	noryl	5	1"1/4	1"1/4		59,4	55,5	53,5	48,6	35,6	13,6																	228x160x459	22,4
NV70-GS	NV70-GST	1,8	1,3		cast iron	stainless steel	stainless steel	6	1"1/4	1"1/4		71,6	67,0	64,9	60,1	45,9	20,3																	220x229x467	23,3
NVL70-GS	NVL70-GST	1,8	1,3	in-line	cast iron	stainless steel	stainless steel	6	1"1/4	1"1/4		71,6	67,0	64,9	60,1	45,9	20,3																	228x160x483	24,9
NVL70-SS	NVL70-SST	1,8	1,3	in-line	stainless steel	stainless steel	stainless steel	6	1"1/4	1"1/4		71,6	67,0	64,9	60,1	45,9	20,3																	228x160x483	23,4
NV70	NV70T	1,8	1,3		cast iron	noryl	noryl	6	1"1/4	1"1/4		72,0	67,0	64,6	58,2	42,0	14,1																220x229x467	21,6	
NVL70	NVL70T	1,8	1,3	in-line	cast iron	noryl	noryl	6	1"1/4	1"1/4		72,0	67,0	64,6	58,2	42,0	14,1																	228x160x483	23,3
NV71	NV71T	1,8	1,3		cast iron	noryl	noryl	4	1"1/4	1"1/4		52,0	49,9	47,8	41,6	31,7	24,8																	220x229x419	21
NVL71	NVL71T	1,8	1,3	in-line	cast iron	noryl	noryl	4	1"1/4	1"1/4		52,0	49,9	47,8	41,6	31,7	24,8																	228x160x435	22,7
NV71-GS	NV71-GST	1,8	1,3		cast iron	stainless steel	stainless steel	4	1"1/4	1"1/4		50,5	48,8	48,2	42,8	33,7	27,3	19,4																220x229x419	22,1
NVL71-GS	NVL71-GST	1,8	1,3	in-line	cast iron	stainless steel	stainless steel	4	1"1/4	1"1/4		50,5	48,8	48,2	42,8	33,7	27,3	19,4																228x160x435	23,8
NVL71-SS	NVL71-SS	1,8	1,3	in-line	stainless steel	stainless steel	stainless steel	4	1"1/4	1"1/4		50,5	48,8	48,2	42,8	33,7	27,3	19,4																228x160x435	22,3

Nordica™ - VERTICAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

TYPES		HP	kW	In-line Version	Pump Body material	Impeller material	Diffuser material	No of Impellers	DN _A (Ø of Suction Inlet Port):	DN _m (Ø of Delivery/Discharge Outlet Port):	Q= Performance at 2900 rpm																			Electric Pump Dimensions in mms	Weight in kg					
1~ 230V 50Hz	3~ 230/ 400V 50Hz										m³/h	0	1,8	2,4	3,6	6	8,4	9,6	10,8	12	14,4	15,6	18	19,2	21,6	24	30	33	36	42	54	60	66	78	90	
		l/m	0	30	40	60	100	140	160	180	200	240	260	300	320	360	400	500	550	600	700	900	1000	1100	1300	1500										
NV80-GS	NV80-GST	2	1,5		cast iron	stainless steel	stainless steel	7	1"1/4	1"1/4	83,8	78,3	75,7	70,1	53,5	23,2																220x229x491	25,4			
NVL80-GS	NVL80-GST	2	1,5	in-line	cast iron	stainless steel	stainless steel	7	1"1/4	1"1/4	83,8	78,3	75,7	70,1	53,5	23,2																228x160x507	27			
NVL80-SS	NVL80-SST	2	1,5	in-line	stainless steel	stainless steel	stainless steel	7	1"1/4	1"1/4	83,8	78,3	75,7	70,1	53,5	23,2																228x160x507	25,5			
NV80	NV80T	2	1,5		cast iron	noryl	noryl	7	1"1/4	1"1/4	83,1	76,3	73,7	67,1	48,5	14,6																220x229x491	23,4			
NVL80	NVL80T	2	1,5	in-line	cast iron	noryl	noryl	7	1"1/4	1"1/4	83,1	76,3	73,7	67,1	48,5	14,6																228x160x507	25,1			
NV81-GS	NV81-GST	2	1,5		cast iron	stainless steel	stainless steel	4	1"1/2	1"1/4	50,1		45,9	42,5	38,1	35,0	31,2	26,4	15,2	9,2												220x229x443	23,9			
NVL81-GS	NVL81-GST	2	1,5	in-line	cast iron	stainless steel	stainless steel	4	1"1/2	1"1/2	50,1		45,9	42,5	38,1	35,0	31,2	26,4	15,2	9,2												248x200x490	29,9			
NVL81-SS	NVL81-SST	2	1,5	in-line	stainless steel	stainless steel	stainless steel	4	1"1/2	1"1/2	50,1		45,9	42,5	38,1	35,0	31,2	26,4	15,2	9,2												248x200x490	28,1			
NV81	NV81T	2	1,5		cast iron	noryl	noryl	4	1"1/2	1"1/4	49,6		45,9	42,9	38,1	34,7	30,7	26,0	15,4	9,4												220x229x443	22,6			
NVL81	NVL81T	2	1,5	in-line	cast iron	noryl	noryl	4	1"1/2	1"1/2	49,6		45,9	42,9	38,1	34,7	30,7	26,0	15,4	9,4												248x200x490	28,6			
NV90-GS	NV90-GST	2,5	1,85		cast iron	stainless steel	stainless steel	8	1"1/4	1"1/4	98,0	89,4	86,8	80,6	62,6	28,3																220x229x515	26,2			
NVL90-GS	NVL90-GST	2,5	1,85	in-line	cast iron	stainless steel	stainless steel	8	1"1/4	1"1/4	98,0	89,4	86,8	80,6	62,6	28,3																228x160x531	28			
NVL90-SS	NVL90-SST	2,5	1,85	in-line	stainless steel	stainless steel	stainless steel	8	1"1/4	1"1/4	98,0	89,4	86,8	80,6	62,6	28,3																228x160x531	26,4			
NV90	NV90T	2,5	1,85		cast iron	noryl	noryl	8	1"1/4	1"1/4	97,3	87,9	84,6	77,0	57,2	21,3																220x229x515	24			
NVL90	NVL90T	2,5	1,85	in-line	cast iron	noryl	noryl	8	1"1/4	1"1/4	97,3	87,9	84,6	77,0	57,2	21,3																228x160x531	25,7			
NV91	NV91T	2,5	1,85		cast iron	noryl	noryl	5	1"1/4	1"1/4	67,9		63,2	60,8	53,6	41,4	32,1															220x229x443	23			
NVL91	NVL91T	2,5	1,85	in-line	cast iron	noryl	noryl	5	1"1/4	1"1/4	67,9		63,2	60,8	53,6	41,4	32,1															228x160x459	24,7			
NV91-GS	NV91-GST	2,5	1,85		cast iron	stainless steel	stainless steel	5	1"1/4	1"1/4	65,5		61,6	60,8	54,7	43,7	35,8	24,2															220x229x443	24,5		
NVL91-GS	NVL91-GST	2,5	1,85	in-line	cast iron	stainless steel	stainless steel	5	1"1/4	1"1/4	65,5		61,6	60,8	54,7	43,7	35,8	24,2															228x160x459	26,1		
NV91-SS	NV91-SST	2,5	1,85	in-line	stainless steel	stainless steel	stainless steel	5	1"1/4	1"1/4	65,5		61,6	60,8	54,7	43,7	35,8	24,2															228x160x459	24,6		
NV92-GS	NV92-GST	2,5	1,85		cast iron	stainless steel	stainless steel	5	1"1/2	1"1/4	62,6		57,3	53,5	47,9	44,4	39,7	33,9	20,2	12,7													220x229x473	24,8		
NVL92-GS	NVL92-GST	2,5	1,85	in-line	cast iron	stainless steel	stainless steel	5	1"1/2	1"1/2	62,6		57,3	53,5	47,9	44,4	39,7	33,9	20,2	12,7													248x200x520	30,8		
NVL92-SS	NVL92-SST	2,5	1,85	in-line	stainless steel	stainless steel	stainless steel	5	1"1/2	1"1/2	62,6		57,3	53,5	47,9	44,4	39,7	33,9	20,2	12,7													248x200x520	29		
NV92	NV92T	2,5	1,85		cast iron	noryl	noryl	5	1"1/2	1"1/4	61,8		56,9	52,9	47,2	42,9	37,9	32,1	18,5	10,6													220x229x473	23,2		
NVL92	NVL92T	2,5	1,85	in-line	cast iron	noryl	noryl	5	1"1/2	1"1/2	61,8		56,9	52,9	47,2	42,9	37,9	32,1	18,5	10,6													248x200x520	29,2		
NV93-GST		2,5	1,85		cast iron	stainless steel	stainless steel	3	2"	1"1/2	38,1		35,4	33,6	32,7	31,7	30,7	28,6	27,4	25,0	23,6	20,0	15,0												220x229x451	28,6
NVL93-GST		2,5	1,85	in-line	cast iron	stainless steel	stainless steel	3	2"	2"	38,1		35,4	33,6	32,7	31,7	30,7	28,6	27,4	25,0	23,6	20,0	15,0												248x200x492	33,5
NVL93-SS	NVL93-SST	2,5	1,85	in-line	stainless steel	stainless steel	stainless steel	3	2"	2"	38,1		35,4	33,6	32,7	31,7	30,7	28,6	27,4	25,0	23,6	20,0	15,0												248x200x492	31,6
NV93T	NV93T	2,5	1,85		cast iron	noryl	noryl	3	2"	1"1/2	36,8		34,3	33,2	32,4	31,4	30,4	27,8	26,3	22,9	20,9	16,5	12,1												220x229x451	27,2
NVL93T	NVL93T	2,5	1,85	in-line	cast iron	noryl	noryl	3	2"	2"	36,8		34,3	33,2	32,4	31,4	30,4	27,8	26,3	22,9	20,9	16,5	12,1												248x200x492	32,1
NV100-GS	NV100-GST	3	2,2		cast iron	stainless steel	stainless steel	10	1"1/4	1"1/4	117,3	109,5	105,9	98,2	76,0	32,3																	228x229x608	29,5		
NVL100-GS	NVL100-GST	3	2,2	in-line	cast iron	stainless steel	stainless steel	10	1"1/4	1"1/4	117,3	109,5	105,9	98,2	76,0	32,3																236x160x624	31,4			
NVL100-SS	NVL100-SST	3	2,2	in-line	stainless steel	stainless steel	stainless steel	10	1"1/4	1"1/4	117,3	109,5	105,9	98,2	76,0	32,3															236x160x624	29,9				
NV100	NV100T	3	2,2		cast iron	noryl	noryl	10	1"1/4	1"1/4	115,8	106,9	102,9	92,7	66,6	23,2															228x229x608	26,7				
NVL100	NVL100T	3	2,2	in-line	cast iron	noryl	noryl	10	1"1/4	1"1/4	115,8	106,9	102,9	92,7	66,6	23,2															236x160x624	28,6				
NV101-GS	NV101-GST	3	2,2		cast iron	stainless steel	stainless steel	9	1"1/4	1"1/4	106,4	99,7	96,2	88,9	68,7	29,9															228x229x584	28,8				
NVL101-GS	NVL101-GST	3	2,2	in-line	cast iron	stainless steel	stainless steel	9	1"1/4	1"1/4	106,4	99,7	96,2	88,9	68,7	29,9															236x160x600	30,8				
NVL10																																				

Nordica™ - VERTICAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

TYPES		HP	kW	In-line Version	Pump Body material	Impeller material	Diffuser material	No of Impellers	DN _A (Ø of Suction Inlet Port):	DN _m (Ø of Delivery/Discharge Outlet Port):	Q= Performance at 2900 rpm																				Electric Pump Dimensions in mms	Weight in kg		
1~ 230V 50Hz	3~ 230/ 400V 50Hz										m ³ /h	0	1,8	2,4	3,6	6	8,4	9,6	10,8	12	14,4	15,6	18	19,2	21,6	24	30	33	36	42	54	60	66	78
		l/m	0	30	40	60	100	140	160	180	200	240	260	300	320	360	400	500	550	600	700	900	1000	1100	1300	1500								
NV102	NV102T	3	2,2		cast iron	noryl	noryl	6	1"1/4	1"1/4	77,5	74,2	71,0	61,9	47,0	36,8																228x229x567	25,5	
NVL102	NVL102T	3	2,2	in-line	cast iron	noryl	noryl	6	1"1/4	1"1/4	77,5	74,2	71,0	61,9	47,0	36,8																236x160x528	27,3	
NV102-GS	NV102-GST	3	2,2		cast iron	stainless steel	stainless steel	6	1"1/4	1"1/4	74,5	73,2	71,9	64,1	50,3	40,2	26,9															228x229x567	27,3	
NVL102-GS	NVL102-GST	3	2,2	in-line	cast iron	stainless steel	stainless steel	6	1"1/4	1"1/4	74,5	73,2	71,9	64,1	50,3	40,2	26,9															236x160x528	29	
NVL102-SS	NVL102-SST	3	2,2	in-line	stainless steel	stainless steel	stainless steel	6	1"1/4	1"1/4	74,5	73,2	71,9	64,1	50,3	40,2	26,9															236x160x528	27,5	
NV103-GS	NV103-GST	3	2,2		cast iron	stainless steel	stainless steel	6	1"1/2	1"1/4	74,5	67,5	62,5	56,2	52,2	46,7	39,4	23,0	13,2													228x229x548	27,9	
NVL103-GS	NVL103-GST	3	2,2	in-line	cast iron	stainless steel	stainless steel	6	1"1/2	1"1/2	74,5	67,5	62,5	56,2	52,2	46,7	39,4	23,0	13,2													256x200x595	33,8	
NVL103-SS	NVL103-SST	3	2,2	in-line	stainless steel	stainless steel	stainless steel	6	1"1/2	1"1/2	74,5	67,5	62,5	56,2	52,2	46,7	39,4	23,0	13,2													256x200x595	32	
NV103	NV103T	3	2,2		cast iron	noryl	noryl	6	1"1/2	1"1/4	72,1	66,3	61,4	54,1	49,0	42,7	35,8	19,2	11,1													228x229x548	25,9	
NVL103	NVL103T	3	2,2	in-line	cast iron	noryl	noryl	6	1"1/2	1"1/2	72,1	66,3	61,4	54,1	49,0	42,7	35,8	19,2	11,1													256x200x595	31,8	
NV110-GS	NV110-GST	3,5	2,5		cast iron	stainless steel	stainless steel	11	1"1/4	1"1/4	128,4	118,9	114,9	105,6	79,9	33,0															228x229x632	32,8		
NVL110-GS	NVL110-GST	3,5	2,5	in-line	cast iron	stainless steel	stainless steel	11	1"1/4	1"1/4	128,4	118,9	114,9	105,6	79,9	33,0															236x160x648	34,7		
NVL110-SS	NVL110-SST	3,5	2,5	in-line	stainless steel	stainless steel	stainless steel	11	1"1/4	1"1/4	128,4	118,9	114,9	105,6	79,9	33,0															236x160x648	33,2		
NV110	NV110T	3,5	2,5		cast iron	noryl	noryl	11	1"1/4	1"1/4	125,2	114,3	109,4	98,6	70,3	24,2															228x229x632	29,7		
NVL110	NVL110	3,5	2,5	in-line	cast iron	noryl	noryl	11	1"1/4	1"1/4	125,2	114,3	109,4	98,6	70,3	24,2															236x160x648	31,6		
NV111T	NV111T	3,5	2,57		cast iron	noryl	noryl	7	1"1/4	1"1/4	90,1	86,1	82,1	71,6	55,0	43,4															228x229x530	25,9		
NVL111T	NVL111T	3,5	2,57	in-line	cast iron	noryl	noryl	7	1"1/4	1"1/4	90,1	86,1	82,1	71,6	55,0	43,4															236x160x552	27,7		
NV111-GST	NV111-GST	3,5	2,57		cast iron	stainless steel	stainless steel	7	1"1/4	1"1/4	86,3	83,5	81,6	72,1	56,4	45,1	29,8														228x229x530	28		
NVL111-GST	NVL111-GST	3,5	2,57	in-line	cast iron	stainless steel	stainless steel	7	1"1/4	1"1/4	86,3	83,5	81,6	72,1	56,4	45,1	29,8														236x160x552	29		
NVL111-SST	NVL111-SST	3,5	2,57	in-line	stainless steel	stainless steel	stainless steel	7	1"1/4	1"1/4	86,3	83,5	81,6	72,1	56,4	45,1	29,8														236x160x552	27,5		
NV120T	NV120T	4	3		cast iron	noryl	noryl	8	1"1/4	1"1/4	102,5	99,1	95,5	84,7	67,0	53,5															228x229x560	28,8		
NVL120T	NVL120T	4	3	in-line	cast iron	noryl	noryl	8	1"1/4	1"1/4	102,5	99,1	95,5	84,7	67,0	53,5															228x229x560	28,8		
NV120-GST	NV120-GST	4	3		cast iron	stainless steel	stainless steel	8	1"1/4	1"1/4	98,6	96,2	94,3	84,4	67,4	54,4	35,3														228x229x560	31,2		
NVL120-GST	NVL120-GST	4	3	in-line	cast iron	stainless steel	stainless steel	8	1"1/4	1"1/4	98,6	96,2	94,3	84,4	67,4	54,4	35,3														236x160x576	33,3		
NVL120-SST	NVL120-SST	4	3	in-line	stainless steel	stainless steel	stainless steel	8	1"1/4	1"1/4	98,6	96,2	94,3	84,4	67,4	54,4	35,3															236x160x576	31,5	
NV121-GST	NV121-GST	4	3		cast iron	stainless steel	stainless steel	7	1"1/2	1"1/4	86,1	79,5	74,5	67,2	62,5	56,0	47,2	28,0	16,4													228x229x578	31,2	
NVL121-GST	NVL121-GST	4	3	in-line	cast iron	stainless steel	stainless steel	7	1"1/2	1"1/2	86,1	79,5	74,5	67,2	62,5	56,0	47,2	28,0	16,4													256x200x625	37,6	
NVL121-SST	NVL121-SST	4	3	in-line	stainless steel	stainless steel	stainless steel	7	1"1/2	1"1/2	86,1	79,5	74,5	67,2	62,5	56,0	47,2	28,0	16,4													256x200x625	35,5	
NV121T	NV121T	4	3		cast iron	noryl	noryl	7	1"1/2	1"1/4	84,8	78,8	73,6	65,6	59,6	52,2	43,4	22,3	11,6													228x229x578	28,8	
NVL121T	NVL121T	4	3	in-line	cast iron	noryl	noryl	7	1"1/2	1"1/2	84,8	78,8	73,6	65,6	59,6	52,2	43,4	22,3	11,6													256x200x625	35	
NV122-GST	NV122-GST	4	3		cast iron	stainless steel	stainless steel	4	2"	1"1/2	50,4		47,5	45,2	44,1	42,9	41,5	39,0	37,4	34,5	32,5	27,4	20,3										228x229x534	31,1
NVL122-GST	NVL122-GST	4	3	in-line	cast iron	stainless steel	stainless steel	4	2"	2"	50,4		47,5	45,2	44,1	42,9	41,5	39,0	37,6	34,5	32,5	27,4	20,3										256x200x575	36,1
NVL122-SST	NVL122-SST	4	3	in-line	stainless steel	stainless steel	stainless steel	4	2"	2"	50,4		47,5	45,2	44,1	42,9	41,5	39,0	37,6	34,5	32,5	27,4	20,3										256x200x575	34,2
NV122T	NV122T	4	3		cast iron	noryl	noryl	4	2"	1"1/2	49,3		46,6	45,5	44,8	43,7	42,5	39,3	37,4	32,4	29,7	23,7	17,4										228x229x534	29,2
NVL122T	NVL122T	4	3	in-line	cast iron	noryl	noryl	4	2"	2"	49,3		46,6	45,5	44,8	43,7	42,5	39,3	37,4	32,4	29,7	23,7	17,4										256x200x575	34,2
NV130T	NV130T	4,5	3,31		cast iron	noryl	noryl	9	1"1/4	1"1/4	116,3	112,8	108,5	96,4	76,3	62,2															243x235x617	33,3		
NVL130T	NVL130T	4,5	3,31	in-line	cast iron	noryl	noryl	9	1"1/4	1"1/4	116,3	112,8	108,5	96,4	76,3	62,2															243x235x617	33,3		
NV130-GST	NV130-GST	4,5	3,31</																															

Nordica™ - VERTICAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

TYPES		HP	kW	In-line Version	Pump Body material	Impeller material	Diffuser material	No of Impellers	DNm (Ø of Suction Inlet Port):	Delivery/Discharge Outlet Port:	Q= Performance at 2900 rpm																				Electric Pump Dimensions in mms	Weight in kg							
1~ 230V 50Hz	3~ 230/ 400V 50Hz										m³/h	0	1,8	2,4	3,6	6	8,4	9,6	10,8	12	14,4	15,6	18	19,2	21,6	24	30	33	36	42	54	60	66	78	90				
											l/m	0	30	40	60	100	140	160	180	200	240	260	300	320	360	400	500	550	600	700	900	1000	1100	1300	1500				
NV131-GST	4,5	3,3		cast iron	stainless steel	stainless steel		8	1"1/2	1"1/4		100,3		92,4	86,8	79,3	74,3	67,4	57,4	34,7	21,9													243x235x641	35,9				
NVL131-GST	4,5	3,3	in-line	cast iron	stainless steel	stainless steel		8	1"1/2	1"1/2		100,9		92,4	86,8	79,3	74,3	67,4	57,4	34,7	21,9													271x200x688	41,3				
NVL131-SST	4,5	3,3	in-line	stainless steel	stainless steel	stainless steel		8	1"1/2	1"1/2		100,3		92,4	86,8	79,3	74,3	67,4	57,4	34,7	21,9													271x200x688	39,5				
NV131T	4,5	3,3		cast iron	noryl	noryl		8	1"1/2	1"1/4		97,4		91,3	85,8	77,4	70,7	62,4	52,3	29,3	13,7													243x235x641	33,2				
NVL131T	4,5	3,3	in-line	cast iron	noryl	noryl		8	1"1/2	1"1/2		97,4		91,3	85,8	77,4	70,7	62,4	52,3	29,3	13,7													271x200x688	38,6				
NV132T	4,5	3,3		cast iron	noryl	noryl		5	2"	1"1/2		61,7			58,5	56,6	55,3	53,8	52,2	48,0	45,4	39,7	36,6	29,7	22,0												243x235x605	33,9	
NVL132T	4,5	3,3	in-line	cast iron	noryl	noryl		5	2"	2"		61,7			58,5	56,6	55,3	53,8	52,2	48,0	45,4	39,7	36,6	29,7	22,0												271x200x646	38,1	
NV132-GST	4,5	3,3		cast iron	stainless steel	stainless steel		5	2"	1"1/2		60,7			56,8	54,3	52,9	51,5	49,9	46,7	45,1	41,6	39,4	33,1	25,2												243x235x605	36,2	
NVL132-GST	4,5	3,3	in-line	cast iron	stainless steel	stainless steel		5	2"	2"		60,7			56,8	54,3	52,9	51,5	49,9	46,7	45,1	41,6	39,4	33,1	25,2													271x200x646	40,4
NVL132-SST	4,5	3,3	in-line	stainless steel	stainless steel	stainless steel		5	2"	2"		60,7			56,8	54,3	52,9	51,5	49,9	46,7	45,1	41,6	39,4	33,1	25,2													271x200x646	38,5
NV140-GST	5	3,7		cast iron	stainless steel	stainless steel		9	1"1/2	1"1/4		112,1		103,0	96,5	87,9	82,2	74,3	62,7	37,2	24,1													243x235x671	36,7				
NVL140-GST	5	3,7	in-line	cast iron	stainless steel	stainless steel		9	1"1/2	1"1/2		112,1		103,0	96,5	87,9	82,2	74,3	62,7	37,2	24,1													271x200x718	42,1				
NVL140-SST	5	3,7	in-line	stainless steel	stainless steel	stainless steel		9	1"1/2	1"1/2		112,1		103,0	96,5	87,9	82,2	74,3	62,7	37,2	24,1													271x200x718	40,3				
NV140T	5	3,7		cast iron	noryl	noryl		9	1"1/2	1"1/4		108,5		101,9	95,6	85,6	77,8	68,1	57,0	30,3	14,6													243x235x671	33,7				
NVL140T	5	3,7	in-line	cast iron	noryl	noryl		9	1"1/2	1"1/2		108,5		101,9	95,6	85,6	77,8	68,1	57,0	30,3	14,6													271x200x718	39,1				
NV150T	5,5	4		cast iron	noryl	noryl		10	1"1/4	1"1/4		130,3		127,0	122,8	109,7	88,9	73,0																	243x235x641	36,3			
NVL150T	5,5	4	in-line	cast iron	noryl	noryl		10	1"1/4	1"1/4		130,3		127,0	122,8	109,7	88,9	73,0																251x160x657	38				
NV150-GST	5,5	4		cast iron	stainless steel	stainless steel		10	1"1/4	1"1/4		124,7		123,3	122,5	112,3	92,7	77,8	58,0															243x235x641	39,4				
NVL150-GST	5,5	4	in-line	cast iron	stainless steel	stainless steel		10	1"1/4	1"1/4		124,7		123,3	122,5	112,3	92,7	77,8	58,0														251x160x657	41					
NVL150-SST	5,5	4	in-line	stainless steel	stainless steel	stainless steel		10	1"1/4	1"1/4		124,7		123,3	122,5	112,3	92,7	77,8	58,0														251x160x657	39,5					
NV151-GST	5,5	4		cast iron	stainless steel	stainless steel		10	1"1/2	1"1/4		125,2		115,9	109,6	100,3	94,5	85,6	73,4	44,7	28,8													243x235x701	40				
NVL151-GST	5,5	4	in-line	cast iron	stainless steel	stainless steel		10	1"1/2	1"1/2		125,2		115,9	109,6	100,3	94,5	85,6	73,4	44,7	28,8													271x200x748	45,5				
NVL151-SST	5,5	4	in-line	stainless steel	stainless steel	stainless steel		10	1"1/2	1"1/2		125,2		115,9	109,6	100,3	94,5	85,6	73,4	44,7	28,8													271x200x748	43,7				
NV151T	5,5	4		cast iron	noryl	noryl		10	1"1/2	1"1/4		120,8		114,1	108,4	98,1	90,1	79,5	67,4	38,8	22,3													243x235x701	36,7				
NVL151T	5,5	4	in-line	cast iron	noryl	noryl		10	1"1/2	1"1/2		120,8		114,1	108,4	98,1	90,1	79,5	67,4	38,8	22,3													271x200x748	42,1				
NV152T	5,5	4		cast iron	noryl	noryl		6	2"	1"1/2		74,3			70,9	69,2	68,1	66,4	64,5	59,6	56,7	50,1	46,1	37,0	27,5													243x235x642	37,1
NVL152T	5,5	4	in-line	cast iron	noryl	noryl		6	2"	2"		74,3			70,9	69,2	68,1	66,4	64,5	59,6	56,7	50,1	46,1	37,0	27,5													271x200x683	41,5
NV152-GST	5,5	4		cast iron	stainless steel	stainless steel		6	2"	1"1/2		73,2		69,1	66,2	64,6	63,1	61,5	58,0	56,0	51,8	48,8	41,8	32,7													243x235x642	40	
NVL152-GST	5,5	4	in-line	cast iron	stainless steel	stainless steel		6	2"	2"		73,2		69,1	66,2	64,6	63,1	61,5	58,0	56,0	51,8	48,8	41,8	32,7													271x200x683	44,4	
NVL152-SST	5,5	4	in-line	stainless steel	stainless steel	stainless steel		6	2"	2"		73,2		69,1	66,2	64,6	63,1	61,5	58,0	56,0	51,8	48,8	41,8	32,7													271x200x683	42,5	
NV160T	7,5	5,5		cast iron	noryl	noryl		8	2"	1"1/2		99,1			95,5	93,0	91,4	89,5	87,2	81,1	77,2	67,3	61,7	49,4	36,6													253x255x763	46,6
NVL160T	7,5	5,5	in-line	cast iron	noryl	noryl		8	2"	2"		99,1			95,5	93,0	91,4	89,5	87,2	81,1	77,2	67,3	61,7	49,4	36,6													280x200x804	50,4
NV160-GST	7,5	5,5		cast iron	stainless steel	stainless steel		8	2"	1"1/2		98,9			93,8	90,9	89,0	86,7	84,4	79,6	77,1	71,3	67,7	57,8	44,6													253x255x763	50,4
NVL160-GST	7,5	5,5	in-line	cast iron	stainless steel	stainless steel		8	2"	2"		98,9			93,8	90,9	89,0	86,7	84,4	79,6	77,1	71,3	67,7	57,8	44,6													280x200x804	54,3
NVL160-SST	7,5	5,5	in-line	stainless steel	stainless steel	stainless steel		8	2"	2"		98,9			93,8	90,9	89,0	86,7	84,4	79,6	77,1	71,3	67,7	57,8	44,6													280x200x804	52,4
NVC1																																							

Nordica™ - VERTICAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

TYPES		HP	kW	In-line Version	Pump Body material	Impeller material	Diffuser material	No of Impellers	DNs (Ø of Suction Inlet Port):	DNm (Ø of Delivery/Discharge Outlet Port):	Q= Performance at 2900 rpm																			Electric Pump Dimensions in mms	Weight in kg							
1~ 230V 50Hz	3~ 230/ 400V 50Hz										m³/h	0	1,8	2,4	3,6	6	8,4	9,6	10,8	12	14,4	15,6	18	19,2	21,6	24	30	33	36	42								
											l/m	0	30	40	60	100	140	160	180	200	240	260	300	320	360	400	500	550	600	700	900	1000	1100	1300	1500			
NVC191T	10	7,5		cast iron	brass alloy	cast iron	cast iron	4	50	40		123,5				112,2	108,4	106,2	103,8	101,1	95,0	91,6	84,2	80,1	71,3	61,5	33,0								355x306x943	155		
NVC192T	10	7,5		cast iron	brass alloy	cast iron	cast iron	2	50	40		79,6					74,1	73,6	73,0	71,5	70,7	68,8	67,7	65,3	62,7	54,6	49,9	44,7	32,8								355x306x841	135
NVC200T	12,5	9,2		cast iron	brass alloy	cast iron	cast iron	5	50	40		158,0				143	138,5	135,0	131,7	128,5	121,3	117,3	108,6	103,8	93,6	82,4	50,1									355x306x1033	171	
NVC201T	12,5	9,2		cast iron	brass alloy	cast iron	cast iron	3	50	40		113,1					103,0	102,3	101,5	99,5	98,2	95,2	93,5	89,6	85,1	71,2	62,9	53,5	32,0								355x306x931	150
NVC210T	15	11		cast iron	brass alloy	cast iron	cast iron	6	50	40		182,8				167	161	157,0	153,8	150,1	141,2	136,0	124,1	117,4	102,5	85,7										355x306x1084	189	
NVC211T	15	11		cast iron	brass alloy	cast iron	cast iron	3	50	40		119,8					113,4	112,7	112,0	110,0	108,8	106,1	104,5	100,8	96,7	83,8	76,1	67,5	47,8								355x306x931	160
NVC212T	15	11		cast iron	brass alloy	cast iron	cast iron	2	65	50		83,0									78,5	77,0	73,0	71,0	69,0	63,0	46,0	34,0							380x332x914	175		
NVC220T	20	15		cast iron	brass alloy	cast iron	cast iron	8	50	40		244,8				227,1	221,7	217,9	213,4	208,2	195,6	188,2	171,3	161,8	140,5	116,4									410x306x1284	223		
NVC221T	20	15		cast iron	brass alloy	cast iron	cast iron	4	50	40		159,1				150,3	149,2	147,9	145,0	143,3	139,5	137,4	132,7	127,5	111,9	102,7	92,7	69,8								410x306x1064	192	
NVC222T	20	15		cast iron	brass alloy	cast iron	cast iron	3	65	50		116,3									110,5	109,0	103,0	98,0	94,0	85,0	59,0	42,0							435x332x1056	208		
NVC223T	20	15		cast iron	brass alloy	cast iron	cast iron	2	65	50		82,6												79,0	78,0	76,0	70,0	66,0	62,0	51,0	38,0	435x332x996	175					
NVC230T	25	18,5		cast iron	brass alloy	cast iron	cast iron	5	50	40		199,5				184,5	183,0	181,3	177,5	175,3	170,6	167,9	162,2	155,8	137,1	126,2	114,3	87,6								410x306x1158	219	
NVC231T	25	18,5		cast iron	brass alloy	cast iron	cast iron	3	65	50		134,6									128,5	126,0	119,0	116,0	111,0	102,0	80,0	66,0	54,0							435x332x1099	227	
NVC232T	25	18,5		cast iron	brass alloy	cast iron	cast iron	3	65	50		107,0												103,0	101,0	98,0	88,0	83,0	77,0	63,0	45,0	435x332x1099	208					
NVC240T	30	22		cast iron	brass alloy	cast iron	cast iron	6	50	40		230,5				218,7	217,1	215,2	210,8	208,3	202,8	199,7	193,0	185,4	163,2	150,2	135,9	103,8								410x306x1209	238	
NVC241T	30	22		cast iron	brass alloy	cast iron	cast iron	4	65	50		165,8									160,3	157,0	150,0	145,0	140,0	128,0	99,0	79,0	58,0						435x332x1159	247		
NVC242T	30	22		cast iron	brass alloy	cast iron	cast iron	3	65	50		122,4												117,0	116,0	112,0	102,0	96,0	89,0	73,0	56,0	435x332x1099	227					
NVC250T	40	30		cast iron	brass alloy	cast iron	cast iron	5	65	50		223,2									211,2	208,0	200,0	194,0	188,0	174,0	136,0	114,0	90,0						450x332x1246	330		
NVC251T	40	30		cast iron	brass alloy	cast iron	cast iron	4	65	50		159,1												155,0	153,0	147,0	134,0	126,0	117,0	97,0	73,0	450x332x1186	247					
NVC260T	50	37		cast iron	brass alloy	cast iron	cast iron	6	65	50		266,1									256,0	252,0	239,0	233,0	225,0	209,0	165,0	135,0	100,0						450x332x1306	369		
NVC261T	50	37		cast iron	brass alloy	cast iron	cast iron	5	65	50		201,5												191,0	188,0	181,0	164,0	154,0	143,0	119,0	91,0	450x332x1246	330					

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Buta™ - HORIZONTAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

Horizontal Multistage high heads, silent operation.
 Also all stainless steel versions.
 Pressure increased through stages and keeping fixed flow.

Applications:

civil and industrial uses, water supply installations, water circulation for domestic use, pressure boosting systems, heating and ventilation, surge tanks supply, liquid transfer, rain water collection, rain irrigation, crop-dusting systems, boiler feed, jockey pumps, firefighting systems, high pressure washing, turf water and irrigation, water treatment, booster systems, water supply, condensate and cooling water systems, water circulation for domestic use, garden irrigation, sprinkler systems, general purpose pumping, cooling and chiller, heat recovery, HVAC, the pumping of all fluids which are compatible with the materials in contact with the liquid.

LEGEND

Pump identification codes:

BH = pump body in stainless steel, impeller and diffuser in noryl

BH...-SS = pump body in stainless steel, impeller and diffuser in stainless steel

BHC = pump body in cast iron, impeller in brass alloy and diffuser in cast iron



TYPES		HP	kW	Pump Body material	Impeller material	Diffuser material	No of Impellers	DN _a (Ø of Suction Inlet Port)	DN _m (Ø of Delivery/Discharge Outlet Port)	Q = Performance at 2900 rpm																								Electric Pump Dimensions in mms	Weight in kg							
1~ 230V 50Hz	3~ 230/400V 50Hz									m ³ /h	0	0,6	1,2	1,8	2,4	3,6	4,8	6	7,2	8,4	9	9,6	10,8	12	14,4	15	18	19,2	21	24	25,2	30	33	36	42	54	60	66	72	84	93	
										I/m	0	10	20	30	40	60	80	100	120	140	150	160	180	200	240	250	300	320	350	400	420	500	550	600	700	900	1000	1100	1200	1400	1550	
BH10-SS	BH10-SST	0,5	0,37	stainless steel	stainless steel	stainless steel	2	1"	1"		23,0	22,1	20,5	19,0	17,1	12,6	6,9																								331x176x195	6,9
BH10	BH10T	0,5	0,37	stainless steel	noryl	noryl	2	1"	1"		21,0	20,0	18,5	16,5	14,8	10,6	5,9																							331x176x195	6,3	
BH20-SS	BH20-SST	0,7	0,5	stainless steel	stainless steel	stainless steel	3	1"	1"		33,7	32,5	30,5	28,0	25,2	18,4	10,1																							331x176x195	8	
BH20	BH20T	0,7	0,5	stainless steel	noryl	noryl	3	1"	1"		31,0	29,2	26,7	24,2	21,5	15,1	7,8																							331x176x195	7,2	
BH21-SS	BH21-SST	0,7	0,5	stainless steel	stainless steel	stainless steel	2	1"	1"		23,6		21,6	20,7	18,7	15,9	12,8	8,9	3,8																			331x176x195	7,7			
BH21	BH21T	0,7	0,5	stainless steel	noryl	noryl	2	1"	1"		23,0		20,9	19,9	17,8	15,1	11,9	7,9	2,8																			331x176x195	7,1			
BH30-SS	BH30-SST	0,8	0,6	stainless steel	stainless steel	stainless steel	4	1"	1"		46,8	44,2	41,4	37,8	34,5	25,7	15,0																						355x176x195	9,4		
BH30	BH30T	0,8	0,6	stainless steel	noryl	noryl	4	1"	1"		43,1	39,7	36,5	33,1	29,2	21,0	11,5																						355x176x195	8,3		
BH31-SS	BH31-SST	0,8	0,6	stainless steel	stainless steel	stainless steel	3	1"	1"		35,9		32,4	31,2	28,3	24,8	20,3	14,2	7,1																			357x176x203	10,3			
BH31	BH31T	0,8	0,6	stainless steel	noryl	noryl	3	1"	1"		35,3		31,6	30,3	27,3	23,7	18,8	13,1	4,9																				357x176x203	9,5		
BH40-SS	BH40-SST	1	0,75	stainless steel	stainless steel	stainless steel	5	1"	1"		58,4	55,0	51,8	48,0	43,5	32,9	18,9																						402x176x203	12		
BH40	BH40T	1	0,75	stainless steel	noryl	noryl	5	1"	1"		55,1	50,4	46,6	42,2	37,4	26,7	15,1																						402x176x203	10,6		
BH41	BH41T	1	0,75	stainless steel	noryl	noryl	4	1"	1"		45,4	42,9	41,4	38,9	35,3	26,3	13,1																					410x175x215	11,1			
BH42	BH42T	1	0,75	stainless steel	noryl	noryl	2	1"1/4	1"		26,2		24,6	23,2	21,7	19,9	17,5	14,7	13,1	11,3																		356x178x203	10			
BH42-SS	BH42-SST	1	0,75	stainless steel	stainless steel	stainless steel	2	1"1/4	1"		24,9		23,8	23,0	21,7	20,0	17,9	15,0	13,4	11,7	7,8																		356x178x203	10,6		
BH43	BH43T	1	0,75	stainless steel	noryl	noryl	2	1"1/2	1"1/4		24,3		22,1	21,2	20,3	19,1	17,8	17,0	16,2	14,3	12,2	7,6																	375x176x203	10,1		
BH43-SS	BH43-SST	1	0,75	stainless steel	stainless steel	stainless steel	2	1"1/2	1"1/4		25,2		22,1	21,2	20,0	18,9	17,7	17,0	16,2	14,1	12,1	7,1																	375x176x203	10,8		

Buta™ - HORIZONTAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

TYPES		HP	kW	Pump Body material	Impeller material	Diffuser material	No of Impellers	DN _a	DNm (Ø of Delivery/ Ø of Suction Inlet Port):	Q = Performance at 2900 rpm																										Electric Pump Dimensions in mms	Weight in kg					
1~ 230V 50Hz	3~ 230/ 400V 50Hz									m ³ /h	0	0,6	1,2	1,8	2,4	3,6	4,8	6	7,2	8,4	9	9,6	10,8	12	14,4	15	18	19,2	21	24	25,2	30	33	36	42	54	60	66	72	84	93	
		l/m	0	10	20	30	40	60	80	100	120	140	150	160	180	200	240	250	300	320	350	400	420	500	550	600	700	900	1000	1100	1200	1400	1550									
BH50-SS	BH50-SST	1,2	0,9	stainless steel	stainless steel	stainless steel	6	1"	1"	70,3	66,0	62,4	57,6	52,2	39,5	23,7																							426x176x203	12,7		
BH50	BH50T	1,2	0,9	stainless steel	nyrl	nyrl	6	1"	1"	66,3	60,3	56,0	51,1	45,3	33,4	19,5																							426x176x203	11		
BH51	BH51T	1,2	0,88	stainless steel	nyrl	nyrl	5	1"	1"	56,0	52,5	49,5	46,8	43,4	35,3	22,2																							410x175x215	11,7		
BH52-SS	BH52-SST	1,2	0,9	stainless steel	stainless steel	stainless steel	4	1"	1"	48,0		43,6	42,1	38,6	34,2	28,7	21,0	11,5																					381x176x203	12,1		
BH52	BH52T	1,2	0,9	stainless steel	nyrl	nyrl	4	1"	1"	47,8		42,7	41,0	37,0	32,1	26,1	18,8	7,5																						381x176x203	11,1	
BH53	BH53T	1,2	0,9	stainless steel	nyrl	nyrl	3	1"1/4	1"	38,8			35,7	33,6	30,9	27,8	24,2	19,8	17,5	14,9	9,1																			356x178x203	10,8	
BH53-SS	BH53-SST	1,2	0,9	stainless steel	stainless steel	stainless steel	3	1"1/4	1"	37,6			35,2	34,1	32,5	29,4	25,9	22,0	19,5	16,9	11,1																				356x178x203	11,6
BH60-SS	BH60-SST	1,5	1,1	stainless steel	stainless steel	stainless steel	7	1"	1"	84,6	79,7	75,9	70,8	64,9	50,3	31,3																								482x202x211	16,1	
BH60	BH60T	1,5	1,1	stainless steel	nyrl	nyrl	7	1"	1"	79,7	73,0	68,3	62,8	56,3	42,5	26,1																									482x202x211	14,1
BH61-SS	BH61-SST	1,5	1,1	stainless steel	stainless steel	stainless steel	5	1"	1"	60,4		54,9	53,2	49,1	43,7	36,6	27,0	15,1																						404x202x211	14,9	
BH61	BH61T	1,5	1,1	stainless steel	nyrl	nyrl	5	1"	1"	60,0		54,5	52,5	47,6	41,5	34,6	26,0	12,6																						404x202x211	13,5	
BH62	BH62T	1,5	1,1	stainless steel	nyrl	nyrl	3	1"1/2	1"1/4	37,2			33,9	32,8	31,6	30,1	28,2	27,1	25,7	22,7	19,5	11,9																		375x202x211	13,2	
BH62-SS	BH62-SST	1,5	1,1	stainless steel	stainless steel	stainless steel	3	1"1/2	1"1/4	37,6			33,8	32,8	31,3	30,0	28,2	27,1	25,8	23,2	19,9	11,8																		375x202x211	14,2	
BH70-SS	BH70-SST	1,8	1,3	stainless steel	stainless steel	stainless steel	6	1"	1"	73,0		66,0	63,9	59,1	53,0	44,9	33,9	19,3																						426x202x211	16	
BH70	BH70T	1,8	1,3	stainless steel	nyrl	nyrl	6	1"	1"	73,4		66,0	63,6	57,2	49,7	41,0	30,1	13,1																						426x202x211	14,4	
BH71	BH71T	1,8	1,3	stainless steel	nyrl	nyrl	4	1"1/4	1"	53,0		48,9	46,8	43,9	40,6	36,1	30,7	27,5	23,8	16,2																			411x201x211	13,8		
BH71-SS	BH71-SST	1,8	1,3	stainless steel	stainless steel	stainless steel	4	1"1/4	1"	51,4		47,8	47,2	45,0	41,8	37,8	32,7	29,5	26,3	18,4																			411x201x211	15		
BH72-SST		1,8	1,3	stainless steel	stainless steel	stainless steel	2	2"	1"1/2	26,4			22,9	22,3	21,7	21,4	21,2	20,5	19,7	18,1	17,6	15,4	14,2	12,2	8,7	7,5															419x202x211	14
BH72T		1,8	1,3	stainless steel	nyrl	nyrl	2	2"	1"1/2	25,8			22,6	22,2	21,7	21,4	21,1	20,4	19,6	17,9	17,4	14,6	13,2	11,4	8,1	6,6															419x202x211	12,9
BH80-SS	BH80-SST	2	1,5	stainless steel	stainless steel	stainless steel	7	1"	1"	85,4		77,3	74,7	69,1	61,9	52,5	40,0	22,2																						484x202x129	18,1	
BH80	BH80T	2	1,5	stainless steel	nyrl	nyrl	7	1"	1"	84,7		75,3	72,7	66,1	57,7	47,5	34,7	13,6																					484x202x129	16,2		
BH81-SS	BH81-SST	2	1,65	stainless steel	stainless steel	stainless steel	4	1"1/2	1"1/4	51,0			44,9	43,5	41,5	39,5	37,1	35,6	34,0	30,2	25,4	14,2																434x202x211	16,8			
BH81	BH81T	2	1,65	stainless steel	nyrl	nyrl	4	1"1/2	1"1/4	50,5			44,9	43,4	41,9	39,7	37,1	35,5	33,7	29,7	25,0	14,4																434x202x211	15,5			
BH90	BH90T	2,5	1,87	stainless steel	nyrl	nyrl	5	1"1/4	1"	66,5			62,0	59,8	56,7	52,6	47,3	40,4	36,1	31,1	19,2																	436x201x211	15,8			
BH90-SS	BH90-SST	2,5	1,87	stainless steel	stainless steel	stainless steel	5	1"1/4	1"	64,1			60,6	59,8	57,3	53,7	48,9	42,7	39,1	34,8	23,2																	436x201x211	17,3			
BH91	BH91T	2,5	1,87	stainless steel	nyrl	nyrl	5	1"1/2	1"1/4	63,0			55,9	53,9	51,9	49,4	46,2	44,2	41,9	36,9	31,1	17,5															464x202x211	16,1				
BH91-SS	BH91-SST	2,5	1,87	stainless steel	stainless steel	stainless steel	5	1"1/2	1"1/4	63,8			56,3	54,5	52,5	49,7	46,9	45,3	43,4	38,7	32,9	19,2															464x202x211	17,7				
BH92-SST		2,5	1,87	stainless steel	stainless steel	stainless steel	3	2"	1"1/2	38,8			34,4	33,6	32,6	32,2	31,7	30,7	29,7	27,6	27,0	24,0	22,6	19,9	14,0	11,3														419x202x211	15,8	
BH92T		2,5	1,87	stainless steel	nyrl	nyrl	3	2"	1"1/2	38,1			34,0	33,5	32,7	32,3	31,8	30,8	29,6	26,8	26,1	22,4	20,5	17,4	11,9	9,8															419x202x211	14,5
BH100T		3	2,2	stainless steel	nyrl	nyrl	6	1"1/4	1"	79,0			73,2	70,0	66,1	60,9	54,5	46,0	41,1	35,8	23,2																	459x201x211	18,2			
BH100-SST		3	2,2	stainless steel	stainless steel	stainless steel	6	1"1/4	1"	76,7			72,2	70,9	67,7	63,1	57,3	49,3	44,5	39,2	25,9																459x201x211	20				
BH110T		3,5	2,57	stainless steel	nyrl	nyrl	7	1"1/4	1"	91,8			85,1	81,1	76,3	70,6	63,5	54,0	48,7	42,4	27,3																527x201x230	18,6				
BH110-SST		3,5	2,57	stainless steel	stainless steel	stainless steel	7	1"1/4	1"	88,0			82,5	80,6	76,4	71,1	64,2	55,4	50,4	44,1	28,8																527x201x230	20,7				
BH120-SST		4	3	stainless steel	stainless steel</td																																					

Buta™ - HORIZONTAL MULTISTAGE CENTRIFUGAL SURFACE ELECTRIC PUMPS

TYPES		HP	kW	Pump Body material	Impeller material	Diffuser material	No of Impellers	DN _a	DNm (Ø of Delivery/ Ø of Suction Inlet Port):	Q = Performance at 2900 rpm																				Electric Pump Dimensions in mms	Weight in kg						
1~ 230V 50Hz	3~ 230/ 400V 50Hz									m³/h	0	0,6	1,2	1,8	2,4	3,6	4,8	6	7,2	8,4	9	9,6	10,8	12	14,4	15	18	19,2	21	24	25,2	30	33	36	42	54	60
		I/m	0	10	20	30	40	60	80	100	120	140	150	160	180	200	240	250	300	320	350	400	420	500	550	600	700	900	1000	1100	1200	1400	1550				
BHC200T	12,5	9,2	cast iron	brass alloy	cast iron	5	65	40		161,1																										1043x300x300	172
BHC201T	12,5	9,2	cast iron	brass alloy	cast iron	3	65	40		108,6																										941x300x300	151
BHC210T	15	11	cast iron	brass alloy	cast iron	6	65	40		186,4																										1094x300x300	190
BHC211T	15	11	cast iron	brass alloy	cast iron	3	65	40		122,1																										941x300x300	161
BHC212T	15	11	cast iron	brass alloy	cast iron	2	80	50		84,6																										923x300x300	177
BHC220T	20	15	cast iron	brass alloy	cast iron	8	65	40		244,0																										1271x300x300	224
BHC221T	20	15	cast iron	brass alloy	cast iron	4	65	40		161,0																										1067x300x300	193
BHC222T	20	15	cast iron	brass alloy	cast iron	3	80	50		118,0																										1058x300x300	211
BHC223T	20	15	cast iron	brass alloy	cast iron	2	80	50		85,0																										998x300x300	201
BHC230T	25	18,5	cast iron	brass alloy	cast iron	5	65	40		199,0																										1158x300x300	220
BHC231T	25	18,5	cast iron	brass alloy	cast iron	3	80	50		136,0																										1098x300x300	230
BHC232T	25	18,5	cast iron	brass alloy	cast iron	3	80	50		108,0																										1098x300x300	230
BHC240T	30	22	cast iron	brass alloy	cast iron	6	65	40		232,0																										1209x300x300	239
BHC241T	30	22	cast iron	brass alloy	cast iron	4	80	50		170,3																										1158x300x300	242
BHC242T	30	22	cast iron	brass alloy	cast iron	3	80	50		126,0																										1098x300x300	241
BHC250T	40	30	cast iron	brass alloy	cast iron	5	80	50		225,0																										1278x300x300	333
BHC251T	40	30	cast iron	brass alloy	cast iron	4	80	50		161,2																										1218x300x300	324
BHC260T	50	37	cast iron	brass alloy	cast iron	6	80	50		273,0																										1338x300x300	373
BHC261T	50	37	cast iron	brass alloy	cast iron	5	80	50		205,3																										1278x300x300	363

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Valco-Lem™ - SELF PRIMING SINGLE STAGE, CONTRACTORS' CLOSE-COUPLED CENTRIFUGAL SEMI-TRASH ELECTRIC PUMPS

Fully made of cast iron heavy duty, compact, with special sealing arrangements, suction valve with inspection opening, with wear plate, complete with a TEFV VALCO electric motor.
Self Priming Pumps: Pumps always ready for use!

Applications:

General purpose electric pumps for clean and polluted liquids and sewage; ideal for sumps, vacuum extraction, pump out duty, flood water, for dirty water with solids, grit and sand and for many other applications.

Other versions available - all parts in contact with the liquid - the pump assembly, can be supplied with following executions:

B = all bronze;

SS = all stainless steel;

SY = with special coating.

Special sealing arrangements according to the liquid to be pumped.

VALCO-LEM standard execution is with a close-coupled electric motor.

Other coupling arrangements:

VLK = bare shaft with free shaft and support suitable for flexible coupling to an electric motor;

VL-CP = with pulley;
VLK-FC = bare shaft with free shaft and support coupled with a flexible coupling to an electric motor;

VL-TJ = execution with gear box for coupling to tractors by universal joint;

VL-TMT = execution for truck-mixers and truck-tankers;

VLF = flanged pumps for petrol and diesel engines;

VLF-E = close-coupled motopumps with petrol and diesel engines



TYPES		HP	kW	DNa-Suction BSP/Gas	DNm-Delivery BSP/Gas	Ø max solids in susp. Free passage, mm	Q = Performance at 2900 rpm																				Electric Pump Dimensions in mms	Weight in kg									
1~ 230V 50Hz	3~ 230/400V - 400/690 50Hz						m³/h	0	6	6,6	7,2	7,8	9	11,4	13,2	13,8	16,2	16,8	18	21	24	25,8	27	30	36	40,8	42	45	51	54	57	60	72	75	87	96	99
		l/m	0	100	110	120	130	150	190	220	230	270	280	300	350	400	430	450	500	600	680	700	750	850	900	950	1000	1200	1250	1450	1600	1650	1800	2100			
VL1H-1	VL1H-1T	230-400V	1	0,75	1"1/2	1"1/2	12			12,5	12,2	11,3	9,5	8,2	7,7	5,2																			220x375x285	11,8	
VL2-2	VL2-2T	230-400V	1,5	1,1	2"	2"	13			15,8	15,5	15,2	14,6	13,4	12,5	10,6	10,2	9,4	7,0																185x410x300	22,5	
VL2-3	VL2-3T	230-400V	2	1,5	2"	2"	14			18,4	16,8	16,6	16,2	15,3	14,7	14,4	13,2	12,9	12,2	10,1	7,5	5,9	4,7													185x410x300	24,5
VL3-4	VL3-4T	230-400V	3	2,2	3"	3"	26			16,3	15,5	15,3	15,1	14,6	14,2	14,1	13,6	13,5	13,2	12,6	11,9	11,5	11,2	10,5	8,8	7,1	6,6	5,2								185x445x300	32
VL2-5	VL2-5T	230-400V	4	3	2"	2"	8			33,0	28,8	27,9	26,0	24,3	23,8	21,7	21,2	20,0	16,5	12,6	10,3															230x450x320	37,5
VL3-6T		400-690V	5,5	4	3"	3"	8			35,0	32,9	32,7	32,5	32,2	31,8	30,8	30,1	29,8	28,8	28,5	27,9	26,4	24,9	23,9	23,2	21,5	17,7	14,4	13,5	11,3						360x700x450	83
VL3-7T		400-690V	5,5	4	3"	3"	19			30,0																							360x700x450	80			
VL4-8T		400-690V	5,5	4	4"	4"	38			14,4																						220x375x285	84				
VL3-9T		400-690V	7,5	5,5	3"	3"	10			48,0																						360x800x470	99,5				
VL3-10T		400-690V	7,5	5,5	3"	3"	24			29,0																						360x800x470	97,5				
VL3-11T		400-690V	10	7,5	3"	3"	13			51,0																						360x800x470	106				
VL3-12T		400-690V	10	7,5	3"	3"	24			30,0																						360x800x470	104,5				
VL3-13T		400-690V	12,5	9,2	3"	3"	14			58,0																						360x800x470	114				
VL3-14T		400-690V	15	11	3"	3"	16			58,0																						470x1000x506	203				
VL4-15T		400-690V	15	11	4"	4"	34			28,0																						470x1000x545	217,5				
VL3-16T		400-690V	20	15	3"	3"	13			65,0																						470x1000x530	211				
VL4-17T		400-690V	20	15	4"	4"	39			30,0																						470x1000x545	228				
VL3-18T		400-690V	25	18,5	3"	3"	14			69,0																						470x1000x530	248				
VL3-19T		400-690V	30	22	3"	3"	22			81,0																						470x1000x550	276				

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

TLC™ - VARIABLE SPEED CONTROL CIRCULATING ELECTRIC PUMPS

(INVERTER Technology) FOR HIGHEST EFFICIENCIES

Wet rotor type, driven by a permanent magnets synchronous motor controlled by an on board inverter.
Compact and easy to install.

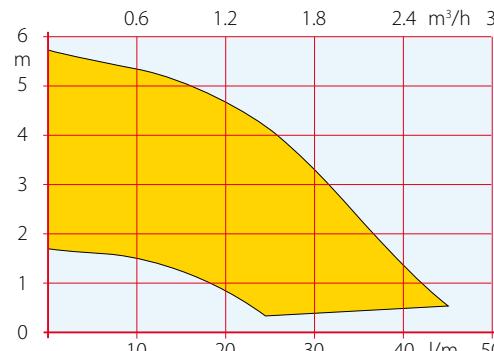
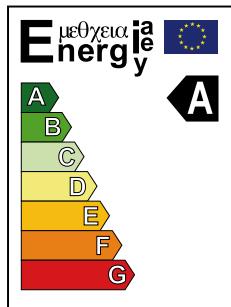
Compliant with EuP directive and meeting the provisions of Regulation No 641/2009 of European Commission requiring a drastic reduction of energy consumption of circulators as from January 1st, 2013.
Savings up to 80% less than traditional circulating pumps.

TYPES	Rated diameter (DN) of the suction and output openings	center-to center distance size	SPEED	In (A) min-max	power abs W min-max	Weight in kg	NOTES
1~ 230V 50Hz							
TLC25-13-6V	1"1/2	130	VARIABLE	0,08-0,40	8,4-53	1,81	MALE THREADING
TLC25-18-6V	1"1/2	180	VARIABLE	0,08-0,40	8,4-53	1,96	
TLC32-18-6V	2"	180	VARIABLE	0,08-0,40	8,4-53	2,1	

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.



- Above Q and H data refer to water 80 Deg C and density 1000 kg/m³



UTC™ - VARIABLE SPEED CONTROL CIRCULATING ELECTRIC PUMPS

(INVERTER Technology) FOR HIGHEST EFFICIENCIES

Wet rotor type, driven by a permanent magnets synchronous motor controlled by an on board inverter.

Compact and easy to install.

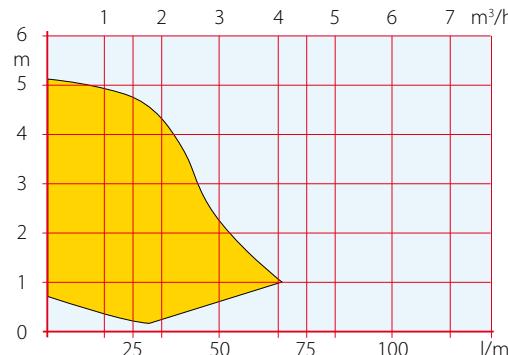
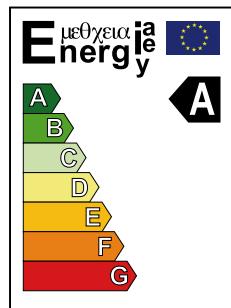
Savings up to 80% less than traditional circulating pumps.

TYPES	Rated diameter (DN) of the suction and output openings	center-to center distance size	SPEED	In (A) min-max	power abs W min-max	Weight in kg	NOTES
1~ 230V 50Hz							
UTC25-13-6V	1" 1/2	130	VARIABLE	0,06-0,52	6-62	2,16	MALE THREADING
UTC25-18-6V	1" 1/2	180	VARIABLE	0,06-0,52	6-62	2,30	
UTC32-18-6V	2"	180	VARIABLE	0,06-0,52	6-62	2,44	

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.



- Above Q and H data refer to water 80 Deg C and density 1000 kg/m³



LSC™ - CIRCULATING ELECTRIC PUMPS

WITH SYNCHRONOUS MOTORS 230V 50Hz WITH LOWER POWER CONSUMPTION.

Wet rotor circulation pump. No mechanical seal is required.

No protection against overload is required. The motor is protected against short-circuit operation.

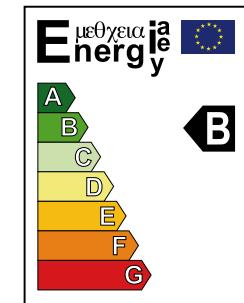
TYPES	center-to center distance size	Max head	Rated diameter (DN) of the suction and output openings	Q = Performance at 2900 rpm							Weight in kg	
				m³/h	0	0,3	0,6	1,2	1,8	2,4	2,7	
				l/m	0	5	10	20	30	40	45	
LSC25-13-4V	130	4	1"1/2		3,5	3,5	3,4	3,1	2,5	1,7	1,3	2,1
LSC25-18-4V	180	4	1"1/2		3,5	3,5	3,4	3,1	2,5	1,7	1,3	2,3
LSC15-13-5V	130	5	1"		4,2	4,2	4,1	3,8	3,4	2,7	2,3	1,8
LSC25-13-5V	130	5	1"1/2		4,2	4,2	4,1	3,8	3,4	2,7	2,3	2,4
LSC25-18-5V	180	5	1"1/2		4,2	4,2	4,1	3,8	3,4	2,7	2,3	2,5
LSC32-18-5V	180	5	2"		4,2	4,2	4,1	3,8	3,4	2,7	2,3	2,7
LSC15-13-6V	130	6	1"		4,8	4,7	4,6	4,3	3,9	3,2	2,9	1,7
LSC25-13-6V	130	6	1"1/2		4,8	4,7	4,6	4,3	3,9	3,2	2,9	2,4
LSC25-18-6V	180	6	1"1/2		4,8	4,7	4,6	4,3	3,9	3,2	2,9	2,6
LSC32-18-6V	180	6	2"	Hm = Total head in meters w.c.	4,8	4,7	4,6	4,3	3,9	3,2	2,9	2,7

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- Above Q and H data refer to water 80 Deg C and density 1000 kg/m³





CE

MADE IN ITALY

BOOSTER PRESSURIZATION SETS - PACKAGED PRESSURE UNITS AND SYSTEMS

VALCO®
International trademark



Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
A GLOBAL, INNOVATIVE AND COMPETITIVE PUMPING AND MOTORS SOLUTION.

WATER AND PUMPS ARE ESSENTIAL FOR LIFE!

BOOSTER PRESSURIZATION SETS - PACKAGED PRESSURE UNITS AND SYSTEMS

Booster construction

Made of 1, 2 or more service electric pumps also version with Jockey Pump, (centrifugal, jet, multistage horizontal and vertical), with controls either electric, electronic or with variable speed inverter (with frequency control with modulation: to make an "Intelligent Pump") with high efficiency and lower power consumption and energy saving to meet EU Classes recommendations and according to Kyoto Protocol, with a wide range of settings, protections also with remote control.

Applications

Drinking Potable water applications. Raising water for general use from varied sources: residential, civil, agricultural and industrial uses; providing sufficient water delivery to meet users' demand and maintaining a sufficient minimum pressure in the system to ensure that the water reaches all points of demand: it enables the system to constantly adapt to your demands. Ideal to make up for insufficient pressure or shortages of water supply from the public water supplier or for water supply from varied sources (tanks, wells, etc.).

They are widely used also in agricultural and industrial applications where variable capacities at a constant pressure are required.

Innovations and Specialties

Special executions built with materials, (i.e. all stainless steel) following EU Directive 98/83/CE referring to waters for human consumption.

We build on demand Special Booster Sets for the most efficient and effective handling of Water Resources, for lower Power Consumption and Energy Saving according to Kyoto Protocol also through the use of Alternative Energy Sources. Water Turbines for the production of Green Energy.

Ranges of Performance:

- Capacity (flow rate) up to 400 m³/h
- Head up to 260 m
- Powers from 0.37 ÷ 22 kW

EFFICIENCY LEVELS FOR THREE PHASE MOTORS to IEC 60034-30 when applicable or required:

IE1 = Standard Efficiency.

IE2 = High Efficiency (comparable to USA EPACT 60 Hz).

IE3 = Premium Efficiency (comparable to USA "NEMA Premium 60 Hz").

Ecodesign EUP Directive 2005/32/EC and Commision Regulation EC 640/2009.

Sets Controlled by:

- Electric Panel Starter and Pressure Switch with Tank and 1 - 2 or more Pumps
- TC Drive Twin-Electronic Pump Controller for 1 or 2 Pumps
- Variable Speed Inverter V or T Drive with 1 - 2 or more Pumps

Prej

predisposed sub-assembly with pump type 148J



Awssj-pt

controlled by pressure switch and with membrane tank



1 pump type 139J, 8 litre tank



1 pump type 148J, 24 litre tank



1 pump type 148J-SS, 24 litre tank
with fixed membrane



1 pump type 148J with VALCOTANKONTROL
(Electronic Pressure Control System)
and 19 litre tank

BOOSTER PRESSURIZATION SETS - PACKAGED PRESSURE UNITS AND SYSTEMS

Awssj-2spt

with 2 pumps and controlled by electric panel starter with pressure switch and with 2 units of 19 litre tank



Awssn-2spth

with 2 pumps and controlled by electric panel starter with pressure switch and with 2 units of 19 litre tanks with special execution for water suitable for human consumption following EU directive 98/83/CE



Awssnb-2sp

with 2 pumps and controlled by electric panel starter with pressure switch



KIT-A2P

Stainless Steel Kit for easy and rapid assembly of 2 or more Pumps Booster Pressurization Set



Awssj-2tch

with 2 pumps and controlled by 1 VALCO TC-Drive twin-electronic pump controller and with special execution for water suitable for human consumption following EU directive 98/83/CE



Awssjn-2vh

with 2 pumps and controlled by 2 VALCO V-Drive variable speed inverters and with special execution for water suitable for human consumption following EU directive 98/83/CE



new!

3" with HIGH and
VARIABLE SPEED
INVERTERS

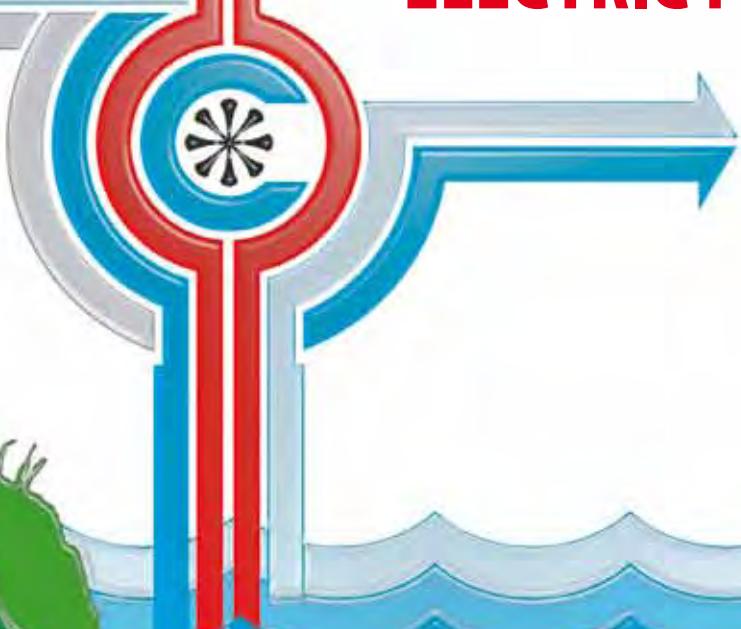


MADE IN ITALY



SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS

VALCO®
International trademark



Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
A GLOBAL, INNOVATIVE AND COMPETITIVE PUMPING AND MOTORS SOLUTION.

WATER AND PUMPS ARE ESSENTIAL FOR LIFE !

SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS from min. 3 to 10-inch wells COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

The most complete range of submersible borehole electric pumps to meet all your borehole pumping applications. Suitable to replace standard surface pumps, carrying the advantages of lesser space needed, less maintenance and complete absence of noise.

Pump and Motor construction

From 3 to 10 inch sizes to Nema standard and complete with 2-pole and 4-pole electric motors, rewirable, 2-wire , 3-wire with control box, oil cooled (prefilled with food grade additives to protect against freeze and rust) and wet type water-cooled executions.

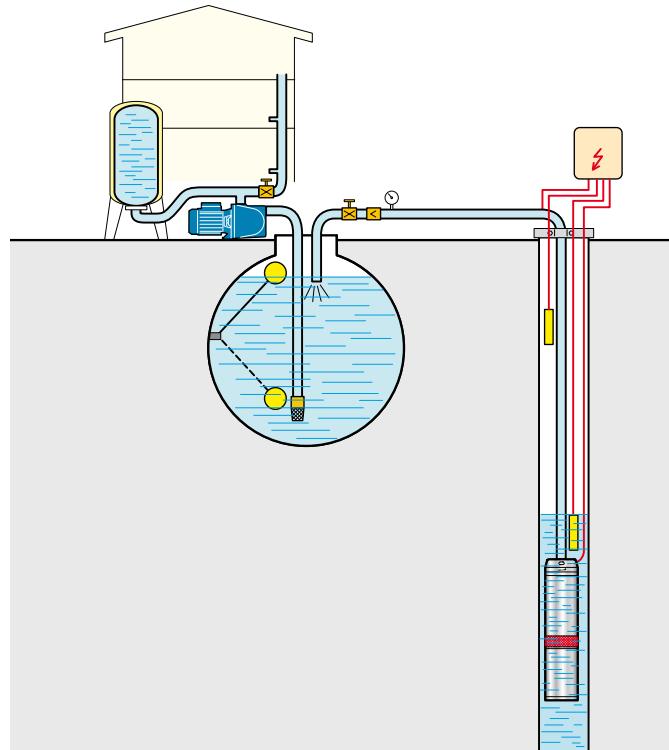
Protection IP68.

Pump ends made of stainless steel, bronze, brass and cast iron.

Impellers in stainless steel, cast iron, brass,bronze, noryl®, polycarbonate and technopolymers and thermoplastics, corrosion and abrasion resistant and non-toxic, radial and mixed-flow,brass multivane turbine.

Heavy duty stainless steel or cast iron or bronze casting pump enclosure.

Installation scheme



Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 3-4-6-8-10-inch wells COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

Applications

Suitable to replace standard surface pumps, carrying the advantages of lesser space needed, less maintenance and complete absence of noise.

For domestic drinking potable water , residential, commercial, industrial, agricultural, geothermal, civil applications, to pump and explore geothermal resources for fluids in spas, industry, agriculture and private, community and district heating and in all cases where it is requested to lift water out from below the ground from aquifers and to push it above with pressure: boreholes, bored wells, riverbanks, in-line pressure boosting, dewatering, sprinkler and drip irrigation systems, horticulture, greenhouses and gardening, air conditioning, water supply to offshore oil platforms, pressure boosting pumping / increasing water pressure, fire fighting, hydrant systems, deluge systems, fountains and water features, large rural irrigation schemes, turf watering installations and stock watering plants, washing and hobby uses, jet washing, station washing, dairy washdown, vegetable washing, dewatering of mines and excavations, level control (wellpoint) of groundwater waterbeds, sump drainage, artificial snow, solar power, monitor system, in-ground tank installation, underground water storage tanks installation, rainwater collection, etc.

Pumping of clean water in domestic applications from boreholes and wells, agricultural, industry, processing of drinking water distribution, water supply, firefighting, boosters, fountains, municipal water supply, mains and municipal boosting, sump drainage, dam drainage, mine water supply, river water extraction.

Private, residential, commercial, industrial buildings, hospitals, airports, schools, nurseries, farms, etc.

Built-in check non-return valve to protect the pump against water hammer.

Floating Version (F) Sand Resistant: reduces sand locking.

Energy efficient hydraulic design for cost-effective operation.

Easy to install and dismantle for service.

Voltages

Single Phase 3", 4", 5": 230V

Three Phase 3", 4", 5": 400 V DOL (230 V DOL on request)

Three Phase 6": 400 V DOL (230 V DOL on request)
400-690 SD on request
(single phase executions on request)

Three Phase 8": 400 V DOL
400-690 SD on request

Three Phase 10": 400 V DOL
400-690 SD on request

Cycles

50Hz Standard

60Hz available all throughout the range

We provide full Technical Service, Spare Parts, Assistance and Aftersale Service and Maintenance through our Valco Distributors' Network and our Valco Service Centres.



Contents

3" High speed	page	44
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4"R	"	46
4"	"	47
5"	"	53
6"	"	55
8"	"	68
10"	"	73

3"

new!

Vera™ - 3" INVERTER SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS COMPLETE WITH HIGH SPEED ELECTRIC MOTOR

EXECUTIONS

ECP = with EXTERNAL INVERTER VARIABLE SPEED with "CP" = CONSTANT PRESSURE CONTROL (between 5740 - 8600 rpm)

I = with BUILT-IN INVERTER HIGH CONSTANT SPEED (8600 rpm)

Nominal Motor Power: P_2

PUMP CONSTRUCTION

All stainless steel AISI 304 with polyacetal diffuser and noryl impeller.

All parts in contact with the fluid are made of corrosion-free materials. Built-in check non return valve.

All pumps are supplied with 1,75 mt cable; longer cable lengths on demand.



TYPES	TYPE OF INVERTER AND SPEED	HP	kW	Rp	Q = Performance at 2900 rpm												Impeller material	Impeller type	No of impellers	Electropump Height in mms	Weight in kg		
					m³/h	0	0,3	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6					
					l/m	0	5	10	20	30	40	50	60	70	80	90	100	110					
3000P-2-ECP	external inverter variable speed	0,8	0,6	1"		44	42	40	35	28	20								noryl	radial	2	465	4,9
3000P-2-I	internal inverter constant speed					67	64	60	50	40	30								noryl	radial	3	1035	10,1
3005P-2-ECP	external inverter variable speed	0,8	0,6	1"		89	83	76	65	49	35								noryl	radial	4	485	5
3005P-2-I	internal inverter constant speed					109	103	97	81	66	45								noryl	radial	5	1055	10,2
3100P-2-ECP	external inverter variable speed	1,2	0,9	1"		150	142	133	111	88	58							noryl	radial	7	535	5,7	
3100P-2-I	internal inverter constant speed					194	180	166	142	110	73							noryl	radial	9	1105	10,9	
3105P-2-ECP	external inverter variable speed	1,2	0,9	1"		27	26	26	25	23	22	20	19	16	12			noryl	radial	1	555	5,8	
3105P-2-I	internal inverter constant speed					51	51	50	48	46	43	40	36	30	23			noryl	radial	2	1125	11	
3200P-2-ECP	external inverter variable speed	2	1,5	1"		76	75	75	72	69	65	60	53	43	33			noryl	radial	3	625	6,9	
3200P-2-I	internal inverter constant speed					101	100	98	95	91	85	77	67	56	44			noryl	radial	4	1195	11,9	
3205P-2-ECP	external inverter variable speed	2	1,5	1"		27	27	26	26	25	24	22	20	17	15	13	10		noryl	radial	9	665	7,1
3205P-2-I	internal inverter constant speed					51	51	51	49	47	44	41	38	34	30	25	20	8	noryl	radial	1	1235	12,1
3300P-3-ECP	external inverter variable speed	0,8	0,6	1"		78	77	76	73	70	66	62	57	51	45	38	30	14	noryl	radial	3	315	4,7
3300P-3-I	internal inverter constant speed					102	101	99	96	91	85	80	74	67	58	47	35	19	noryl	radial	4	885	9,9
3005P-3-ECP	external inverter variable speed	0,8	0,6	1"																		335	5
3005P-3-I	internal inverter constant speed																					905	10,2
3100P-3-ECP	external inverter variable speed	1,2	0,9	1"																		390	5,9
3100P-3-I	internal inverter constant speed																					960	11,1
3200P-3-ECP	external inverter variable speed	2	1,5	1"																		570	7,1
3200P-3-I	internal inverter constant speed																					1140	12,1
3300P-5-ECP	external inverter variable speed	0,8	0,6	1"																		315	4,7
3300P-5-I	internal inverter constant speed																					885	9,9
3005P-5-ECP	external inverter variable speed	0,8	0,6	1"																		335	5
3005P-5-I	internal inverter constant speed																					905	10,2
3100P-5-ECP	external inverter variable speed	1,2	0,9	1"																		390	5,9
3100P-5-I	internal inverter constant speed																					960	11,1
3200P-5-ECP	external inverter variable speed	2	1,5	1"																		570	7,1
3200P-5-I	internal inverter constant speed																					1140	12,1

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- Built-in check non-return valve to protect the pump against water hammer.

3"

Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 3-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

An inexpensive well solution also ideal to replace surface shallow well pumps with insufficient suction capacity.



PUMP CONSTRUCTION

Executions:

- Pump and Motor Casing in Stainless Steel.
- Pump Head and Motor Bracket in Brass (On demand Pump Head and Motor Bracket in Stainless Steel).

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm										Impeller material	Impeller RA=radial MF=mixed flow	No of impellers	Electropump Height in mms	Weight in kg
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,3	0,6	0,9	1,2	1,5	1,8	2,4	2,7					
					l/m	0	5	10	15	20	25	30	40	45					
3000-P	3000-PT	0,5	0,33	1"	Hm II Total head in meters w.c.	49	46	42	39	36	32	28	15	7	noryl	RA	15	957	9,3
3100-P	3100-PT					73	70	66	61	55	49	43	24	13	noryl	RA	23	1177	10,8
3200-P	3200-PT					97	92	86	80	73	65	57	33	17	noryl	RA	30	1416	12,4
	3300-PT					135	128	119	112	103	90	75	47	28	noryl	RA	45	1796	14,4

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- Built-in check non-return valve to protect the pump against water hammer.

4"R

Vera™ - BOREHOLE 4"R 4-inch REGENERATIVE MULTIVANE TURBINE PERIPHERAL SUBMERSIBLE BOREHOLE CLOSE-COUPLED ELECTRIC PUMPS for min. 4-inch wells COMPLETE WITH 2 POLE MOTORS

Applications

Pumping of clean water in domestic applications from boreholes and wells, agricultural, industry, processing of drinking water distribution.

Suitable to replace standard surface pumps, carrying the advantages of lesser space needed, less maintenance and complete absence of noise.

For domestic, industrial and agricultural applications, in all cases where it is requested to lift water out from below the ground and to push it above with pressure.

Provided that the pump is never left in a dry condition, its anti-seizing design ensures that the impeller does not jam after a period of non-operation.



TYPES		HP	kW	DNm Ø	Q= Performance at 2900 rpm										Impellers material	no of Impellers	Pump Head Construction	Electropump Height in mms	Weight in kg	
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,3	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7					
					l/m.	0	5	10	15	20	25	30	35	40	45					
4000-R	4000-RT	0,75	0,55	1"	Hm =	49	45	41	36	31	26	21	16	11	5	brass stamped	1	cast iron	439	12,5
4100-R	4100-RT	1	0,75	1"	Total head in meters w.c.	68	62	49	42	37	30	23	16	10	6	brass stamped	1	cast iron	464	13,5
4200-R	4200-RT	1,5	1,1	1"		115	102	78	67	58	48	37	25	15	7	brass stamped	2	cast iron	525	15

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- Supplied with Control Box and 10mt cable

- OPTIONAL: Longer cable lengths.

4"

Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 4-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

PUMP CONSTRUCTION - Executions:

P = noryl and polycarbonate corrosion and abrasion resistant and non toxic with Pump and Motor Casing in Stainless Steel.

Pump Head and Motor Bracket in Brass. (On demand Pump Head and Motor Bracket in Stainless Steel).

S = All Stainless Steel

F = floating impeller sand resistant reduces sand locking: executions for superior sand handling able to handle a tolerable quantity of sand.

SUBMERSIBLE ELECTRIC MOTORS - 4-inch

- Rewindable

- Oil cooled (prefilled with food grade additives to protect against freeze and rust).

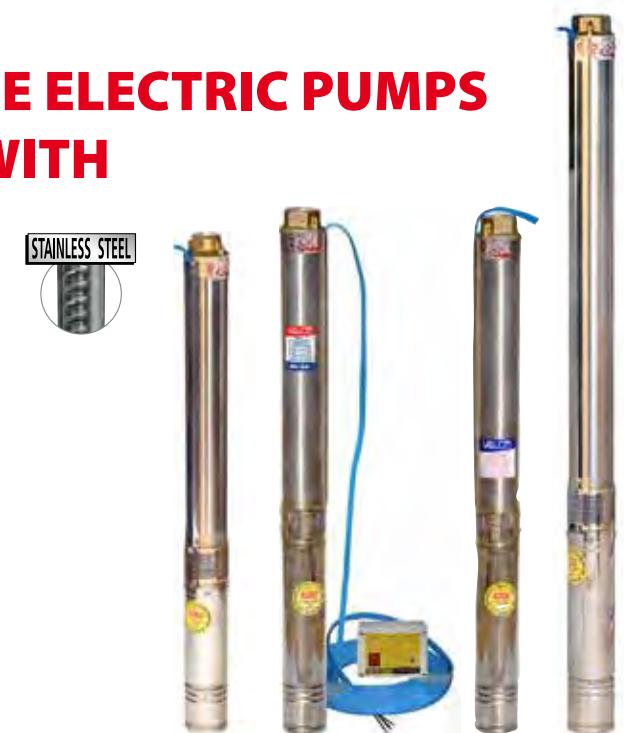
INNOVATIONS AND SPECIALTIES

On demand all wetted parts available with grade 304 or 316 stainless steel.

Executions for superior sand handling able to handle a tolerable quantity of sand.

INTELLIGENT CONTROL SYSTEMS

All pumps can be supplied with Protection and Control Boxes: Panel-Starters, Intelligent control systems, Electric-Electronic Controls Panels also with Variable Speed Inverters.



TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	F = floating sand resistant types	Impeller RA=radial MF=mixed flow	No of impellers	Electropump Height in mms	Weight in kg		
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,3	0,6	1,2	1,8	2,1	2,4	3	3,6	4,2	4,8	5,4	6	7,8	9	12	13,5	15	18	21	24						
					l/m	0	5	10	20	30	35	40	50	60	70	80	90	100	130	150	200	225	250	300	350	400						
4000-P	4000-PT	0,33	0,25	1" 1/4		55	53	47	34	14																Noryl		RA	12	810	10,90	
4005-FP	4005-FPT	0,5	0,37	1" 1/4		87	80	72	43																		Noryl	F	RA	13	702	10,70
4010-S	4010-ST	0,5	0,37	1" 1/4		81	78	70	39																		Stainless Steel		RA	14	786	10,70
4015-P	4015-PT	0,5	0,37	1" 1/4		80	77	69	47	19																	Noryl		RA	18	930	11,60
4020-FP	4020-FPT	0,5	0,37	1" 1/4		66	65	62	50	31	17																Noryl	F	RA	11	633	10,30
4025-FP	4025-FPT	0,5	0,37	1" 1/4		69	65	57	34																		Noryl	F	RA	10	649	10,30
4030-P	4030-PT	0,5	0,37	1" 1/4		59	56	53	45	35	29	21															Noryl		RA	11	790	10,80
4035-FP	4035-FPT	0,5	0,37	1" 1/4		51	50	49	45	38	33	27	7														Noryl	F	RA	8	780	10,90
4040-S	4040-ST	0,5	0,37	1" 1/4		53	49	46	28																		Stainless Steel		RA	9	681	9,90
4045-S	4045-ST	0,5	0,37	1" 1/4		54			46	39	34	27															Stainless Steel		RA	9	681	10,00
4050-FP	4050-FPT	0,5	0,37	1" 1/4		46	45	44	41	36	32	28	16														Noryl	F	RA	7	586	9,70
4055-FP	4055-FPT	0,5	0,37	1" 1/4		47			43	37	34	30	23														Noryl	F	RA	7	596	9,80
4060-FP	4060-FPT	0,5	0,37	1" 1/4		35			34	33	32	31	28	24	19												Noryl	F	RA	5	555	9,30
4065-FP	4065-FPT	0,5	0,37	1" 1/4		36			34	32	31	29	24	19	14	8											Noryl	F	RA	5	710	10,30
4070-FP	4070-FPT	0,5	0,37	1" 1/4		35			33	31	30	29	25	20	14												Noryl	F	RA	5	561	9,50
4075-S	4075-ST	0,5	0,37	1" 1/4		39			33	32	31	27	23	15													Stainless Steel		RA	6	618	9,40
4080-P	4080-PT	0,5	0,37	1" 1/4		32			30	28	27	26	24	22	18	14	10										Noryl		RA	5	735	10,20
4085-FP	4085-FPT	0,5	0,37	1" 1/4		34			29	28	27	25	22	19	14	9	4										Noryl	F	RA	5	582	9,70
4090-FP	4090-FPT	0,5	0,37	1" 1/4		30			27	26	25	24	22	19	16	13											Noryl	F	RA	4	535	9,00
4095-S	4095-ST	0,5	0,37	1" 1/2		26			24	23	22	21	20	18	16	14	11									Stainless Steel		RA	4	576	9,00	
40100-FP	40100-FPT	0,5	0,37	1" 1/2		27			24	23	22	20	18	15	12	8											Noryl	F	RA	4	572	9,40

4" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 4-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	F = floating sand resistant types	Impeller RA=radial MF=mixed flow	No of impellers	Electropump Height in mms	Weight in kg		
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,3	0,6	1,2	1,8	2,1	2,4	3	3,6	4,2	4,8	5,4	6	7,8	9	12	13,5	15	18	21	24						
					l/m	0	5	10	20	30	35	40	50	60	70	80	90	100	130	150	200	225	250	300	350	400						
4100-FP	4100-FPT	0,75	0,55	1" 1/4		129	121	108	62																		Noryl	F	RA	19	806	12,30
4105-S	4105-ST	0,75	0,55	1" 1/4		121	115	103	60																		Stainless Steel		RA	21	933	12,60
4110-P	4110-PT	0,75	0,55	1" 1/4		122	114	101	69	27																	Noryl		RA	27	1105	13,50
4115-FP	4115-FPT	0,75	0,55	1" 1/4		101	99	95	78	47	26																Noryl	F	RA	17	735	12,00
4120-S	4120-ST	0,75	0,55	1" 1/4		104	98	90	54																		Stainless Steel		RA	18	870	12,00
4125-FP	4125-FPT	0,75	0,55	1" 1/4		85	83	81	74	62	54	42	9														Noryl	F	RA	13	895	12,20
4130-P	4130-PT	0,75	0,55	1" 1/4		83	80	77	67	50	40	30															Noryl		RA	16	890	12,00
4135-FP	4135-FPT	0,75	0,55	1" 1/4		73	72	70	64	57	50	43	24														Noryl	F	RA	11	666	11,10
4140-S	4140-ST	0,75	0,55	1" 1/4		79		66	56	47	39															Stainless Steel		RA	13	765	11,40	
4145-FP	4145-FPT	0,75	0,55	1" 1/4		71		65	57	51	45	30														Noryl	F	RA	10	649	10,90	
4150-FP	4150-FPT	0,75	0,55	1" 1/4		56		53	50	47	44	39	31	20													Noryl	F	RA	8	614	10,50
4155-FP	4155-FPT	0,75	0,55	1" 1/4		51		48	46	45	44	38	31	22	9												Noryl	F	RA	7	755	11,30
4160-S	4160-ST	0,75	0,55	1" 1/4		59			48	47	45	39	31	20												Stainless Steel		RA	9	681	10,60	
4165-FP	4165-FPT	0,75	0,55	1" 1/4		48		46	45	42	38	33	26													Noryl	F	RA	7	595	10,30	
4170-FP	4170-FPT	0,75	0,55	1" 1/4		47		43	42	41	38	34	29	22	14	8										Noryl	F	RA	7	626	10,60	
4175-P	4175-PT	0,75	0,55	1" 1/4		45		42	40	39	38	35	31	27	21	13										Noryl		RA	7	800	11,60	
4180-FP	4180-FPT	0,75	0,55	1" 1/4		43			40	39	38	36	32	28	24	18										Noryl	F	RA	6	575	9,90	
4185-FP	4185-FPT	0,75	0,55	1" 1/2		39				37	36	34	31	27	23	19	13									Noryl	F	RA	6	621	10,50	
4190-P	4190-PT	0,75	0,55	2"		38		36	35	34	33	31	30	29	27	25	23	17	13						Noryl		MF	5	850	11,80		
4195-S	4195-ST	0,75	0,55	1" 1/2		39			35	34	33	31	29	27	25	21	17								Stainless Steel		RA	6	618	10,00		
4200-FP	4200-FPT	1	0,75	1" 1/4		177	164	145	83																	Noryl	F	RA	26	992	14,50	
4205-S	4205-ST	1	0,75	1" 1/4		162	157	141	80																Stainless Steel		RA	28	1105	14,90		
4210-P	4210-PT	1	0,75	1" 1/4		162	153	136	92	36															Noryl		RA	37	1330	15,80		
4215-FP	4215-FPT	1	0,75	1" 1/4		131	128	124	100	61	33														Noryl	F	RA	22	845	14,10		
4220-P	4220-PT	1	0,75	1" 1/4		112	109	105	91	71	59	41													Noryl		RA	22	1035	13,80		
4225-FP	4225-FPT	1	0,75	1" 1/4		108	107	106	97	79	64	49	12												Noryl	F	RA	17	1015	13,90		
4230-FP	4230-FPT	1	0,75	1" 1/4		98	97	94	87	77	68	59	33												Noryl	F	RA	15	771	13,00		
4235-S	4235-ST	1	0,75	1" 1/4		106		91	76	66	53														Stainless Steel		RA	18	895	13,40		
4240-FP	4240-FPT	1	0,75	1" 1/4		94		85	76	69	62	43													Noryl	F	RA	14	744	12,60		
4245-FP	4245-FPT	1	0,75	1" 1/4		75		71	67	64	60	51	39	28	10										Noryl	F	RA	10	850	12,80		
4250-FP	4250-FPT	1	0,75	1" 1/4		74		70	66	63	60	50	39	27											Noryl		RA	11	692	12,10		
4255-FP	4255-FPT	1	0,75	1" 1/4		68		66	65	63	61	56	47	36											Noryl	F	RA	10	680	12,00		
4260-S	4260-ST	1	0,75	1" 1/4		79			66	64	60	54	44	29										Stainless Steel		RA	12	769	12,30			
4265-P	4265-PT	1	0,75	1" 1/4		68	65	62	58	55	53	47	42	35	26	17								Noryl		RA	10	920	13,30			
4270-FP	4270-FPT	1	0,75	1" 1/4		61			56	55	53	49	44	38	29	21	11								Noryl	F	RA	9	694	12,00		
4275-FP	4275-FPT	1	0,75	1" 1/4		58			54	53	51	47	42	37	32	24								Noryl	F	RA	8	640	11,40			
4280-FP	4280-FPT	1	0,75	1" 1/2		52			48	47	44	40	36	31	25	19								Noryl	F	RA	8	695	12,00			
4285-P	4285-PT	1	0,75	2"		49		47	46	45	44	43	41	40	37	35	32	23	16					Noryl		MF	7	980	12,70			
4290-S	4290-ST	1	0,75	1" 1/2		53			46	45	44	42	40	37	34	29	24							Stainless Steel		RA	8	685	11,50			
4295-FP	4295-FPT	1	0,75	2"		43					37	35	33	31	29	26	16								Noryl	F	RA	7	740	12,40		
42100-FP	42100-FPT	1	0,75	2"		36				32	31	30	29	28	27	25	19	14						Noryl		MF	5	673	11,90			
42105-P	42105-PT	1	0,75	2"		32			31	30	30	29	28	28	27	26	23	20	11					Noryl		MF	4	825	12,60			
42110-S	42110-ST	1	0,75	2"		31				29	28	27	26	25	24	23	21	18						Stainless Steel		RA	5	762	13,00			
42115-FP	42115-FPT	1	0,75	2"		27							25	24	23	21	19	13						Noryl	F	RA	4	644	11,50			

4" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 4-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	F = floating sand resistant types	Impeller RA=radial MF=mixed flow	No of impellers	Electropump Height in mms	Weight in kg			
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,3	0,6	1,2	1,8	2,1	2,4	3	3,6	4,2	4,8	5,4	6	7,8	9	12	13,5	15	18	21	24							
					l/m	0	5	10	20	30	35	40	50	60	70	80	90	100	130	150	200	225	250	300	350	400							
4300-S	4300-ST	1,5	1,1	1" 1/4		248	241	208	121																								
4305-FP	4305-FPT	1,5	1,1	1" 1/4		260	241	214	120																								
4310-P	4310-PT	1,5	1,1	1" 1/4		241	226	200	138	50																							
4315-S	4315-ST	1,5	1,1	1" 1/4		209	199	180	106																								
4320-FP	4320-FPT	1,5	1,1	1" 1/4		189	186	179	146	88	48																						
4325-FP	4325-FPT	1,5	1,1	1" 1/4		164	162	158	142	119	99	78	16																				
4330-P	4330-PT	1,5	1,1	1" 1/4		161	157	150	130	101	81	60																					
4335-FP	4335-FPT	1,5	1,1	1" 1/4		142		130	114	104	92	62																					
4340-S	4340-ST	1,5	1,1	1" 1/4		139		121	100	86	71																						
4345-FP	4345-FPT	1,5	1,1	1" 1/4		112		105	98	94	89	78	64	44	17																		
4350-FP	4350-FPT	1,5	1,1	1" 1/4		109		104	97	91	85	72	56	34																			
4355-FP	4355-FPT	1,5	1,1	1" 1/4		103		99	96	94	91	82	71	55																			
4360-S	4360-ST	1,5	1,1	1" 1/4		118		99	96	92	82	69	46																				
4365-P	4365-PT	1,5	1,1	1" 1/4		99	96	93	87	85	81	74	63	54	40	27																	
4370-FP	4370-FPT	1,5	1,1	1" 1/4		95		88	85	83	78	70	60	48	34	21																	
4375-S	4375-ST	1,5	1,1	1" 1/4		99		85	82	79	71	59	41																				
4380-FP	4380-FPT	1,5	1,1	1" 1/4		86		80	78	76	71	64	56	47	36																		
4385-FP	4385-FPT	1,5	1,1	1" 1/2		79			74	73	70	65	59	50	42	32																	
4390-S	4390-ST	1,5	1,1	1" 1/2		79			70	69	68	65	62	58	51	45	38																
4395-P	4395-PT	1,5	1,1	2"		70		68	66	65	64	62	60	56	53	49	44	31	21														
43100-FP	43100-FPT	1,5	1,1	2"		64					55	53	49	46	42	39	25																
43105-FP	43105-FPT	1,5	1,1	2"		56					51	49	47	45	43	41	39	30	21														
43110-P	43110-PT	1,5	1,1	2"		45		43	42	41	41	40	39	38	37	36	33	31	28	16													
43115-S	43115-ST	1,5	1,1	2"		42					39	38	37	36	35	34	33																
43120-FP	43120-FPT	1,5	1,1	2"		40										37	36	35	32	29	18												
43125-FP	43125-FPT	1,5	1,1	2"		39										36	35	34	33	30	28	17											
4400-FP	4400-FPT	2	1,5	1" 1/4		254	250	242	197	119	65																						
4405-P	4405-PT	2	1,5	1" 1/4		229	224	216	188	140	113	82																					
4410-FP	4410-FPT	2	1,5	1" 1/4		208	206	201	182	144	117	84	18																				
4415-FP	4415-FPT	2	1,5	1" 1/4		193	189	183	168	153	135	112	63																				
4420-S	4420-ST	2	1,5	1" 1/4		200			178	147	127	105																					
4425-S	4425-ST	2	1,5	1" 1/4		169			148	125	108	88																					
4430-FP	4430-FPT	2	1,5	1" 1/4		146			139	131	125	118	102	81	50																		
4435-S	4435-ST	2	1,5	1" 1/4		163				137	131	127	116	92	62																		
4440-FP	4440-FPT	2	1,5	1" 1/4		142				135	130	123	117	101	80	56	22																
4445-FP	4445-FPT	2	1,5	1" 1/4		136				132	128	125	121	110	94	72																	
4450-P	4450-PT	2	1,5	1" 1/4		132	128	123	118	114	108	98	86	71	54	35																	
4455-S	4455-ST	2	1,5	1" 1/4		146				123	118	113	99	82	56																		
4460-FP	4460-FPT	2	1,5	1" 1/4		123				114	111	108	100	90	77	62	43	26															
4465-FP	4465-FPT	2	1,5	1" 1/4		114				107	105	101	94	85	74	63	48																
4470-FP	4470-FPT	2	1,5	1" 1/2		104					100	98	94	88	79	70	59	47															
4475-S	4475-ST	2	1,5	1" 1/2		110					98	96	95	90	86	79	72	65	56														
4480-P	4480-PT	2	1,5	2"		90				87	85	84	82	79	76	73	68	65	60	42	28												
4485-FP	4485-FPT	2	1,5	2"		92									79	76	73	70	65	61	38												
4490-FP	4490-FPT	2	1,5	2"		77									70	68	65	63	60	57	54	41	29										

4" **Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS** for min. 4-inch
COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

4" **Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS** for min. 4-inch
COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

4" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 4-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																			Impeller material	F=floating sand resistant types	Impeller RA=radial MF=mixed flow	No of impellers	Electropump Height in mms	Weight in kg		
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,3	0,6	1,2	1,8	2,1	2,4	3	3,6	4,2	4,8	5,4	6	7,8	9	12	13,5	15	18	21	24					
		I/m.	0	5	10	20	30	35	40	50	60	70	80	90	100	130	150	200	225	250	300	350	400								
47135-PT	5,5	4	2"		100					95	93	91	90	89	87	81	76	65	59	54	40	26	11	Noryl		MF	17	2133	26,30		
47140-FPT	5,5	4	2"		109										92	85	79	61	51	38				Noryl	F	RA	17	1560	25,40		
47145-ST	5,5	4	2"		86										82	79	76	69	64	58	39				Stainless Steel		RA	13	1493	25,50	
47150-FPT	5,5	4	2"		100										80	72	68	63	51	40	28				Noryl	F	RA	15	1617	25,80	
47155-FPT	5,5	4	2"		103										75	64	59	53	38	23				Noryl	F	MF	15	1260	22,20		
47160-FPT	5,5	4	2"		83										68	60	56	51	42	33	23				Noryl	F	RA	13	1481	24,60	
4800-FPT	7,5	5,5	2"	Hm Total head in meters w.c.	309					264	253	239	228	215	198	127									Noryl	F	RA	49	2340	34,50	
4805-FPT	7,5	5,5	2"		274				253	247	235	225	216	204	193	147	103								Noryl	F	MF	40	2207	33,30	
4810-PT	7,5	5,5	2"		222		217	212	211	208	202	197	193	186	182	172	149	129	62						Noryl	MF	30	2443	31,10		
4815-ST	7,5	5,5	2"		219				203	199	193	187	181	178	173										Stainless Steel		RA	37	2291	38,90	
4820-FPT	7,5	5,5	2"		199							188	183	178	175	160	143	87							Noryl	F	MF	27	1725	28,90	
4825-FPT	7,5	5,5	2"		206							186	182	176	156	138	82								Noryl	F	RA	32	1776	29,60	
4830-ST	7,5	5,5	2"		178				167	162	158	152	148	144	139										Stainless Steel		RA	30	2000	35,40	
4835-FPT	7,5	5,5	2"		193						166	161	157	143	131	92									Noryl	F	RA	32	2404	35,60	
4840-PT	7,5	5,5	2"		149				142	141	139	138	135	131	122	116	98	91	81	62	38	14			Noryl	MF	26	2973	34,20		
4845-FPT	7,5	5,5	2"		168						140	128	119	89	74	57									Noryl	F	RA	26	2097	32,90	
4850-ST	7,5	5,5	2"		121						114	108	104	95	88	79	56								Stainless Steel		RA	18	1888	32,00	
4855-FPT	7,5	5,5	2"		127						102	91	85	79	67	53	38								Noryl	F	RA	20	2027	32,10	
4860-FPT	7,5	5,5	2"		136						99	85	78	69	50	31									Noryl	F	MF	20	1649	27,30	
4900-FPT	10	7,5	2"	Hm Total head in meters w.c.	343				317	308	296	283	269	255	240	184	128								Noryl	F	MF	50	2864	45,00	
4905-PT	10	7,5	2"		278		270	268	267	262	260	254	246	239	230	194	159	49								Noryl		MF	40	3292	44,00
4910-FPT	10	7,5	2"		265				250	245	238	232	211	190	116										Noryl	F	MF	36	2343	40,20	
4915-PT	10	7,5	2"		198				187	185	183	179	175	170	159	149	126	116	101	76	47	16			Noryl	MF	34	3940	46,30		
4920-ST	10	7,5	2"		167						158	150	145	132	122	110	77								Stainless Steel		RA	25	2615	44,80	
4925-FPT	10	7,5	2"		158						142	133	128	115	109	103	90	71	47						Noryl	F	RA	26	2620	44,50	
4930-FPT	10	7,5	2"		184						134	115	106	93	69	41									Noryl	F	ME	27	2116	38,20	

- Reduction in speed will result in a fall of performance

• DO NOT RUN PUMP DRY

• Tolerances according to ISO 9906, Annex A

Pump Executions Legend:

P = noryl and polycarbonate corrosion and abrasion resistant and non toxic with Pump and Motor Casing in Stainless Steel, Pump Head and Motor Bracket in Brass. (On demand Pump Head and Motor Bracket in Stainless Steel).

S = All Stainless Steel

F = floating impeller sand resistant reduces sand locking; executions for superior sand handling able to handle a tolerable quantity of sand

- Built-in check non-return valve to protect the pump against water hammer

5"
**CLOSE
COUPLED**

Vera™ - 5" SUBMERSIBLE CLOSE-COUPLED STAINLESS STEEL MULTISTAGE CLEAN WATER ELECTRIC PUMPS for collection tanks or cisterns, reservoirs, open large wells, basins, shallow wells, irrigation, gardens and for traditional 5" or 6-inch wells (*with Maximum Depth of Immersion of 20m*) close-coupled to a 2 pole electric motor cooled by the pumped liquid.

MADE OF ALL NON-CORROSIVE MATERIALS, ROBUST, DOUBLE MECHANICAL SEAL SHAFT, COMPACT AND EASY TO INSTALL.

APPLICATIONS

Suitable to extract underground water for general water well applications: water supply from wells, cisterns, collection tanks or from reservoirs, basins, garden, orchard and landscape irrigation, vineyards, sprinkler systems, turf watering, horticulture, golf courses, booster sets; storm and flood water removal, emptying of flooded underground cellars, treated grey waters, garage, basements, pits, rainwaters and storm water harvesting, farmings, stock watering, rural dwellings, private homes and weekend cottages, air conditioning, refrigeration, drinking water circulation, waterfalls, swimming pools, dewatering, water treatment, frost protection, mine drinking water supply and dewatering.

They may be installed also horizontally for operation into fountains, ponds, rivers, water tanks, etc.

Suitable to replace standard surface pumps, carrying the advantages of lesser space needed, less maintenance and complete absence of noise.

For domestic household, industrial, agricultural, commercial and municipal applications, in all cases where it is requested to lift water out from below the ground and to push it above with pressure: private sector water suply, public and residential buildings, office buildings, hotels, hospitals, industries.

Maximum Depth of Immersion: 20m.



5"
CLOSE COUPLED

Vera™ - 5" SUBMERSIBLE CLOSE-COUPLED STAINLESS STEEL MULTISTAGE CLEAN WATER ELECTRIC PUMPS
for collection tanks or cisterns, reservoirs, open large wells, basins, shallow wells, irrigation, gardens and
for traditional 5" or 6-inch wells (*with Maximum Depth of Immersion of 20m*) close-coupled to a 2 pole electric
motor cooled by the pumped liquid.

TYPES		HP	kW	DNm Ø	Q= Performance at 2900 rpm															Impeller material	No of impellers	Electropump Height in mms	Weight in kg			
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6	7,2	7,8	9						
		l/m	0	10	20	30	40	50	60	70	80	90	100	110	120	130	150	200	225							
5005-S	5005-ST	0,75	0,55	1"1/4		47	45	43	41	38	34	30	25							stainless steel	4	520	16,2			
5105-S	5105-ST	1	0,75	1"1/4		70	68	65	61	57	50	44	36							stainless steel	6	568	17,4			
5110-S	5110-ST	1	0,75	1"1/4		59	57	54	50	47	42	37	30							stainless steel	5	544	16,8			
5120-S	5120-ST	1	0,75	1"1/4		47	46	45	44	43	42	40	38	36	34	31	28	24		stainless steel	4	520	16,2			
5200-S	5200-ST	1,2	0,9	1"1/4		81	79	75	71	65	59	50	42							stainless steel	7	592	18,8			
5205-S	5205-ST	1,2	0,9	1"1/4		59	58	57	56	54	51	50	48	45	42	38	34	29		stainless steel	5	544	17,6			
5300-S	5300-ST	1,5	1,1	1"1/4		92	90	86	81	75	67	59	48							stainless steel	8	616	19,4			
5310-S	5310-ST	1,5	1,1	1"1/4		71	70	69	67	65	63	60	57	54	50	45	40	34		stainless steel	6	568	18,2			
5400-S	5400-ST	2	1,5	1"1/4		114	112	106	100	91	82	72	60							stainless steel	10	674	24			
5405-S	5405-ST	2	1,5	1"1/4		93	91	90	87	84	82	78	75	71	66	61	54			stainless steel	8	626	23			
5410-S	5410-ST	2	1,5	1"1/4		82	81	79	77	74	72	69	66	62	59	54	46			stainless steel	7	602	22,5			
5415-S	5415-ST	2	1,5	1"1/4		49	48	48	47	47	46	46	45	45	44	43	42	41	40	38	29	21	stainless steel	4	584	21,5
5505-S	5505-ST	3	2,2	1"1/4		116	114	111	108	105	101	97	93	87	82	75	67				stainless steel	10	674	25,5		
5510-S	5510-ST	3	2,2	1"1/4		105	102	100	97	94	91	88	84	79	74	68	60			stainless steel	9	650	25			
5515-S	5515-ST	3	2,2	1"1/4		73	72	71	70	69	66	67	66	65	64	63	61	60	56	43	31	stainless steel	6	644	24,5	
5520-S	5520-ST	3	2,2	1"1/4		61	60	60	59	59	58	57	56	55	55	54	53	51	50	47	36	26	stainless steel	5	614	23,5
5600-ST		4	3	1"1/4		108	107	106	105	104	103	102	101	99	98	95	93	91	89	85	65	46	stainless steel	9	734	25,5
5605-ST		4	3	1"1/4		96	95	94	93	92	91	90	89	87	86	85	83	82	80	76	58	41	stainless steel	8	704	25
5610-ST		4	3	1"1/4		85	84	83	82	81	80	79	78	77	76	74	73	72	70	66	50	36	stainless steel	7	674	24,5

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- Supplied with 20 mt H07RNF cable.

- 1phase version supplied with float switch (level control) up to 2 HP included (Automatic version).

- OPTIONAL: Control box and different cable length.

6"

Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

PUMP CONSTRUCTION

Executions:

P = noryl and polycarbonate corrosion and abrasion resistant and non toxic with Pump and Motor Casing in Stainless Steel. Pump Head and Motor Bracket in Brass.

S = All Stainless Steel.

G = Cast Iron with Motor Casing in Stainless Steel.

SUBMERSIBLE ELECTRIC MOTORS

4-inch

- Rewindable.

- Oil cooled (prefilled with food grade additives to protect against freeze and rust).

6-inch

- Rewindable.

- Oil cooled (prefilled with food grade additives to protect against freeze and rust).

8-inch

- Rewindable.

- Wet type water-cooled.

INNOVATIONS AND SPECIALTIES

On demand all wetted parts available with grade 304 or 316 stainless steel or bronze.

Executions for superior sand handling able to handle a tolerable quantity of sand.



INTELLIGENT CONTROL SYSTEMS

All pumps can be supplied with Protection and Control Boxes: Panel-Starters, Intelligent control systems, Electric-Electronic Controls Panels also with Variable Speed Inverters.

MOTOR SIZE

All pumps up to 7,5 HP included are fitted with 4-inch size electric motors; Pumps with metallic impellers (cast iron or brass) all fitted with 6-inch size electric motors.

From 10 HP to 50 HP all pumps are fitted with 6-inch size electric motors.

From 60 HP onwards all pumps are fitted with 8-inch size electric motors.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg				
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96				
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600							
6000-S4	6000-S4T	0,75	0,55	2"1/2	15	14	13	13	12	10	9	8	6																Stainless Steel	RA	1	668	12,60
6100-S4	6100-S4T	1,5	1,1	2"1/2	26	24	24	23	21	20	17	14	11																Stainless Steel	RA	2	788	16,70
6200-P4	6200-P4T	2	1,5	3"	30				27	25	23	21	19	16	12	8	4												Noryl	MF	2	822	20,40
6300-P4	6300-P4T	3	2,2	3"	84	81	74	64	49	29																			Noryl	RA	5	948	22,60
6305-P4	6305-P4T	3	2,2	2"1/2	80	78	72	62	47																				Noryl	MF	5	1080	28,30
6310-P4	6310-P4T	3	2,2	2"1/2	63	62	61	57	53	43	31																	Noryl	MF	4	1045	27,70	
6315-P4	6315-P4T	3	2,2	3"	65			60	54	44	32																	Noryl	RA	4	910	23,30	
6325-P4	6325-P4T	3	2,2	2"1/2	50		48	45	42	38	31	24	16	7													Noryl	MF	4	1090	29,60		
6330-S4	6330-S4T	3	2,2	2"1/2	46	45	44	43	40	35	31	25	20															Stainless Steel	RA	4	994	23,50	
6335-P4	6335-P4T	3	2,2	3"	43				37	35	32	30	27	22	17	11	5											Noryl	MF	3	929	23,40	
6340-S4	6340-S4T	3	2,2	3"	27		25	24	23	22	21	20	19	18	17	15	13	11	8									Stainless Steel	MF	2	932	22,60	
6345-P4	6345-P4T	3	2,2	3"	23							18	17	16	15	14	13	12	10	7								Noryl	MF	2	878	22,60	

Hm = Total head in meters w.c.

6" **Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch**
COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg					
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96					
					l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600					
	6400-P4T	4	3	3"		117	112	103	89	69	39																			Noryl	RA	7	972	22,50
	6405-P4T	4	3	2½"		113	110	101	88	67																				Noryl	MF	7	1108	28,00
	6410-P4T	4	3	3"		101	96	89	77	59	34																			Noryl	RA	6	934	21,90
	6415-P4T	4	3	2½"		80	77	75	71	66	54	38																		Noryl	MF	5	1028	26,90
	6420-P4T	4	3	3"		81		75	67	56	39																			Noryl	RA	5	896	22,60
	6425-P4T	4	3	2½"		74		71	68	64	56	47	35	22	12														Noryl	MF	6	1138	29,60	
	6430-S4T	4	3	2½"		58	56	55	54	50	45	39	31	24															Stainless Steel	RA	5	1003	23,60	
	6435-P4T	4	3	2½"		46		44	42	40	38	35	33	30	26	22	17	12	7									Noryl	MF	3	1008	25,00		
	6440-P4T	4	3	3"		47			42	40	38	35	32	28	24	19	13											Noryl	MF	3	877	22,00		
	6445-S4T	4	3	3"		38		35	34	33	32	31	30	28	26	24	22	19	16	13								Stainless Steel	MF	3	976	22,90		
	6455-P4T	4	3	3"		33					31	30	28	27	26	24	22	20	17	9								Noryl	MF	2	826	21,30		
	6460-P4T	4	3	3"		31		30	29	29	28	28	27	26	25	23	21	19	16	10								Noryl	MF	2	958	25,10		
	6465-S4T	4	3	3"or4"		28				26	26	25	25	24	23	22	21	20	20	19	17	14	11						Stainless Steel	MF	2	914	22,00	
	6500-P4T	5,5	4	3"		150	143	131	113	87	50																		Noryl	RA	9	1098	26,30	
	6505-P4T	5,5	4	2½"		145	139	129	110	84																			Noryl	MF	9	1233	31,60	
	6510-P4T	5,5	4	3"		133	127	117	101	78	45																	Noryl	RA	8	1060	25,70		
	6515-P4T	5,5	4	2½"		129	124	115	99	75																		Noryl	MF	8	1193	31,00		
	6520-P4T	5,5	4	2½"		96	92	89	85	78	66	48															Noryl	MF	6	1118	29,90			
	6521-S4T	5,5	4	2½"		93	89	84	78	69	53	32															Stainless Steel	RA	8	969	29,30			
	6525-P4T	5,5	4	3"		98			89	80	67	46															Noryl	RA	6	984	25,70			
	6535-P4T	5,5	4	2½"		87		83	78	74	65	54	41	25	14												Noryl	MF	7	1238	32,70			
	6540-S4T	5,5	4	2½"		81	78	77	74	69	62	54	42	34													Stainless Steel	RA	7	1174	29,00			
	6541-S4T	5,5	4	2½"		81	78	74	69	61	46	28															Stainless Steel	RA	7	939	28,60			
	6542-S4T	5,5	4	2½"		73	71	70	68	65	60	54	46	35	23												Stainless Steel	RA	6	963	28,00			
	6550-S4T	5,5	4	2½"		69	67	66	63	59	53	45	36	29													Stainless Steel	RA	6	1113	27,50			
	6551-S4T	5,5	4	2½"		70	67	63	59	52	40	25															Stainless Steel	RA	6	909	27,80			
	6555-P4T	5,5	4	2½"		63		58	56	55	51	48	45	41	36	30	24	17	10								Noryl	MF	4	1118	29,30			
	6556-S4T	5,5	4	2½"		59	57	53	49	44	34	21															Stainless Steel	RA	5	879	26,80			
	6560-P4T	5,5	4	3"		62				57	54	50	46	42	37	32	25	17									Noryl	MF	4	984	25,40			
	6570-P4T	5,5	4	3"		49		47	47	46	45	44	42	41	39	36	32	29	25	17							Noryl	MF	3	1068	28,60			
	6571-S4T	5,5	4	3"		51				47	45	43	40	37	33	29	25	20									Stainless Steel	RA	4	973	27,80			
	6575-S4T	5,5	4	3"		48		45	44	43	42	40	38	36	33	30	28	25	21	17							Stainless Steel	MF	4	1122	27,10			
	6580-P4T	5,5	4	3"		50				45	44	42	40	37	35	32	28	25	21	17							Noryl	MF	3	936	24,70			
	6581-S4T	5,5	4	3"		49				41	40	38	36	34	33	30	28	25	21								Stainless Steel	MF	3	1088	30,00			
	6582-S4T	5,5	4	3"		39				36	34	32	31	28	25	22	19	15								Stainless Steel	RA	3	926,5	26,80				
	6583-S4T	5,5	4	3"		42					36	35	34	32	31	29	28	26	23	19							Stainless Steel	MF	3	1173,5	31,40			
	6586-GT	5,5	4	3"		55				47	45	43	41	39	37	34	32	29	26	22	15	8						Cast Iron	MF	3	1130	61,00		
	6591-GT	5,5	4	3"		39					29	27	26	25	23	22	21	19	16	13	10							Cast Iron	MF	2	1022	55,00		
	6596-GT	5,5	4	3"		37						29	28	27	26	25	23	21	19	16	13	10						Cast Iron	MF	2	1022	55,00		
	65100-P4T	5,5	4	3"		28		28	27	27	26	25	25	24	23	22	21	20	19	17	14	11	8				Noryl	MF	2	1008	27,90			
	65105-S4T	5,5	4	3"or4"		30				28	27	26	25	24	23	22	21	20	18	16	15	13	10	7				Stainless Steel	MF	2	964	24,50		
	65106-S4T	5,5	4	3"		29					25	24	23	22	21	20	19	18	16	13							Stainless Steel	MF	2	1059,5	28,80			
	65107-S4T	5,5	4	3"		29						24	23	22	20	19	18	17	16	14	11						Stainless Steel	MF	2	1059,5	28,80			
	6600-P4T	7,5	5,5	2½"		206	197	182	156	121																	Noryl	MF	13	1458	37,10			
	6605-P4T	7,5	5,5	3"		200	190	175	150	116	67															Noryl	RA	12	1282	31,60				

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg				
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96				
					l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600				
6610-P4T	7,5	5,5	2"1/2	Hm = Total head in meters w.c.	155	153	149	141	127	105	75																		Noryl	MF	10	1343	35,40
6611-S4T	7,5	5,5	2"1/2		149	142	135	125	111	84	51																		Sssteel	RA	13	1189	36,10
6616-S4T	7,5	5,5	2"1/2		138	132	125	116	102	78	47																	Sssteel	RA	12	1159	35,40	
6620-P4T	7,5	5,5	3"		143		132	118	98	70																		Noryl	RA	9	1168	31,00	
6621-S4T	7,5	5,5	2"1/2		127	121	115	107	94	71	43																Sssteel	RA	11	1129	34,60		
6625-P4T	7,5	5,5	2"1/2		123		118	111	104	92	77	59	35	18													Noryl	MF	10	1458	38,20		
6630-P4T	7,5	5,5	3"		128			118	105	88	62																Noryl	RA	8	1130	30,30		
6631-S4T	7,5	5,5	2"1/2		115	110	104	97	86	65	39															Sssteel	RA	10	1099	34,10			
6636-S4T	7,5	5,5	2"1/2		108	106	104	101	96	89	80	67	52	33												Sssteel	RA	9	1145,5	33,60			
6640-P4T	7,5	5,5	3"		112			103	92	77	55															Noryl	RA	7	1092	29,60			
6641-S4T	7,5	5,5	2"1/2		104	99	94	88	77	59	36															Sssteel	RA	9	1069	33,40			
6642-S4T	7,5	5,5	2"1/2		96	94	93	90	86	80	71	60	46	30											Sssteel	RA	8	1108	32,90				
6645-P4T	7,5	5,5	2"1/2		91	87	83	80	75	71	65	59	51	44	34	24	15								Noryl	MF	6	1303	34,20				
6650-P4T	7,5	5,5	3"		92			84	79	75	69	63	55	46	36	25									Noryl	MF	6	1168	30,50				
6651-S4T	7,5	5,5	2"1/2		85	83	81	79	75	70	63	53	41	26										Sssteel	RA	7	1070,5	32,10					
6652-GT	7,5	5,5	3"		89			78	75	71	68	64	60	56	51	47	42	37	26	15					Cast Iron	MF	5	1376	81,00				
6655-LT	7,5	5,5	2"1/2		88			75	73	70	67	64	59	53	44	35	24								Brass	RA	8	1414	54,50				
6660-S4T	7,5	5,5	3"		73	70	67	65	63	61	59	55	51	47	42	38	32	27							Sssteel	MF	6	1384	33,80				
6665-P4T	7,5	5,5	3"		65	63	62	61	60	59	57	55	51	48	45	42	37	32	21					Noryl	MF	4	1198	32,60					
6671-GT	7,5	5,5	3"		72			63	60	58	55	52	48	45	41	38	34	30	21	11					Cast Iron	MF	4	1268	75,00				
6680-P4T	7,5	5,5	3"		66					60	58	56	53	49	46	42	37	31	16					Noryl	MF	4	1066	28,80					
6685-GT	7,5	5,5	2"1/2		68		62	60	58	56	54	51	48	45	41	36	31	26							Cast Iron	MF	4	1267	70,50				
6691-S4T	7,5	5,5	3"		63				58	56	53	50	46	41	36	31	24								Sssteel	RA	5	1089,5	32,10				
6692-S4T	7,5	5,5	3"		65				55	53	51	48	46	44	41	38	34	29							Sssteel	MF	4	1243,5	35,40				
6696-GT	7,5	5,5	3"		77					55	52	49	47	44	42	40	35	30	24	18					Cast Iron	MF	4	1268	75,00				
66101-S4T	7,5	5,5	3"		55					48	46	44	42	40	38	37	33	29	25					Sssteel	MF	4	1357,5	37,40					
66105-S4T	7,5	5,5	3"or 4"		44				42	41	40	39	38	36	34	32	30	28	26	24	20	16	12		Sssteel	MF	3	1147	30,10				
66106-GT	7,5	5,5	3"		59					42	40	38	36	34	33	31	27	23	19	14					Cast Iron	MF	3	1160	69,00				
66107-GT	7,5	5,5	3"		56						42	41	40	39	37	33	30	27	23	19	14					Cast Iron	MF	3	1160	69,00			
66110-P4T	7,5	5,5	3"		41	41	41	40	40	39	38	37	36	34	33	31	30	28	24	20	15	10			Noryl	MF	3	1138	31,90				
66116-S4T	7,5	5,5	3"		43										35	33	32	30	28	26	25	23	20	16		Sssteel	MF	3	1243,5	34,70			
66121-GT	7,5	5,5	3"		35												29	29	28	27	25	23	21	19	17	13	10	7	Cast Iron	MF	2	1052	63,00
6700-PT	10	7,5	2"1/2	Hm = Total head in meters w.c.	267	260	240	206	156																	Noryl	MF	17	1665	62,60			
6705-PT	10	7,5	3"		248	237	218	189	144	83																Noryl	RA	15	14588	57,00			
6710-PT	10	7,5	2"1/2		198	196	191	181	165	139	101														Noryl	MF	13	1520	60,50				
6716-ST	10	7,5	2"1/2		195	185	176	163	144	109	66														Stainless Steel	RA	17	1371	62,50				
6720-PT	10	7,5	3"		191			176	157	130	92														Noryl	RA	12	1344	56,20				
6721-ST	10	7,5	2"1/2		183	175	166	154	136	103	62													Stainless Steel	RA	16	1341	62,00					
6722-ST	10	7,5	2"1/2		172	165	156	144	128	97	58													Stainless Steel	RA	15	1311	61,00					
6725-PT	10	7,5	2"1/2		170	162	154	144	126	103	78	47	22											Noryl	MF	14	1720	64,60					
6726-ST	10	7,5	2"1/2		161	154	145	135	119	90	55													Stainless Steel	RA	14	1281	60,30					
6727-ST	10	7,5	2"1/2		143	141	138	134	127	118	106	89	68	43										Stainless Steel	RA	12	1320	59,80					
6731-ST	10	7,5	2"1/2		132	129	127	123	117	109	98	82	63	40										Stainless Steel	RA	11	1282,5	59,00					
6732-ST	10	7,5	2"1/2		120	118	115	112	106	99	89	75	57	37										Stainless Steel	RA	10	1245	59,00					
6735-PT	10	7,5	2"1/2		122	115	111	106	99	93	85	78	68	58	45	32	20							Noryl	MF	8	1480	59,20					

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg						
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96						
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600									
	6740-PT	10	7,5	3"		122			111	105	99	91	83	72	62	47	32													Noryl	MF	8	1344	55,60	
	6745-LT	10	7,5	2 1/2"		120			103	100	97	93	89	84	75	64	51	36												Brass	RA	11	1591	59,00	
	6751-GT	10	7,5	3"		107			93	90	85	81	76	71	66	61	55	49	43	30	16									Cast Iron	MF	6	1514	92,00	
	6755-GT	10	7,5	2 1/2"		95			87	84	82	79	76	72	69	64	59	52	44	36										Cast Iron	MF	6	1465	82,00	
	6760-ST	10	7,50	3"		83			81	79	77	74	71	67	63	59	54	48	42	36	30									Stainless Steel	MF	7	1542	58,90	
	6761-ST	10	7,5	3"		96			81	78	74	71	67	64	59	55	48	41												Stainless Steel	MF	6	1476	63,00	
	6762-ST	10	7,5	3"		88			80	77	73	69	63	56	49	42	33													Stainless Steel	RA	7	1244,5	57,50	
	6765-PT	10	7,5	3"		78			77	76	75	73	72	69	67	64	61	56	50	44	38	24								Noryl	MF	5	1320	57,80	
	6775-PT	10	7,5	3"		81					75	72	69	65	62	57	53	45	38	20									Noryl	MF	5	1188	53,20		
	6781-ST	10	7,5	3"		81					69	66	63	60	57	54	51	47	42	36									Stainless Steel	MF	5	1390,5	60,90		
	6782-ST	10	7,5	3"		75					69	66	63	60	54	48	43	37	29										Stainless Steel	RA	6	1198	56,50		
	6786-GT	10	7,5	3"		96					69	65	62	59	56	53	49	43	37	30	21								Cast Iron	MF	5	1406	83,00		
	6790-ST	10	7,5	3" or 4"		70					68	66	64	62	60	58	56	53	50	48	46	41	34	26					Stainless Steel	MF	5	1435	58,00		
	6796-ST	10	7,5	3"		69						60	58	55	52	50	48	46	42	37	31								Stainless Steel	MF	5	1533,5	63,30		
	67100-ST	10	7,5	3"		59					57	56	54	51	49	48	46	44	41	39	38	34	29	21					Stainless Steel	MF	4	1322	58,00		
	67101-GT	10	7,5	3"		74						57	55	53	50	48	44	40	35	30	25	19						Cast Iron	MF	4	1298	77,00			
	67105-PT	10	7,5	3"		55			56	55	54	53	51	50	48	47	45	43	41	39	37	32	27	21	14				Noryl	MF	4	1260	56,00		
	67106-ST	10	7,5	3"		57						46	44	42	39	36	34	32	30	26	21								Stainless Steel	MF	4	1419,5	60,80		
	67110-PT	10	7,5	3"		54						44	42	40	38	36	31	25	18	10									Noryl	MF	4	1128	52,10		
	67116-GT	10	7,5	3"		53						43	42	41	39	37	34	31	28	24	19	14	9					Cast Iron	MF	3	1190	71,00			
<i>Hm = Total head in meters w.c.</i>																																			
	6800-PT	12,5	9,3	3"		347	331	304	263	201	115																				Noryl	RA	21	1686	64,00
	6805-PT	12,5	9,3	2 1/2"		332	321	297	253	193																					Noryl	MF	21	1820	67,90
	6810-PT	12,5	9,3	3"		298	284	262	225	173	99																			Noryl	RA	18	1572	62,00	
	6815-PT	12,5	9,3	2 1/2"		247	243	236	223	202	166	121																	Noryl	MF	16	1630	65,10		
	6821-ST	12,5	9,3	2 1/2"		251	239	227	211	186	141	85																	Stainless Steel	RA	22	1521	69,30		
	6822-ST	12,5	9,3	2 1/2"		240	228	217	201	178	135	81																	Stainless Steel	RA	21	1491	68,50		
	6825-PT	12,5	9,3	3"		238			219	196	163	114																	Noryl	RA	15	1458	61,20		
	6826-ST	12,5	9,3	2 1/2"		229	218	207	192	169	128	77																	Stainless Steel	RA	20	1461	67,80		
	6827-ST	12,5	9,3	2 1/2"		217	207	197	182	161	122	73																	Stainless Steel	RA	19	1431	67,00		
	6828-ST	12,5	9,3	2 1/2"		206	196	186	173	153	116	69																	Stainless Steel	RA	18	1401	66,30		
	6830-PT	12,5	9,3	2 1/2"		207	196	185	173	151	124	92	55	26														Noryl	MF	17	1870	69,90			
	6831-ST	12,5	9,3	2 1/2"		179	175	172	167	159	147	132	111	85	54														Stainless Steel	RA	15	1432,5	65,00		
	6832-ST	12,5	9,3	2 1/2"		167	164	161	156	148	138	124	104	80	50													Stainless Steel	RA	14	1395	64,30			
	6833-ST	12,5	9,3	2 1/2"		155	152	149	145	138	128	115	97	74	47													Stainless Steel	RA	13	1357,5	63,50			
	6840-PT	12,5	9,3	2 1/2"		149			140	135	130	124	117	108	98	85	73	58	42	24								Noryl	MF	10	1590	63,80			
	6845-PT	12,5	9,3	3"		152				138	131	123	113	103	90	77	59	40										Noryl	MF	10	1458	60,50			
	6846-GT	12,5	9,3	3"		141					124	119	113	108	102	95	88	81	73	65	57	39	20					Cast Iron	MF	8	1730	104,00			
	6850-ST	12,5	9,3	3"		117	114	112	109	105	101	96	90	85	78	71	63	53	44									Stainless Steel	MF	10	1830	67,00			
	6851-GT	12,5	9,3	3"		124				109	104	99	94	89	83	77	71	64	57	50	34	17						Cast Iron	MF	7	1622	98,00			
	6855-ST	12,5	9,3	3"		105	103	101	98	94	90	86	81	76	70	63	56	47	39								Stainless Steel	MF	9	1734	65,30				
	6856-ST	12,5	9,3	3"		112					102	98	93	88	80	72	63	54	42									Stainless Steel	RA	9	1337,5	62,50			
	6857-ST	12,5	9,3	3"		113					96	92	88	84	80	75	70	65	58	50								Stainless Steel	MF	7	1561,5</				

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TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg						
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96						
					l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600						
6875-ST	12,5	9,3	3"		87			84	82	80	76	73	70	68	66	63	61	58	51	43	35										Stainless Steel	MF	6	1548	63,30
6876-ST	12,5	9,3	3"		96						84	81	78	74	71	67	64	57	51	43										Stainless Steel	MF	7	1761	71,50	
6877-GT	12,5	9,3	3"		114						82	78	74	70	66	62	59	51	44	35	25									Cast Iron	MF	6	1514	92,00	
6880-PT	12,5	9,3	3"		82	80	79	77	76	75	72	70	68	66	63	60	57	55	46	38	30	21								Noryl	MF	6	1380	61,50	
6886-ST	12,5	9,3	3"		84						73	71	68	65	62	59	56	50	45	38									Stainless Steel	MF	6	1647	69,00		
6890-ST	12,5	9,3	3"or 4"		73						70	69	67	65	63	60	58	55	53	48	44	40	35	29	21					Stainless Steel	MF	5	1435	61,00	
6896-GT	12,5	9,3	3"		91							70	68	66	63	61	55	49	43	37	30	23						Cast Iron	MF	5	1406	86,00			
6897-ST	12,5	9,3	3"		71												58	55	52	49	45	43	41	37	33	26					Stainless Steel	MF	5	1533,5	66,30
6898-GT	12,5	9,3	3"		70													57	56	55	51	49	45	41	37	31	25	18	11	Cast Iron	MF	4	1298	80,00	
68100-PT	12,5	9,3	3"		68													56	53	50	48	45	38	31	22	12					Noryl	MF	5	1188	56,10
6900-PT	15	11	2"1/2	Hm = Total head in meters.w.c.	393	382	353	302	230																				Noryl	MF	25	2075	73,10		
6905-PT	15	11	3"		397	378	347	299	229	131																			Noryl	RA	24	1900	68,90		
6910-PT	15	11	2"1/2		290	286	276	263	238	197	145																	Noryl	MF	19	1845	69,80			
6916-ST	15	11	2"1/2		296	282	268	249	220	166	99																	Stainless Steel	RA	26	1741	75,00			
6917-ST	15	11	2"1/2		285	272	258	239	211	160	96																	Stainless Steel	RA	25	1711	74,50			
6920-PT	15	11	3"		286		263	234	195	136																		Noryl	RA	18	1672	66,10			
6921-ST	15	11	2"1/2		274	261	248	230	203	154	92																	Stainless Steel	RA	24	1681	73,80			
6922-ST	15	11	2"1/2		262	250	238	220	195	147	88																	Stainless Steel	RA	23	1651	73,00			
6925-PT	15	11	2"1/2		255	243	230	215	188	154	114	70	32															Noryl	MF	21	2170	76,00			
6931-ST	15	11	2"1/2		214	210	206	200	190	177	158	133	102	64														Stainless Steel	RA	18	1645	70,50			
6932-ST	15	11	2"1/2		202	198	195	189	179	167	150	126	96	61														Stainless Steel	RA	17	1607,5	69,80			
6933-ST	15	11	2"1/2		191	187	183	178	169	157	141	118	91	57														Stainless Steel	RA	16	1570	69,00			
6935-PT	15	11	2"1/2		178	168	162	156	147	138	128	117	102	87	68	48	27											Noryl	MF	12	1805	68,40			
6940-PT	15	11	3"		182		166	157	147	135	123	108	92	70	48													Noryl	MF	12	1672	65,30			
6945-ST	15	11	3"		150	146	143	140	135	130	123	116	108	100	90	80	69	58									Stainless Steel	MF	13	2218	75,00				
6950-LT	15	11	2"1/2		167		142	137	132	127	122	115	104	88	70	49												Brass	RA	15	1887	69,00			
6956-GT	15	11	3"		159		139	133	127	121	114	106	99	91	82	73	64	44	22								Cast Iron	MF	9	1938	113,00				
6960-ST	15	11	3"		129	125	123	120	115	111	105	100	93	86	79	70	60	49									Stainless Steel	MF	11	2026	71,60				
6961-ST	15	11	3"		136		125	120	114	108	98	87	76	65	51												Stainless Steel	RA	11	1530,5	67,50				
6965-PT	15	11	3"		126	122	121	119	117	114	110	106	100	95	87	80	70	61	38								Noryl	MF	8	1600	66,00				
6970-GT	15	11	2"1/2		133	122	119	115	111	107	103	98	92	84	74	64	54									Cast Iron	MF	8	1730	96,50					
6971-ST	15	11	3"		144		121	116	111	106	100	95	88	81	72	61											Stainless Steel	MF	9	1832,5	75,30				
6980-PT	15	11	3"		129		117	113	109	103	97	89	82	71	61	31											Noryl	MF	8	1468	61,90				
6981-ST	15	11	3"		124		113	109	104	98	89	79	70	60	47												Stainless Steel	RA	10	1484	66,50				
6982-ST	15	11	3"		129		109	104	100	95	90	86	80	74	66	56											Stainless Steel	MF	8	1747	73,40				
6986-GT	15	11	3"		151						108	103	98	92	87	82	78	69	59	46	33						Cast Iron	MF	8	1830	107,00				
6990-ST	15	11	3"or 4"	Hm = Total head in meters.w.c.	100		97	95	91	88	85	82	79	76	73	70	67	60	49	39							Stainless Steel	MF	7	1761	68,60				
6991-ST	15	11	3"		109						95	92	88	84	80	76	72	65	58	48							Stainless Steel	MF	8	1975	77,20				
6992-GT	15	11	3"		133						95	90	86	81	77	73	69	61	51	41	29						Cast Iron	MF	7	1722	101,00				
6995-PT	15	11	3"		96	93	91	89	88	86	83	81	78	76	72	69	65	62	54	44	35	24					Noryl	MF	7	1540	65,20				
69101-GT	15	11	3"		109							84	81	78	75	72	66	60	53	44	36	27					Cast Iron	MF	6	1614	95,00				
69105-ST	15	11	3"or 4"		86							82	81	79	76	70	67	64	61	56	50	46	40	34	25		Stainless Steel	MF	6	1648	66,30				
69106-GT	15	11	3"		87												71	69	68	65	61	57	51	45	39	31	22	13	Cast Iron	MF	5	1506	89,00		
69111-ST	15	11	3"		84												68	65	62	58	54	51	48	44	38	31			Stainless Steel	MF	6	1747	72,00		
69115-PT	15	11	3"		81												66	63	61	57	54	45	36	26	14				Noryl	MF	6	1348	60,00		

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COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

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TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg						
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96						
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600									
	6C50-ST	25	18,5	3"	218		212	209	203	196	186	176	165	154	140	128	113	97	80												Stainless Steel	MF	19	2924	102,20
	6C55-ST	25	18,5	3"	207		202	199	193	186	179	169	159	147	135	123	110	93	76												Stainless Steel	MF	18	2828	100,50
	6C61-ST	25	18,5	3"	222			202	195	185	175	159	141	123	106	82															Stainless Steel	RA	18	1986	91,00
	6C62-ST	25	18,5	3"	210			191	184	175	165	150	134	117	100	78															Stainless Steel	RA	17	1939,5	90,00
	6C63-ST	25	18,5	3"	224			189	181	173	165	157	149	139	128	114	97														Stainless Steel	MF	14	2390	102,80
	6C65-PT	25	18,5	3"	188		181	178	175	171	167	162	157	148	140	129	118	104	89	56										Noryl	MF	12	1975	86,00	
	6C66-ST	25	18,5	3"	198			180	173	165	156	142	126	110	94	73														Stainless Steel	RA	16	1893	89,00	
	6C67-ST	25	18,5	3"	209			177	169	162	155	147	139	130	120	107	92												Stainless Steel	MF	13	2304,5	100,70		
	6C71-GT	25	18,5	3"	245					174	166	158	149	140	133	125	110	93	75	54									Cast Iron	MF	13	2500	154,00		
	6C76-ST	25	18,5	3"	190					165	160	153	146	140	133	125	112	100	84									Stainless Steel	MF	14	2788,5	109,80			
	6C80-ST	25	18,5	3"or 4"	165			162	159	154	148	143	138	133	128	123	118	113	101	86	67								Stainless Steel	MF	12	2456	97,00		
	6C86-ST	25	18,5	3"	178					155	150	143	137	131	124	118	105	94	79									Stainless Steel	MF	13	2674,5	107,20			
	6C90-ST	25	18,5	3"	153			150	146	142	136	132	127	122	118	113	109	104	93	78	61								Stainless Steel	MF	11	2343	94,70		
	6C91-GT	25	18,5	3"	208					147	140	133	126	119	113	106	93	79	64	45								Cast Iron	MF	11	2284	142,00			
	6C95-PT	25	18,5	3"	147		144	142	139	134	130	126	121	117	112	106	100	95	82	69	55	39						Noryl	MF	11	1910	85,20			
	6C96-ST	25	18,5	3"	165					144	139	134	128	122	116	110	98	88	74								Stainless Steel	MF	12	2560,5	104,60				
	6C100-ST	25	18,5	3"or 4"	140					138	135	131	128	123	119	114	110	105	98	90	81	71	60	47				Stainless Steel	MF	10	2230	92,40			
	6C101-GT	25	18,5	3"	180						137	133	128	123	118	108	97	86	73	59	43						Cast Iron	MF	10	2176	136,00				
	6C105-ST	25	18,5	3"or 4"	130					125	122	119	115	111	107	102	98	94	86	79	72	64	54	40				Stainless Steel	MF	9	2117	90,10			
	6C106-GT	25	18,5	3"	155							125	123	120	114	108	100	91	81	69	55	38	22				Cast Iron	MF	9	2068	130,00				
	6C107-ST	25	18,5	3"	150						123	118	113	108	100	94	88	80	68	56							Stainless Steel	MF	11	2447	102,00				
	6C108-ST	25	18,5	3"	138						113	109	104	99	92	86	81	74	64	52								Stainless Steel	MF	10	2333	99,40			
	6C111-GT	25	18,5	3"	137							111	109	107	102	96	89	81	72	62	48	34	20				Cast Iron	MF	8	1960	124,00				
	6C115-PT	25	18,5	3"	134							109	104	99	93	88	75	60	42	22								Noryl	MF	10	1718	80,70			
	<i>Hm = Total head in meters w.c.</i>																																		
	6D00-PT	30	22	3"	738	707	649	560	428	245																			Noryl	RA	45	3063	108,30		
	6D01-ST	30	22	2"1/2	591	563	534	495	437	330	197																	Stainless Steel	RA	52	2710,5	118,00			
	6D02-ST	30	22	2"1/2	580	552	524	486	429	324	193																	Stainless Steel	RA	51	2680,5	117,00			
	6D03-ST	30	22	2"1/2	568	541	514	476	421	318	189																	Stainless Steel	RA	50	2650,5	116,00			
	6D04-ST	30	22	2"1/2	557	530	504	467	412	311	186																	Stainless Steel	RA	49	2620,5	115,00			
	6D04A-ST	30	22	2"1/2	546	520	493	457	404	305	182																	Stainless Steel	RA	48	2590	114,00			
	6D04B-ST	30	22	2"1/2	534	509	483	448	395	299	178																	Stainless Steel	RA	47	2560,5	113,00			
	6D05-PT	30	22	3"	553		509	453	377	264																		Noryl	RA	35	2683	113,00			
	6D06-ST	30	22	2"1/2	523	498	473	438	387	292	175																	Stainless Steel	RA	46	2530,5	112,00			
	6D07-ST	30	22	2"1/2	512	487	463	429	379	286	171																	Stainless Steel	RA	45	2500,5	111,30			
	6D08-ST	30	22	2"1/2	426	418	410	397	378	351	315	264	201	126													Stainless Steel	RA	36	2509,5	107,00				
	6D09-ST	30	22	2"1/2	414	406	398	386	367	341	306	257	196	123													Stainless Steel	RA	35	2472	106,30				
	6D11-ST	30	22	2"1/2	403	395	387	375	357	332	297	249	190	119													Stainless Steel	RA	34	2434,5	105,50				
	6D12-ST	30	22	2"1/2	391	383	376	364	346	322	289	242	185	116													Stainless Steel	RA	33	2397	104,80				
	6D13-ST	30	22	2"1/2	379	372	364	353	336	312	280	235	179	112													Stainless Steel	RA	32	2359,5	104,00				
	6D14-ST	30	22	2"1/2	367	360	353	342	326	303	271	227	174	109													Stainless Steel	RA	31	2322	103,30				
	6D20-PT	30	22	2"1/2	355	335	323	310	292	275	253	232	205	177	142	108	70										Noryl	MF	24	2730	100,70				
	6D25-PT	30	22	3"	3																														

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg						
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96						
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600									
	6D40-ST	30	22	3"		260		255	251	244	235	225	213	200	185	170	152	133	113	91											Stainless Steel	MF	23	3368	114,00
	6D41-ST	30	22	3"		271				247	237	225	213	194	172	150	129	100													Stainless Steel	RA	22	2232	99,30
	6D42-ST	30	22	3"		286				241	231	221	211	200	189	176	162	144	123												Stainless Steel	MF	18	2791,5	116,20
	6D43-ST	30	22	3"		259				236	227	215	204	185	165	144	123	96													Stainless Steel	RA	21	2185,5	98,50
	6D44-ST	30	22	3"		271				229	219	209	200	190	179	168	154	137	117												Stainless Steel	MF	17	2706	114,00
	6D46-ST	30	22	3"		246				225	216	205	194	176	157	137	117	91												Stainless Steel	RA	20	2139	97,80	
	6D50-PT	30	22	3"		231		224	222	219	215	210	202	195	185	175	161	147	129	111	70										Noryl	MF	15	2215	93,30
	6D51-ST	30	22	3"		256				216	207	198	189	180	170	159	147	131	112											Stainless Steel	MF	16	2620,5	112,00	
	6D52-ST	30	22	3"		241				204	195	187	178	170	160	150	138	124	106											Stainless Steel	MF	15	2535,5	109,90	
	6D56-GT	30	22	3"		283							201	191	182	172	162	153	145	126	107	86	61								Cast Iron	MF	15	2776	171,00
	6D61-ST	30	22	3"		230							200	193	185	177	169	160	151	135	120	101									Stainless Steel	MF	17	3190	122,60
	6D65-ST	30	22	3"		195				191	187	181	174	168	162	155	148	143	138	132	119	100	78								Stainless Steel	MF	14	2742	106,60
	6D66-ST	30	22	3"		217							189	183	175	168	160	152	144	129	114	96								Stainless Steel	MF	16	3076	120,00	
	6D70-PT	30	22	3"		186	183	179	176	172	169	164	159	154	148	142	135	128	121	106	88	70	49								Noryl	MF	14	2155	92,60
	6D76-ST	30	22	3"		205							179	173	166	158	151	143	136	122	108	91								Stainless Steel	MF	15	2962,5	117,30	
	6D80-ST	30	22	3"		182				178	174	169	163	157	149	143	137	132	127	122	110	93	73								Stainless Steel	MF	13	2629	104,30
	6D81-GT	30	22	3"		216							165	159	154	147	141	129	116	102	87	71	53								Cast Iron	MF	12	2452	153,00
	6D82-ST	30	22	3"		177							145	140	133	127	118	111	104	94	81	66								Stainless Steel	MF	13	2734,5	112,20	
	6D86-GT	30	22	3"		171							138	136	133	127	119	110	100	89	77	60	42	25							Cast Iron	MF	10	2236	141,00
	6D87-ST	30	22	3"		165							135	130	124	118	110	103	97	88	76	62								Stainless Steel	MF	12	2620,5	109,60	
	6D90-PT	30	22	3"		161							130	124	118	112	105	89	71	50	26									Noryl	MF	12	1898	87,80	
	<i>Hm = Total head in meters w.c.</i>																																		
	6E0A-ST	35	26	2"1/2		693	660	627	580	513	387	231																			Stainless Steel	RA	61	3120	146,00
	6E0B-ST	35	26	2"1/2		682	649	616	571	504	381	227																			Stainless Steel	RA	60	3090	145,00
	6E0C-ST	35	26	2"1/2		670	638	606	561	496	374	223																			Stainless Steel	RA	59	3060	144,00
	6E0D-ST	35	26	2"1/2		659	627	596	552	488	368	219																		Stainless Steel	RA	58	3030	143,00	
	6E0E-ST	35	26	2"1/2		647	617	586	542	479	362	216																		Stainless Steel	RA	57	3000,5	142,00	
	6E0F-ST	35	26	2"1/2		636	606	575	533	471	356	212																		Stainless Steel	RA	56	2970,5	141,30	
	6E0G-ST	35	26	2"1/2		625	595	565	523	462	349	208																		Stainless Steel	RA	55	2940,5	140,50	
	6E0H-ST	35	26	2"1/2		614	584	555	514	454	343	205																		Stainless Steel	RA	54	2910,5	139,80	
	6E0O-PT	35	26	3"		630				582	518	430	301																		Noryl	RA	40	3013	137,10
	6E01-ST	35	26	2"1/2		602	573	545	504	446	337	201																		Stainless Steel	RA	53	2880,5	139,00	
	6E01A-ST	35	26	2"1/2		497	487	478	463	440	409	367	307	235	147															Stainless Steel	RA	42	2874,5	133,00	
	6E02-ST	35	26	2"1/2		485	476	466	452	430	400	358	300	229	144															Stainless Steel	RA	41	2837	132,00	
	6E02A-ST	35	26	2"1/2		473	464	455	441	419	390	349	293	224	140															Stainless Steel	RA	40	2799,5	131,00	
	6E03-ST	35	26	2"1/2		462	453	444	430	409	380	341	286	218	137															Stainless Steel	RA	39	2762	130,00	
	6E03A-ST	35	26	2"1/2		450	441	432	419	399	370	332	278	213	133															Stainless Steel	RA	38	2724,5	129,00	
	6E04-ST	35	26	2"1/2		438	430	421	408	388	361	323	271	207	130															Stainless Steel	RA	37	2687	128,00	
	6E05-PT	35	26	2"1/2		409	386	373	361	341	321	296	272	241	211	172	133	98												Noryl	MF	28	3100	124,30	
	6E10-PT	35	26	3"		422				383	364	341	313	285	248	211	160	109													Noryl	MF	28	3089	136,90
	6E15-ST	35	26	3"		354	345	340	333	323	311	296	280	261	238	214	186	158	127											Stainless Steel	MF	31	4276	147,50	

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg														
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96														
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600																	
	6E35-ST	35	26	3"		308		302	297	291	282	271	258	242	224	205	184	161	134	109																							
	6E36-ST	35	26	3"		320				291	280	266	252	229	203	177	152	118																									
	6E37-ST	35	26	3"		338					285	273	261	250	237	224	210	194	173	148																							
	6E41-ST	35	26	3"		308					280	270	256	242	220	196	171	146	113																								
	6E42-ST	35	26	3"		322					272	261	249	238	227	215	201	186	166	142																							
	6E45-PT	35	25	3"		275		270	266	262	256	249	241	233	221	209	193	177	155	132	83																						
	6E46-ST	35	26	3"		295						269	259	246	233	211	188	164	140	109																							
	6E47-ST	35	26	3"		307						259	248	238	227	216	205	192	177	159	136																						
	6E48-GT	35	26	3"		339							240	229	217	206	194	183	173	151	128	103	73																				
	6E50-ST	35	26	3"or 4"		237							231	226	219	212	204	197	190	183	176	169	162	146	124	99																	
	6E51-ST	35	26	3"		261								229	221	212	203	193	184	174	156	139	118																				
	6E55-ST	35	26	3"		224							218	213	206	199	191	184	177	168	164	158	150	136	115	90																	
	6E61-ST	35	26	3"		248								218	210	202	193	184	175	166	149	133	112																				
	6E65-PT	35	26	3"		212		208	204	200	197	193	187	181	175	170	162	154	146	138	120	101	80	57																			
	6E70-ST	35	26	3"or 4"		212							207	201	197	191	184	177	170	163	156	141	130	119	106	89	70																
	6E75-ST	35	26	3"or 4"		196							192	188	184	179	172	166	160	152	145	133	123	112	99	83	66																
	6E76-GT	35	26	3"		251								192	185	179	172	165	150	135	119	101	82	61																			
	6E80-ST	35	26	3"or 4"		180								177	173	169	164	159	152	146	141	135	124	113	103	90	76	60															
	6E81-ST	35	26	3"		207									171	164	156	149	138	130	122	112	96	80																			
	6E86-GT	35	26	3"		205										167	163	160	151	143	132	120	107	91	72	50	29																
	6E90-PT	35	26	3"		201										162	155	147	139	131	111	89	63	32																			
	6E96-ST	35	26	3"		194											160	154	147	140	130	122	115	105	91	75																	
Hm = Total head in meters w.c.																																											
	6F01-ST	40	30	2"1/2		579	568	557	540	513	477	428	358	273	171																												
	6F01A-ST	40	30	2"1/2		568	557	546	529	503	467	419	351	268	168																												
	6F02-ST	40	30	2"1/2		556	545	534	518	493	458	410	344	262	164																												
	6F02A-ST	40	30	2"1/2		544	534	523	507	482	448	402	337	257	161																												
	6F03-ST	40	30	2"1/2		532	522	512	496	472	438	393	329	251	157																												
	6F03A-ST	40	30	2"1/2		520	510	500	485	461	429	384	322	246	154																												
	6F04-ST	40	30	2"1/2		509	499	489	474	451	419	375	315	240	151																												
	6F05-PT	40	30	2"1/2		471		446	428	409	389	370	343	317	284	251	206	160	121																								
	6F15-PT	40	30	3"		482						437	414	390	358	325	283	240	183	125																							
	6F21-GT	40	30	3"		420						368	352	336	319	300	280	260	238	215	191	166	113	55																			
	6F26-ST	40	30	3"		381							347	334	317	300	272	242	211	180	140																						
	6F27-ST	40	30	3"		369							336	323	307	290	264	234	204	175	136																						
	6F28-ST	40	30	3"		356							325	312	297	281	255	227	198	169	131																						
	6F29-ST	40	30	3"		383							323	309	295	282	268	253	237	218	194	165																					
	6F31-ST	40	30	3"		344							314	302	286	271	246	219	191	163	127																						
	6F32-ST	40	30	3"		368							310	297	284	271	258	244	228	210	187	160																					
	6F35-PT	40	30	3"		306		299	294	290	283	277	268	259	245	232	213	194	170	145	90																						
	6F36-ST	40	30	3"		353							298	285	272	260	247</td																										

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch

COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg								
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96								
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600											
	6F56-ST	40	30	3"		287					250	242	232	222	211	201	190	170	152	128											Stainless Steel	MF	21	3785	153,00		
	6F70-PT	40	30	3"		251	245	241	237	233	228	221	215	208	201	192	182	173	164	142	118	93	64										Noryl	MF	19	2585	117,20
	6F75-ST	40	30	3"		251		245	241	233	225	217	209	202	194	186	179	172	155	132	105											Stainless Steel	MF	18	3334	135,70	
	6F76-ST	40	30	3"		274					240	232	222	212	202	192	182	174	166	151	138	123										Stainless Steel	MF	20	3671,5	150,40	
	6F80-ST	40	30	3"or 4"		225				220	215	210	204	197	189	182	174	166	151	138	126	111	95	75									Stainless Steel	MF	16	3108	131,10
	6F86-GT	40	30	3"		287					219	212	204	196	188	172	155	136	115	93	69										Cast Iron	MF	16	3024	197,00		
	6F90-PT	40	30	3"		240					194	185	177	167	157	133	106	75	38											Noryl	MF	18	2450	116,20			
	6F96-GT	40	30	3"		238									194	190	186	177	167	154	139	124	106	83	59	34						Cast Iron	MF	14	2808	185,00	
	6F101-ST	40	30	3"		233									191	184	175	167	155	146	137	125	107	88								Stainless Steel	MF	17	3330	142,70	
	6F102-ST	40	30	3"		220									181	174	166	158	147	138	130	118	101	84								Stainless Steel	MF	16	3216	140,00	
	6GOA-ST	50	37	2"1/2		709	695	682	661	628	584	523	438	334	209																	Stainless Steel	RA	60	3689	162,00	
	6G0B-ST	50	37	2"1/2		697	684	670	650	618	574	514	431	329	206																Stainless Steel	RA	59	3651,5	161,00		
	6G0C-ST	50	37	2"1/2		685	672	659	639	607	564	506	424	323	202																Stainless Steel	RA	58	3614	160,00		
	6G0D-ST	50	37	2"1/2		674	661	648	628	597	555	497	417	318	199																Stainless Steel	RA	57	3576,5	159,00		
	6G0E-ST	50	37	2"1/2		662	649	636	617	586	545	488	409	312	195																Stainless Steel	RA	56	3539	158,00		
	6G0F-ST	50	37	2"1/2		650	638	625	606	576	535	480	402	307	192															Stainless Steel	RA	55	3501,5	157,00			
	6G0G-ST	50	37	2"1/2		638	626	614	595	566	526	471	395	301	189															Stainless Steel	RA	54	3464	156,00			
	6G0H-ST	50	37	2"1/2		626	614	602	584	555	516	462	387	296	185															Stainless Steel	RA	53	3426,5	155,00			
	6G0J-ST	50	37	2"1/2		615	603	591	573	545	506	454	380	290	182															Stainless Steel	RA	52	3389	154,00			
	6G0K-ST	50	37	2"1/2		603	591	580	562	534	496	445	373	285	178															Stainless Steel	RA	51	3351,5	153,00			
	6G0L-ST	50	37	2"1/2		591	580	568	551	524	487	436	366	279	175															Stainless Steel	RA	50	3314	152,00			
	6G00-PT	50	37	3"		587				533	504	475	435	396	344	293	222	151													Noryl	MF	39	3960	162,00		
	6G01-GT	50	37	3"		525		457	438	417	396	372	348	322	295	266	236	205	138	66										Cast Iron	MF	30	4676	292,00			
	6G02-ST	50	37	3"		466				425	409	388	367	334	296	258	221	171												Stainless Steel	RA	38	3255,5	147,00			
	6G03-ST	50	37	3"		454				414	398	378	358	325	289	251	215	167												Stainless Steel	RA	37	3209	146,00			
	6G04-GT	50	37	3"		473			413	396	378	358	337	315	292	267	241	214	185	125	60									Cast Iron	MF	27	4352	274,00			
	6G06-ST	50	37	3"		442				403	387	368	348	316	281	245	209	162												Stainless Steel	RA	36	3162,5	145,00			
	6G07-ST	50	37	3"		476				401	384	366	350	332	314	293	269	239	203											Stainless Steel	MF	30	4096	172,30			
	6G08-ST	50	37	3"		430				391	376	358	338	307	273	238	203	158											Stainless Steel	RA	35	3116	144,00				
	6G09-ST	50	37	3"		461				388	372	355	339	322	304	284	261	232	198										Stainless Steel	MF	29	4010,5	170,20				
	6G11-ST	50	37	3"		418				380	366	347	329	299	265	231	198	154											Stainless Steel	RA	34	3069,5	143,00				
	6G12-ST	50	37	3"		446				376	360	344	329	312	295	275	253	226	192										Stainless Steel	MF	28	3925	168,20				
	6G13-ST	50	37	3"		405				369	355	337	319	290	258	225	192	149											Stainless Steel	RA	33	3023	142,00				
	6G14-ST	50	37	3"		431				363	348	333	318	302	285	267	246	219	187										Stainless Steel	MF	27	3840	166,00				
	6G16-ST	50	37	3"		393				358	344	327	310	281	250	218	186	145											Stainless Steel	RA	32	2976,5	141,00				
	6G20-PT	50	37	3"		364	356	353	350	340	329	319	308	293	278	254	230	198	167	107									Noryl	MF	24	3085	132,50				
	6G21-ST	50	37	3"		416				351	336	321	307	292	276	258	238	212	181										Stainless Steel	MF	26	3754,5	163,90				
	6G25-PT	50	37	3"		381				348	335	322	305	288	265	242	210	178	89										Noryl	MF	24	2950	138,40				
	6G31-ST	50	37	3"		401				338	324	310	296	281	266	249	230	205	175										Stainless Steel	MF	25	3669	161,80				
	6G32-ST	50	37	3"		378					328	317	304	290	277	263	248	222	198	165									Stainless Steel	MF	28	4722	183,00				
	6G36-GT	50	37	3"		451					320	304	289	273	258	243																					

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch

COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg								
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96								
		l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600											
	6G56-ST	50	37	3"		340							297	287	275	263	251	238	225	202	180	151									Stainless Steel	MF	25	4380,5	175,40		
	6G60-ST	50	37	4"		292							287	283	276	269	260	249	239	228	218	200	183	167	148	127	100				Stainless Steel	MF	21	3700	151,30		
	6G61-ST	50	37	3"		328							286	277	265	253	242	230	217	195	173	146									Stainless Steel	MF	24	4266,5	174,80		
	6G66-GT	50	37	3"		359							274	264	255	245	235	214	193	170	143	116	86								Cast Iron	MF	20	3596	232,00		
	6G70-ST	50	37	3"or 4"		278							272	268	261	252	243	234	224	215	205	188	172	157	139	118	93				Stainless Steel	MF	20	3700	151,20		
	6G76-GT	50	37	3"		306												248	243	238	227	213	197	179	159	136	106	75	43				Cast Iron	MF	18	3380	220,00
	6G77-GT	50	37	3"		323												246	238	229	221	212	193	174	152	129	105	78				Cast Iron	MF	18	3380	220,00	
	6G80-PT	50	37	3"		288												236	226	215	203	191	162	128	91	46							Noryl	MF	22	2830	135,80
	6G85-ST	50	37	3"or 4"		240							234	230	224	218	211	203	196	187	179	162	148	135	119	100	81				Stainless Steel	MF	17	3361	144,40		
	6G86-ST	50	37	3"		286											234	225	214	205	190	178	167	152	130	106						Stainless Steel	MF	21	3925	165,10	
	6G87-ST	50	37	3"		273												224	216	205	196	182	171	160	146	125	103						Stainless Steel	MF	20	3811,5	164,40
	6G91-GT	50	37	3"		273												221	217	212	202	190	176	160	141	121	95	67	38				Cast Iron	MF	16	3164	208,00
	6G95-ST	50	37	3"		261												214	206	196	187	174	163	153	140	120	99						Stainless Steel	MF	19	3697,5	159,00
	6G96-ST	50	37	3"		248												204	196	187	178	165	155	146	133	114	95						Stainless Steel	MF	18	3584	156,30
	6H00-P8T	60	45	3"		662							601	568	535	491	446	388	330	250	171										Noryl	MF	44	4235	225,70		
	6H01-S8T	60	45	3"		564							514	494	469	444	403	358	312	267	207										Stainless Steel	RA	46	3617	213,00		
	6H01A-S8T	60	45	3"		552							503	483	459	434	395	351	305	261	203										Stainless Steel	RA	45	3570,5	212,00		
	6H01B-S8T	60	45	3"		586							494	473	452	431	409	386	360	331	294	250									Stainless Steel	MF	37	4683,5	246,15		
	6H01C-S8T	60	45	3"		540							492	473	449	425	386	343	299	255	198										Stainless Steel	RA	44	3524	211,00		
	6H02-S8T	60	45	3"		572							482	461	440	420	399	377	352	323	287	244									Stainless Steel	MF	36	4598	244,00		
	6H02A-S8T	60	45	3"		528							480	462	439	415	377	335	292	250	194										Stainless Steel	RA	43	3477,5	210,00		
	6H02B-S8T	60	45	3"		557							469	449	429	410	389	368	343	315	281	239									Stainless Steel	MF	35	4512,5	240,80		
	6H02C-S8T	60	45	3"		515							469	451	429	406	368	327	285	244	189									Stainless Steel	RA	42	3431	209,00			
	6H03-S8T	60	45	3"		503							458	441	419	396	360	320	278	238	185										Stainless Steel	RA	41	3384,5	208,00		
	6H03A-S8T	60	45	3"		542							457	437	418	399	379	358	335	308	274	234									Stainless Steel	MF	34	4427,5	238,70		
	6H03B-S8T	60	45	3"		491							447	430	408	386	351	312	272	232	180										Stainless Steel	RA	40	3338	207,00		
	6H03C-S8T	60	45	3"		527							444	425	407	388	369	349	326	300	267	228									Stainless Steel	MF	33	4342	236,60		
	6H04-S8T	60	45	3"		479							436	419	398	377	342	304	265	227	176										Stainless Steel	RA	39	3291,5	206,00		
	6H04A-S8T	60	45	3"		512							432	413	395	378	359	339	317	292	260	223									Stainless Steel	MF	32	4256,5	234,50		
	6H04B-S8T	60	45	3"		497							419	401	384	367	348	329	308	284	253	217									Stainless Steel	MF	31	4171	231,40		
	6H05-P8T	60	45	3"		444							406	391	376	356	335	309	282	244	207	104									Noryl	MF	28	3303	207,30		
	6H06-G8T	60	45	3"		565							399	380	361	341	322	304	287	251	212	171	120								Cast Iron	MF	30	4666	350,00		
	6H07-S8T	60	45	3"		446							388	375	359	343	327	311	294	263	234	196									Stainless Steel	MF	33	5281	244,00		
	6H08-S8T	60	45	3"		434							378	365	350	334	319	303	286	256	228	191									Stainless Steel	MF	32	5167	251,20		
	6H09-S8T	60	45	3"		421							367	355	340	325	310	294	279	249	222	186									Stainless Steel	MF	31	5053,5	248,70		
	6H11-G8T	60	45	3"		508							360	342	325	308	290	274	259	226	192	154	108								Cast Iron	MF	27	4342	332,00		
	6H12-S8T	60	45	3"		409							357	345	330	316	301	286	271	242	216	182									Stainless Steel	MF	30	4939,5	246,00		
	6H13-S8T	60	45	3"		396							346	334	320	306	292	278	263	235	210	177									Stainless Steel	MF	29	4825,5	243,50		
	6H14-G8T	60	45	3"		429							327	316	305	293	282	257	230	203	172	138	102								Cast Iron	MF	24	4018	314,00		
	6H15-S8T	60	45	4"		309							303	298	292	283	274	264	253	242	232	21															

6" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 6-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg								
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	48	54	60	66	72	78	84	90	96								
					l/m	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600								
	6H31-S8T	60	45	3"		328											269	259	246	235	218	205	193	175	150	123						Stainless Steel	MF	24	4256,5	230,00	
	6H32-S8T	60	45	3"		316											259	249	237	227	210	197	186	169	145	119						Stainless Steel	MF	23	4143	227,50	
	6H33-S8T	60	45	3"		303											249	240	228	218	202	189	178	163	140	115						Stainless Steel	MF	22	4029	224,70	
	6J00-S8T	75	55	3"		699											590	566	542	518	493	467	438	405	364	314						Stainless Steel	MF	43	5417,5	282,80	
	6J05-S8T	75	55	3"		684											577	553	530	507	482	457	429	397	356	307						Stainless Steel	MF	42	5332,5	281,70	
	6J10-S8T	75	55	3"		668											564	541	518	496	472	447	419	388	348	301						Stainless Steel	MF	41	5247	280,60	
	6J15-S8T	75	55	3"		652											551	528	506	484	461	436	410	379	341	294						Stainless Steel	MF	40	5161,5	279,60	
	6J20-S8T	75	55	3"		637											538	515	494	473	450	426	400	371	333	288						Stainless Steel	MF	39	5076	277,40	
	6J25-S8T	75	55	3"		621											525	503	482	461	439	416	391	362	325	281						Stainless Steel	MF	38	4991	275,30	
	6J30-S8T	75	55	3"		556											488	472	453	432	413	393	373	333	298	254						Stainless Steel	MF	40	6300,5	299,50	
	6J35-S8T	75	55	3"		542											477	461	442	422	403	384	364	326	291	248						Stainless Steel	MF	39	6186,5	297,00	
	6J40-S8T	75	55	3"		529											465	450	432	412	394	375	356	318	285	243						Stainless Steel	MF	38	6072,5	294,30	
	6J45-S8T	75	55	3"		516											454	439	421	402	384	366	347	310	278	237						Stainless Steel	MF	37	5958,5	291,60	
	6J50-S8T	75	55	3"		503											442	428	410	392	374	357	338	303	271	231						Stainless Steel	MF	36	5844,5	289,00	
	6J55-S8T	75	55	3"		489											431	417	400	382	365	348	330	295	264	226						Stainless Steel	MF	35	5731	286,40	
	6J60-S8T	75	55	3"		476											419	406	389	372	355	338	321	287	257	220						Stainless Steel	MF	34	5617	283,50	
	6J65-S8T	75	55	3"		432												357	345	328	313	290	273	257	236	203	170						Stainless Steel	MF	31	5275,5	276,00
	6J70-S8T	75	55	3"		419												346	334	318	304	281	265	249	229	198	165						Stainless Steel	MF	30	5161,5	273,40
	6J75-S8T	75	55	3"		405												336	324	308	295	273	256	241	222	192	160						Stainless Steel	MF	29	5047,5	270,80
	6J80-S8T	75	55	3"		392												325	313	298	285	264	248	234	215	186	155						Stainless Steel	MF	28	4934	268,10
	6J85-S8T	75	55	3"		379												314	303	288	276	255	240	226	208	180	151						Stainless Steel	MF	27	4820	265,50

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

Pump Executions Legenda:

P = noryl and polycarbonate corrosion and abrasion resistant and non toxic with Pump and Motor Casing in Stainless Steel. Pump Head and Motor Bracket in in Brass.

S = All Stainless Steel

G = Cast Iron with Motor Casing in Stainless Steel.

- Built-in check non-return valve to protect the pump against water hammer.

8"

Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 8-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

PUMP CONSTRUCTION

Executions:

S = All Stainless Steel.

G = Cast Iron with Motor Casing in Stainless Steel.

SUBMERSIBLE ELECTRIC MOTORS

6-inch

- Rewindable.

- Oil cooled (prefilled with food grade additives to protect against freeze and rust).

8-inch from 50 HP to 125 HP

- Rewindable.

- Wet type water-cooled.

8-inch from 150 HP to 175 HP

- Encapsulated (Canned).

- Wet type water-cooled.

INNOVATIONS AND SPECIALTIES

On demand all wetted parts available with grade 304 or 316 stainless steel or bronze.

Executions for superior sand handling able to handle a tolerable quantity of sand.



INTELLIGENT CONTROL SYSTEMS

All pumps can be supplied with Protection and Control Boxes: Panel-Starters, Intelligent control systems, Electric-Electronic Controls Panels also with Variable Speed Inverters.

MOTOR SIZE

All pumps up to 40 HP included are fitted with 6-inch size electric motors and see below technical sheet; from 50 HP onwards all pumps are fitted with 8-inch size electric motors and see below technical sheet.

TYPES	HP	kW	DNm Ø	Q= Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg								
				m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	120	126	132	150	168	180	192						
				l/m	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	2000	2100	2200	2500	2800	3000	3200						
8001-G6T	5,5	4	3		54	53	50	46	40	29	11																									
8005-G6T	5,5	4	3		54	50	47	44	39	32	23	12																								
8010-G6T	5,5	4	5		30					24	23	22	21	20	18	17	16	15	13	12	10	8														
8101-G6T	7,5	5,5	3		80	77	74	70	60	42	21																									
8106-G6T	7,5	5,5	3		56		50	47	43	35	23																									
8110-S6T	7,5	5,5	5		36		35	34	32	30	29	28	27	25	24	22	20	18	16	13	11	8														
8125-S6T	7,5	5,5	5		24			23	22	21	20	20	19	18	17	16	15	14	13	12	10															
8126-G6T	7,5	5,5	5		29							22	21	20	20	19	18	17	16	15	14	13	10	9												
8127-G6T	7,5	5,5	5		28																															
8201-G6T	10	7,5	3		105	102	98	92	78	57	31																									
8202-G6T	10	7,5	3		80	76	71	65	58	47	33	19																								
8206-G6T	10	7,5	3		54				48	46	44	41	38	34	30	26	21	14																		
8207-G6T	10	7,5	5		58					46	44	42	40	38	35	33	30	27	24	21	17	14														
8210-S6T	10	7,5	5		45		41	40	39	37	35	34	32	30	29	28	27	25	23	20	18	15														
8215-S6T	10	7,5	5		43		42	41	40	39	38	36	34	33	32	31	29	27	24	22	20															
8301-G6T	12,5	9,3	3		131	127	122	114	97	70	40																									
8302-G6T	12,5	9,3	3		105	100	94	86	77	63	43	26																								
8306-G6T	12,5	9,3	3		82				75	71	64	53	34																							
8310-S6T	12,5	9,3	5		57		56	54	51	49	47	45	43	40	38	36	33	30	27	24	20	15														
8320-S6T	12,5	9,3	5		45		44	44	43	42	41	40	39	37	34	33	32	31	30	28	25	23	22	17												
8326-G6T	12,5	9,3	5		57							42	41	39	37	35	33	31	29	27	25	23	22	18	15											
8327-G6T	12,5	9,3	5		30														23	23	22	21	20	19	18	18	16	14	12	9						
Hm Total head in meters w.c.																																				

8" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 8-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES	HP	kW	DNm Ø	Q= Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg								
				m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	120	126	132	150	168	180	192						
					l/m	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	2000	2100	2200	2500	2800	3000	3200					
8401-G6T	15	11	3		157	151	146	136	116	83	50																					Cast Iron	RA	6	1535	111
8402-G6T	15	11	3		131	124	116	107	95	78	54	32																				Cast Iron	RA	5	1475	104
8406-G6T	15	11	3		108		99	93	84	69	45																				Cast Iron	RA	4	1415	97	
8411-G6T	15	11	3		80			72	69	66	62	57	51	45	39	31	23														Cast Iron	RA	3	1355	90	
8412-G6T	15	11	5		86				69	66	63	60	56	51	48	44	40	35	30	25	20									Cast Iron	MF	3	1426	100		
8415-S6T	15	11	5		63		62	61	60	58	56	54	53	49	47	44	42	40	37	34	30								Stainless Steel	MF	3	1470	84,5			
8426-G6T	15	11	5		56														39	38	36	35	33	31	30	26	24	22	16		Cast Iron	MF	2	1292	89	
8501-G6T	17,5	13	3		183	177	170	160	135	97	61																			Cast Iron	RA	7	1595	120		
8502-G6T	17,5	13	3		157	148	139	128	113	93	65	40																	Cast Iron	RA	6	1535	113			
8506-G6T	17,5	13	3		135		123	116	104	86	56																		Cast Iron	RA	5	1475	106			
8510-S6T	17,5	13	5		78		75	73	71	68	65	62	59	56	53	49	46	42	38	33	28	22						Stainless Steel	MF	4	1703	86				
8520-S6T	17,5	13	5		67		65	63	62	60	57	54	51	49	47	45	44	42	40	37	35	32	25				Stainless Steel	MF	3	1574	82					
8601-G6T	20	15	3		208	202	194	182	155	110	70																		Cast Iron	RA	8	1715	131			
8602-G6T	20	15	3		183	173	162	149	132	108	75	47																Cast Iron	RA	7	1655	124				
8606-G6T	20	15	3		105			95	91	86	81	75	67	60	51	41	29										Cast Iron	RA	4	1475	103					
8607-G6T	20	15	5		113				92	87		78	73	69	63	58	52	46	40	33	25						Cast Iron	MF	4	1620	117					
8610-S6T	20	15	5		84		82	81	80	78	74	72	70	66	63	60	56	53	47	42	38						Stainless Steel	MF	4	1656	95,5					
8615-S6T	20	15	5		65		64	63	63	62	60	56	54	53	50	46	44	42	41	38	33	32	24				Stainless Steel	MF	3	1530	90,5					
8616-G6T	20	15	5		84												63	60	58	55	53	49	46	43	40	36	33	26	22		Cast Iron	MF	3	1486	106	
8701-G6T	25	18,5	3		260	251	242	226	193	137	90																		Cast Iron	RA	10	1905	156			
8706-G6T	25	18,5	3		234	226	218	204	174	124	80																	Cast Iron	RA	9	1845	149				
8707-G6T	25	18,5	3		234	222	208	191	169	138	95	63															Cast Iron	RA	9	1845	149					
8708-G6T	25	18,5	3		208	198	185	171	150	123	85	56															Cast Iron	RA	8	1785	142					
8711-G6T	25	18,5	3		188			173	162	145	119	78															Cast Iron	RA	7	1725	135					
8716-G6T	25	18,5	3		162			148	139	125	103	67															Cast Iron	RA	6	1665	128					
8721-G6T	25	18,5	3		131				117	113	107	101	93	83	74	62	50	36									Cast Iron	RA	5	1605	121					
8722-G6T	25	18,5	5		141					113	108	103	97	91	85	78	71	64	56	48	40	31					Cast Iron	MF	5	1824	139					
8725-S6T	25	18,5	5		103		101	99	97	95	93	88	85	81	78	73	69	64	59	54	47					Stainless Steel	MF	5	1852	111,5						
8735-S6T	25	18,5	5		87		86	85	84	83	82	78	75	73	69	65	63	61	58	53	50	44	42	31		Stainless Steel	MF	4	1726	106,5						
8741-G6T	25	18,5	5		111					84	80	77	73	69	65	61	57	53	48	43	33	28				Cast Iron	MF	4	1690	128						
8742-G6T	25	18,5	5		82											59	56	54	51	49	46	43	38	35	32	22		Cast Iron	MF	3	1556	117				
8746-G6T	25	18,5	5		59												44	43	41	40	38	36	35	34	30	25	21	17	Cast Iron	MF	2	1422	106			
8801-G6T	30	22	3		286	277	266	249	211	151	99																	Cast Iron	RA	11	2025	168				
8802-G6T	30	22	3		286	271	253	233	206	169	116	77															Cast Iron	RA	11	2025	168					
8806-G6T	30	22	3		260	246	230	212	188	154	106	70														Cast Iron	RA	10	1965	161						
8811-G6T	30	22	3		215			197	185	166	136	88														Cast Iron	RA	8	1845	147						
8816-G6T	30	22	3		157				140	135	128	120	111	99	88	74	60	42								Cast Iron	RA	6	1725	133						
8817-G6T	30	22	5		169					136	130	124	117	110	102	95	86	78	69	59	49	39				Cast Iron	MF	6	2046	159						
8820-S6T	30	22	5		124		121	119	116	113	110	105	101	96	92	87	82	76	70	63	57					Stainless Steel	MF	6	2038	121						
8830-S6T	30	22	5		109		107	106	105	103	101	96	93	88	83	81	75	73	71	65	62	55	51	38		Stainless Steel	MF	5	1912	116						
8836-G6T	30	22	5		138										104	99	95	90	86	81	76	71	66	60	54	41	35		Cast Iron	MF	5	1884	144			
8841-G6T	30	22	5		108												77	74	71	68	65	62	58	50	46	42	29		Cast Iron	MF	4	1750	133			
8801-G6T	35	26	3		337	326	314	294	249	179	114																Cast Iron	RA	15	2405	216					
8806-G6T	35	26	3		311	302	290	272	230	165	107															Cast Iron	RA	13	2285	202						

8" Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 8-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

TYPES	HP	kW	DNm Ø	Q= Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg									
				m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	120	126	132	150	168	180	192							
				l/m	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	2000	2100	2200	2500	2800	3000	3200							
8907-G6T	35	26	3		311	295	277	255	225	184	126	84																				Cast Iron	RA	12	2225	195	
8911-G6T	35	26	3		268		245	230	207	170	110																						Cast Iron	RA	10	2105	181
8916-G6T	35	26	3		241		221	207	186	152	99																						Cast Iron	RA	9	2045	174
8921-G6T	35	26	3		183			164	158	149	140	129	116	103	87	70	50																Cast Iron	RA	7	1925	160
8922-G6T	35	26	5		197				158	151	144	136	128	119	110	100	90	79	68	57	45											Cast Iron	MF	7	2320	190	
8925-S6T	35	26	5		154		150	146	142	137	132	126	120	115	110	104	97	90	81	72	61	49										Stainless Steel	MF	8	2545	140	
8935-S6T	35	26	5		129			126	124	121	117	113	107	102	97	93	89	85	82	78	75	69	63	48									Stainless Steel	MF	6	2289	133
8946-GT	35	26	5		134												96	92	88	84	81	76	72	63	58	53	36					Cast Iron	MF	5	2024	164	
8951-G6T	35	26	5		87														66	64	62	60	58	54	51	50	44	37	31	24		Cast Iron	MF	3	1756	142	
8A01-G6T	40	30	3		363	351	338	316	269	192	123																					Cast Iron	RA	17	2525	230	
8A06-G6T	40	30	3		363	344	322	296	262	214	147	99																			Cast Iron	RA	14	2345	209		
8A07-G6T	40	30	3		337	319	299	276	243	199	136	91																			Cast Iron	RA	13	2285	202		
8A11-G6T	40	30	3		295		270	252	227	186	120																				Cast Iron	RA	11	2165	188		
8A16-G6T	40	30	3		208			187	180	171	160	147	132	117	99	79	58													Cast Iron	RA	8	1985	167			
8A20-S6T	40	30	5		187		183	180	176	172	166	159	152	144	138	131	123	115	105	95	83									Stainless Steel	MF	9	2556	156			
8A24-GT	40	30	5		225				180	172	164	155	145	136	125	114	102	90	78	65	51									Cast Iron	MF	8	2499	253			
8A25-S6T	40	30	5		166		162	160	156	152	146	141	135	129	123	117	110	103	93	85	76								Stainless Steel	MF	8	2430	151				
8A35-S6T	40	30	5		153		150	149	148	145	142	134	130	123	118	113	107	103	99	93	86	78	73	56					Stainless Steel	MF	7	2304	146				
8A40-S6T	40	30	5		145		141	139	136	133	129	123	118	113	108	103	96	90	83	75	67								Stainless Steel	MF	7	2304	146				
8A50-S6T	40	30	5		131		128	127	126	125	122	115	112	106	102	98	93	89	84	81	74	68	63	48					Stainless Steel	MF	6	2178	141				
8A51-G6T	40	30	5		166					124	119	114	108	102	96	90	84	78	72	65	49	41								Cast Iron	MF	6	2186	179			
8B01-GT	50	37	3		530	497	460	412	336	235	146																				Cast Iron	RA	21	2837	315		
8B06-GT	50	37	3		480	449	416	373	305	213	133																				Cast Iron	RA	19	2717	301		
8B11-GT	50	37	3		466	441	413	381	336	275	189	128																			Cast Iron	RA	18	2657	295		
8B16-GT	50	37	3		440	417	391	360	317	260	178	121																		Cast Iron	RA	17	2597	288			
8B17-GT	50	37	3		414	393	368	338	299	244	168	113																		Cast Iron	RA	16	2547	281			
8B18-GT	50	37	3		389	369	344	317	281	229	158	107																		Cast Iron	RA	15	2477	274			
8B21-GT	50	37	3		375			342	321	289	236	152																		Cast Iron	RA	14	2417	267			
8B26-GT	50	37	3		347			318	299	268	220	142																		Cast Iron	RA	13	2357	260			
8B31-GT	50	37	3		321			294	276	247	203	131																		Cast Iron	RA	12	2297	253			
8B32-GT	50	37	3		286				257	246	233	219	202	181	160	135	108	77											Cast Iron	RA	11	2237	246				
8B33-GT	50	37	5		308					247	236	225	212	199	185	171	156	140	123	105	87	68								Cast Iron	MF	11	2928	292			
8B36-GT	50	37	3		261				233	224	212	200	184	165	145	123	98	70										Cast Iron	RA	10	2177	239					
8B37-GT	50	37	5		281					224	215	204	193	181	168	155	141	127	111	95	79	61								Cast Iron	MF	10	2794	281			
8B40-ST	50	37	5		222		218	216	212	206	199	191	184	174	164	157	146	136	125	113	100								Stainless Steel	MF	11	2880	224				
8B46-GT	50	37	3		234				210	202	192	180	166	148	131	111	89	64										Cast Iron	RA	9	2117	232					
8B47-GT	50	37	5		252					202	193	184	174	163	152	140	127	114	101	86	71	55								Cast Iron	MF	9	2660	270			
8B50-ST	50	37	5		205		200	196	193	187	181	174	167	159	151	143	133	124	113	103	91								Stainless Steel	MF	10	2754	219				
8B55-ST	50	37	5		194		191	190	188	184	179	171	164	156	148	143	133	129	123	115	108	98	89	68					Stainless Steel	MF	9	2628	214				
8B65-ST	50	37	5		173		170	169	167	164	159	152	144	139	133	127	120	115	111	103	96	87	80	62					Stainless Steel	MF	8	2502	209				
8B66-GT	50	37	5		220					165	158	150	143	136	128	120	112	103	94	85	66	56								Cast Iron	MF	8	2526	259			
8B71-G6T	50	37	5		193					144	138	13																									

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TYPES	HP 3~ 400V 50Hz	kW	DNm Ø	Q= Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg								
				m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	120	126	132	150	168	180	192						
				l/m	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	2000	2100	2200	2500	2800	3000	3200						
8C01-GT	60	45	3	Hm = Total head in meters w.c.	630	591	546	490	400	280	178																					Cast Iron	RA	25	3135	350
8C02-GT	60	45	3		543	515	482	443	392	320	219	152																			Cast Iron	RA	21	2895	327	
8C03-GT	60	45	3		492	467	436	401	354	290	199	136																			Cast Iron	RA	19	2775	313	
8C06-GT	60	45	3		454		415	390	349	287	185																				Cast Iron	RA	17	2655	299	
8C11-GT	60	45	3		427		391	367	329	270	175																				Cast Iron	RA	16	2595	294	
8C16-GT	60	45	3		401		367	344	309	253	164																				Cast Iron	RA	15	2535	285	
8C21-GT	60	45	3		337			303	291	276	259	238	214	189	160	128	92														Cast Iron	RA	13	2415	271	
8C22-GT	60	45	5		364				292	279	266	251	236	220	203	185	166	147	126	105	83									Cast Iron	MF	13	3254	325		
8C26-GT	60	45	3		312				280	269	255	239	220	197	175	148	118	85											Cast Iron	RA	12	2355	264			
8C27-GT	60	45	5		336					269	257	245	231	217	202	186	170	152	134	115	95	75								Cast Iron	MF	12	3120	314		
8C30-ST	60	45	5		256	251	247	243	236	229	221	212	202	192	184	173	162	148	135	121									Stainless Steel	MF	12	3069	241			
8C35-ST	60	45	5		226	223	222	219	214	209	200	193	184	175	169	159	154	146	138	130	118	108	85						Stainless Steel	MF	10	2817	231			
8C41-GT	60	45	5		275					205	196	188	179	170	160	149	139	128	117	106	82	69								Cast Iron	MF	10	2852	292		
8C46-GT	60	45	5		247					185	177	170	161	152	143	134	125	116	106	96	74	62								Cast Iron	MF	9	2718	281		
8C51-GT	60	45	5		214										151	145	139	133	127	120	113	99	91	83	57				Cast Iron	MF	8	2584	270			
8C66-GT	60	45	5		143											107	104	101	97	94	88	85	82	73	61	50	39		Cast Iron	MF	5	2154	233			
8D01-GT	70	52	3	Hm = Total head in meters w.c.	756	709	655	588	480	335	217																			Cast Iron	RA	30	3427	399		
8D06-GT	70	52	3		646	613	574	527	466	381	261	181																		Cast Iron	RA	25	3127	374		
8D11-GT	70	52	3		595	564	527	486	429	350	240	166																	Cast Iron	RA	23	3007	360			
8D16-GT	70	52	3		507		465	435	391	320	207																		Cast Iron	RA	19	2767	332			
8D21-GT	70	52	3		389			348	335	318	298	275	246	217	183	146	106												Cast Iron	RA	15	2527	304			
8D26-GT	70	52	5		420				336	321	305	288	270	251	231	211	189	166	142	117	91								Cast Iron	MF	15	3514	366			
8D31-GT	70	52	3		364				325	313	297	279	257	230	203	171	137	98										Cast Iron	RA	14	2467	297				
8D36-GT	70	52	5		392					314	300	285	270	253	236	217	198	178	157	135	112	88							Cast Iron	MF	14	3380	355			
8D41-GT	70	52	5		302						226	217	207	196	186	175	164	152	141	129	116	89	75							Cast Iron	MF	11	2978	322		
8D46-GT	70	52	5		240										171	164	157	150	143	135	127	111	102	93	64				Cast Iron	MF	9	2710	300			
8D51-GT	70	52	5		172											128	124	120	116	112	105	101	98	87	73	61	46		Cast Iron	MF	6	2308	267			
8E01-GT	75	55	3	Hm = Total head in meters w.c.	698	662	619	570	503	411	282	195																		Cast Iron	RA	27	3377	393		
8E02-GT	75	55	3		561		513	481	431	353	228																		Cast Iron	RA	21	3017	351			
8E06-GT	75	55	3		415			372	358	338	318	293	263	232	196	157	113											Cast Iron	RA	16	2717	316				
8E10-ST	75	55	5		318	312	308	303	295	285	275	265	251	239	227	214	201	184	168	149								Stainless Steel	MF	15	3569	280				
8E15-ST	75	55	5		299	293	289	284	275	267	256	246	234	224	213	200	187	174	157	140								Stainless Steel	MF	14	3443	275				
8E20-ST	75	55	5		277	272	268	264	256	247	238	229	219	208	197	186	174	161	145	131								Stainless Steel	MF	13	3317	270				
8E25-ST	75	55	5		269	266	265	263	258	251	239	230	221	211	202	191	184	175	166	155	141	131	103				Stainless Steel	MF	12	3191	265					
8E26-GT	75	55	5		329						246	236	225	214	203	191	179	166	154	140	126	97	82					Cast Iron	MF	12	3242	338				
8E30-ST	75	55	5		247	244	243	241	237	231	220	211	202	194	184	174	168	163	154	143	130	121	93				Stainless Steel	MF	11	3065	260					
8E35-GT	75	55	5		268											189	181	174	166	159	150	141	123	113	103	71		Cast Iron	MF	10	2974	316				
8F01-GT	80	60	3	Hm = Total head in meters w.c.	749	710	665	612	540	441	302	210																Cast Iron	RA	29	3530	412				
8F02-GT	80	60	3		614		562	526	473	387	249																	Cast Iron	RA	23	3170	370				
8F06-GT	80	60	3		440			395	380	360	337	311	279	246	208	166	120										Cast Iron	RA	17	2810	328					
8F07-GT	80	60	5		447				358	342	326	308	289	269	248	226	202	178	153	126	98						Cast Iron	MF	16	3811	387					
8F11-GT	80	60	5		357					267	256	244	232	219	206	193	180	167	152	137	105	88					Cast Iron	MF	13	3409	354					
8F16-GT	80	60	5		294						208	199	191	183	175	165	156	135	124	113	77					Cast Iron	MF	11	3141	332						
8F21-GT	80	60	5		200											149	145	140	135	131	122	118	114	101	85	71	54	Cast Iron	MF	7	2605	288				

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TYPES	HP 3~ 400V 50Hz	kW	DNm Ø	Q= Performance at 2900 rpm																				Impeller material	Impeller RA=radial MF=mixed flow	no of impellers	Electropump Height in mms	Electropump Weight in kg							
				m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	120	126	132	150	168	180	192					
				l/m	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	2000	2100	2200	2500	2800	3000	3200					
8G01-GT	90	67	3	Hm = Total head in meters w.c.	694			634	595	534	437	282																			Cast Iron	RA	26	3428	396
8G02-GT	90	67	3		518				465	446	423	397	366	327	289	244	195	139													Cast Iron	RA	20	3068	364
8G06-GT	90	67	3		493				441	424	402	378	347	311	275	232	185	133												Cast Iron	RA	19	3008	357	
8G07-GT	90	67	3		467				418	402	381	358	329	295	261	220	176	127											Cast Iron	RA	18	2948	350		
8G10-ST	90	67	5		375	371	365	358	346	333	317	303	290	277	265	249	234	216	197	174	150									Stainless Steel	MF	18	4202	291	
8G20-ST	90	67	5		330	327	323	317	307	295	283	270	257	244	232	219	206	191	176	156	135									Stainless Steel	MF	16	3945	283	
8G31-GT	90	67	5		411							307	294	281	267	253	238	223	208	192	175	158	121	102						Cast Iron	MF	15	3755	391	
8G36-GT	90	67	5		384							287	275	263	249	236	222	208	193	179	164	147	113	95						Cast Iron	MF	14	3621	380	
8G41-GT	90	67	5		320										226	217	208	199	190	180	170	147	135	123	84						Cast Iron	MF	12	3353	358
8G46-GT	90	67	5		228													171	165	160	155	149	139	134	130	114	96	80	62		Cast Iron	MF	8	2817	314
8H01-GT	100	75	3	Hm = Total head in meters w.c.	774		707	664	595	488	314																			Cast Iron	RA	29	3679	431	
8H02-GT	100	75	3		570			511	491	465	436	402	360	318	269	215	154													Cast Iron	RA	22	3259	392	
8H03-GT	100	75	3		544			488	469	444	417	384	344	304	257	205	146												Cast Iron	RA	21	3199	385		
8H05-ST	100	75	5		447	439	434	426	416	401	386	372	356	335	321	303	285	260	234	211									Stainless Steel	MF	21	4507	343		
8H15-ST	100	75	5		426	418	414	406	396	383	367	354	337	320	305	288	270	248	224	202								Stainless Steel	MF	20	4381	338			
8H20-ST	100	75	5		404	397	393	386	376	364	348	335	321	305	290	275	255	234	214	192								Stainless Steel	MF	19	4255	333,5			
8H25-ST	100	75	5		384	380	377	374	366	358	341	327	315	300	287	273	261	249	236	222	202	185	150					Stainless Steel	MF	17	4003	323,5			
8H30-ST	100	75	5		360	357	356	351	345	336	322	308	295	284	272	257	245	234	224	209	189	174	142					Stainless Steel	MF	16	3877	319			
8H35-ST	100	75	5		343	335	332	325	315	305	295	285	271	257	244	231	216	199	180	162								Stainless Steel	MF	16	3877	318,5			
8H36-GT	100	75	5		438						327	314	300	285	270	253	237	221	204	187	169	129	108						Cast Iron	MF	16	3960	416		
8H40-ST	100	75	5		316	313	311	307	302	295	282	270	259	247	238	224	214	205	194	183	166	154	123					Stainless Steel	MF	14	3625	309			
8H46-GT	100	75	5		374							264	253	242	232	221	209	197	172	158	143	98						Cast Iron	MF	14	3692	394			
8H51-GT	100	75	5		346							245	235	225	216	206	195	183	160	146	133	91						Cast Iron	MF	13	3558	383			
8H56-GT	100	75	5		257										192	186	180	174	168	157	151	146	128	108	90	69		Cast Iron	MF	9	3022	339			
8L01-GT	110	82	5	Hm = Total head in meters w.c.	400								283	271	260	248	237	224	211	184	169	154	104						Cast Iron	MF	15	3897	420		
8L06-GT	110	82	5		285											212	206	199	193	186	174	168	162	142	120	100	76		Cast Iron	MF	10	3227	365		
8M00-ST	125	93	5	Hm = Total head in meters w.c.	509	502	497	487	472	457	440	425	406	386	366	345	325	296	270	241									Stainless Steel	MF	24	5071	397		
8M05-ST	125	93	5		474	469	467	461	452	441	422	405	386	371	356	335	321	308	295	275	249	229	184							Stainless Steel	MF	21	4693	382	
8M10-ST	125	93	5		450	445	443	437	431	421	402	386	369	353	338	320	305	295	280	260	237	219	176							Stainless Steel	MF	20	4567	377	
8M15-ST	125	93	5		428	424	421	416	409	400	381	366	350	335	323	305	292	280	265	246	224	207	169							Stainless Steel	MF	19	4441	372,5	
8M20-ST	125	93	5		407	403	400	396	388	380	362	345	333	317	305	288	275	265	252	234	214	197	159							Stainless Steel	MF	18	4315	367,5	
8M26-GT	125	93	5		452										320	307	294	281	269	253	239	208	191	174	118						Cast Iron	MF	17	4280	466
8M31-GT	125	93	5		426										301	289	277	265	252	239	225	196	180	164	111						Cast Iron	MF	16	4146	455
8M36-GT	125	93	5		313											233	226	219	212	205	191	184	178	157	131	109	84		Cast Iron	MF	11	3476	400		
8N00-ST	150	110	5	Hm = Total head in meters w.c.	518	512	509	503	495	482	462	442	426	406	388	369	353	337	320	298	275	253	203							Stainless Steel	MF	23	5270	470	
8N05-ST	150	110	5		495	490	487	482	474	462	441	425	406	387	373	352	336	324	305	285	263	241	194							Stainless Steel	MF	22	5144	465	
8N11-GT	150	110	5		398												297	287	278	269	260	242	234	226	199	167	138	106		Cast Iron	MF	14	4203	511	
8N16-GT	150	110	5		370												276	267	259	249	241	225	217	210	185	156	129	98		Cast Iron	MF	13	4069	500	
8N21-GT	150	110	5		341												255	246	238	230	223	208	201	194	171	143	119	91		Cast Iron	MF	12	3935	489	
8P01-GT	175	130	5	Hm = Total head in meters w.c.	426													318	308	298	288	279	260	250	242	213	179	148	113		Cast Iron	MF	15	4541	568

- Reduction in speed will result in a fall of performance

- DO NOT RUN PUMP DRY

- Tolerances according to ISO 9906, Annex A.

Pump Executions Legend:

S = All Stainless Steel

G = Cast Iron with Motor Casing in Stainless Steel

- Built-in check non-return valve to protect the pump against water hammer.

10"

Vera™ - SUBMERSIBLE MULTISTAGE BOREHOLE ELECTRIC PUMPS FOR DEEP WELLS for min. 10-inch COMPLETE WITH 2 POLE MOTORS TO NEMA STANDARD.

PUMP CONSTRUCTION

Executions:

G = Cast Iron with Motor Casing in Stainless Steel.

SUBMERSIBLE ELECTRIC MOTORS

8-inch from 20 HP to 125 HP

- Rewindable
- Wet type water-cooled

8-inch from 150 HP to 200 HP

- Encapsulated (Canned)
- Wet type water-cooled

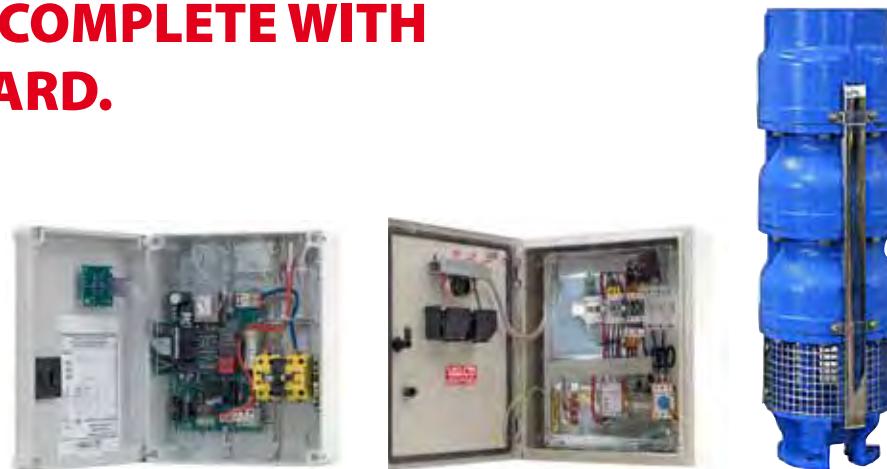
INNOVATIONS AND SPECIALTIES

On demand all wetted parts available with grade 304 or 316 stainless steel or bronze.

Executions for superior sand handling able to handle a tolerable quantity of sand.

INTELLIGENT CONTROL SYSTEMS

All pumps can be supplied with Protection and Control Boxes: Panel-Starters, Intelligent control systems, Electric-Electronic Controls Panels also with Variable Speed Inverters.



TYPES	HP	kW	DNm Ø	Q = Performance at 2900 rpm															Impeller material	no of impellers	Electropump Height in mms	Electropump Weight in kg				
				m³/h	0	90	96	108	120	132	144	156	168	180	210	240	270	300	330	360	390					
				l/m	0	1500	1600	1800	2000	2200	2400	2600	2800	3000	3500	4000	4500	5000	5500	6000	6500					
10100-G8T	20	15	150		39	31	31	30	29	28	27	25	23	21	15							Cast Iron	1	1731	213	
10200-G8T	25	18,5	150		46			36	35	34	33	32	31	29	25	20							Cast Iron	1	1731	213
10300-G8T	30	22	150		43						34	33	32	31	29	26	23	18	14			Cast Iron	1	1731	213	
10400-G8T	40	30	150		78	61	60	58	56	53	50	47	44	40	29							Cast Iron	2	1981	250	
10405-G8T	40	30	150		44							36	36	34	32	30	28	25	21	16			Cast Iron	1	1811	228
10500-G8T	50	37	150		90			71	69	66	64	62	59	56	48	38							Cast Iron	2	2061	267
10600-G8T	60	45	150		115	90	88	85	82	79	74	70	65	60	42							Cast Iron	3	2331	308	
10605-G8T	60	45	150		84						65	63	61	60	56	50	44	35	25			Cast Iron	2	2161	286	
10700-G8T	75	55	150		152	119	117	112	108	104	98	93	86	79	56							Cast Iron	4	2611	353	
10705-G8T	75	56	150		133			105	102	98	95	92	87	83	72	57						Cast Iron	3	2441	331	
10800-G8T	80	60	150		86							69	69	66	63	59	54	47	40	29			Cast Iron	2	2306	318
10900-G8T	90	67	150		190	148	145	140	135	129	123	116	108	98	69							Cast Iron	5	2926	397	
10905-G8T	90	67	150		125						95	93	91	89	83	75	66	51	37			Cast Iron	3	2586	353	
10A00-G8T	100	75	150		178			140	135	131	126	121	115	110	95	74						Cast Iron	4	2861	398	
10B00-G8T	110	82	150		228	178	174	167	161	155	146	138	128	117	83							Cast Iron	6	3231	453	
10C00-G8T	125	93	150		221			174	168	163	157	150	144	137	118	92						Cast Iron	5	3231	460	
10C05-G8T	125	93	150		166						127	124	120	117	110	100	86	68	48			Cast Iron	4	3061	438	
10C10-G8T	125	93	150		129							103	102	98	93	87	80	71	60	43			Cast Iron	3	2891	416
10D00-G8T	150	110	150		265			209	202	195	187	181	172	164	141	110						Cast Iron	6	3696	536	
10D05-G8T	150	110	150		207						158	154	150	146	137	124	107	84	61			Cast Iron	5	3526	514	
10E00-G8T	175	130	150		171							136	135	129	123	114	106	93	79	57			Cast Iron	4	3559	538
10F00-G8T	200	150	150		247						190	184	180	175	164	148	128	101	72			Cast Iron	6	4127	631	
10F05-G8T	200	150	150		215							171	169	162	154	142	132	116	98	71			Cast Iron	5	3957	609

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.



MADE IN ITALY

VALCO®
International trademark



DRAINAGE SUBMERSIBLE DEWATERING ELECTRIC PUMPS



Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
A GLOBAL, INNOVATIVE AND COMPETITIVE PUMPING AND MOTORS SOLUTION.

WATER AND PUMPS ARE ESSENTIAL FOR LIFE!



DRAINAGE SUBMERSIBLE DEWATERING ELECTRIC PUMPS

Pump construction

Cast iron, Stainless steel, Bronze, no-clog, Portable, synthetic corrosion and abrasion-free material(thermoplastics), Automatic with float switch.Impellers:Open , vortex, single-channel, double-channel and three-channel and grinder cutter plate made of cast iron, stainless steel, aluminium, abrasion-resistant nitrilic rubber and technopolymers. Pump bodies made in cast iron, stainless steel, aluminium and technopolymers.

Applications

Suitable for domestic, residential, industrial, agricultural and civil drainage and wastewater sewage uses: dewatering; sump drainage, effluent and sewage; ponds, construction,mines, reclamation, swimming pools, basements and flooded areas, stormwaters, irrigation, stock breeding, food beverage, for waste, sewage and washwater for single and several households and public buildings, for building sites also partially dry, for continuous and heavy duties for most types of fluids also with bodies in suspension in water treatment plants, brackish waters, dirty waters, sludge, industrial processes, etc.

Innovations and Specialties

Executions **Flame-proof ATEX** Ex Directive 94/9/EC for equipment intended for use in potentially explosive atmospheres Exd-IIB-T3-II-2-G.

Low Voltage versions 42V AC following rules CENELEC HD 400.1 for use in installations with safety rules against electrocution.

Intelligent Control Systems: Electric, Electronic Controls Panels also with Variable Speed Inverters, Sensors, Alarm Transmitters and Remote Monitoring.

Executions for construction sites able to withstand limited dry running.

We also supply **Sewage Pumping Lifting Stations** for lifting household waster water.

Coupling Devices

Foot Pedestals and Adapters (outlet bends couplings, inlet bends intake suction curve), Gate Valves and Flange Ball Retaining Valves (Check Non return totally free passage with cover easily removable for plant inspection).

We also supply **Sewage Pumping Lifting Stations** for lifting household waster water.

Voltages

Single Phase: 230 V

Three Phase: 400 V DOL

230/400 V on request

Cycles

50 Hz Standard

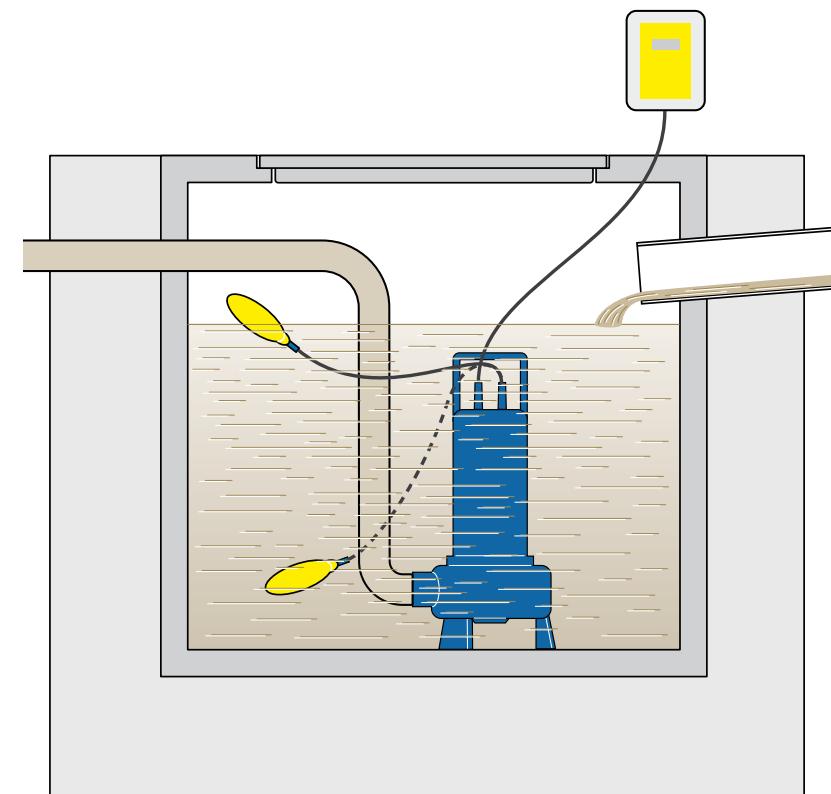
60 Hz available all throughout the range

Energy saving and efficiency

We optimize efficiencies for lower power consumption to suit your specific pumping requirements.

We provide full Technical Service, Spare Parts, Assistance and Aftersale Service and Maintenance through our Valco Distributors' Network and our Valco Service Centres.

Installation scheme



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LIGHT DRAINAGE - Drainage Submersible Dewatering Portable Electric Pumps

Drainage Submersible Dewatering Portable Electric Pumps made in synthetic corrosion and abrasion-free material, made in stainless steel and in special corrosion-resistant aluminium alloy suitable for light drainage pumping applications. - *Dernajo™*

LEGEND

Pump identification codes:

AP = aluminium / technopolymer

C = cast iron

P = technopolymer

PFF = technopolymer, filter for fountains

PGL = technopolymer, GROUND LEVEL DRAINAGE of swimming pools and sites down to approx 2mm of remaining water level

PMU = technopolymer, multistage, top delivery

PU = technopolymer, top delivery

S = stainless steel

SC = stainless steel / cast iron

SFFU = stainless steel, filter for fountains, top delivery

SPU = stainless steel / technopolymer, top delivery

SU = stainless steel, top delivery



TYPES	HP	kW	DNm Ø	Delivery	Q = Performance at 2900 rpm																				Pump material	Impeller material	Pump identification codes	Ø max solids in susp. Free mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg		
					m³/h	0	0,6	1,2	1,5	2,4	3	3,6	4,5	4,8	6	7,2	9	9,6	12	12,3	15	18	21,3	24	27	30,6	32,4	34,5	36,6	40,2			
					l/m	0	10	20	25	40	50	60	75	80	100	120	150	160	200	225	250	300	355	400	450	510	540	575	610	670			
D300F	0,33	0,25	1"1/4	top		8,2	7,9	7,5	7,3	6,8	6,4	6,0	5,4	5,1	4,4	3,5	1,0																
D305F	0,33	0,25	1"1/4	top		7,2	7,0	6,7	6,5	6,1	5,8	5,5	4,8	4,6	3,8	2,9	1,2																
D310F	0,33	0,25	1" M	top		6,6	6,3	5,9	5,6	4,7	4,0	3,2	1,7	1,2																			
D400F	0,4	0,3	1"1/4	bottom		8,9	8,5	8,2	8,0	7,5	7,2	6,9	6,4	6,2	5,4	4,4	3,1	2,6															
D405F	0,4	0,3	1"1/4	bottom		8,3	8,2	8,1	8,0	7,8	7,6	7,4	7,1	6,9	6,4	5,7	4,4	4,0															
D410F	0,4	0,3	1"1/4	top		6,6	6,3	6,1	5,9	5,4	5,0	4,6	4,0	3,7	2,9	1,7																	
D415F	0,4	0,3	1"	top		6,3	6,1	5,9	5,7	5,2	4,7	4,3	3,0	2,6																			
D500F	0,5	0,37	1"1/4	bottom		9,9	9,6	9,3	9,1	8,5	8,2	7,9	7,4	7,2	6,4	5,5	4,2	3,8	2,1														
D505F	0,5	0,37	1"1/2	bottom		9,7	9,5	9,3	9,1	8,8	8,4	8,1	7,7	7,5	6,8	6,3	5,4	5,0	3,9	3,2	2,6												
D510F	0,5	0,37	1"1/2	bottom		9,2	9,0	8,8	8,6	8,2	8,0	7,6	6,9	6,7	5,8	5,0	4,0	3,7	2,8														
D515F	0,5	0,37	1"1/2	bottom		8,3	8,2	8,0	7,9	7,6	7,4	7,2	6,9	6,8	6,3	5,8	5,0	4,7	3,4	2,6	1,7												
D600F	0,6	0,45	1"1/4	top		10,3	10,0	9,7	9,6	9,0	8,7	8,3	7,7	7,5	6,7	5,9	4,7	4,3	2,9	1,9													
D605F	0,6	0,45	1"1/4	top		10,3	9,7	9,2	9,0	8,2	7,8	7,5	7,0	6,8	5,6	4,4	3,1	2,8	1,8	1,2													
D610F	0,6	0,45	1"	top		8,5	8,3	8,1	8,0	7,5	7,1	6,5	5,6	5,2	3,9	2,5																	
D615F	0,6	0,45	1" M	top		8,5	8,2	7,9	7,7	7,1	6,6	6,1	5,2	4,9	3,5	1,9																	
D620F	0,6	0,45	1"1/4	bottom		8,2	7,9	7,5	7,4	6,9	6,6	6,3	6,0	5,9	5,4	4,8	3,9	3,5	1,8														
D625F	0,6	0,45	1"1/4	bottom		7,3	7,0	6,7	6,5	5,8	5,3	4,8	4,2	3,9	2,9																		
D800F	0,8	0,6	1"1/4	top		30,9	24,7	20,6	19,1	14,4	10,3	6,2	2,1																				
D805F	0,8	0,6	1"1/2	bottom		12,4	12,3	12,1	11,9	11,5	11,3	11,1	10,7	10,6	10,1	9,6	8,8	8,4	7,4	6,7	6,0	4,6	3,6										

LIGHT DRAINAGE - Drainage Submersible Dewatering Portable Electric Pumps

TYPES	HP	kW	DNm Ø	Delivery	Q = Performance at 2900 rpm																						Pump material	Impeller material	Pump identification codes	Ø max solids in susp. Free passage, mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg											
					m³/h	0	0,6	1,2	1,5	2,4	3	3,6	4,5	4,8	6	7,2	9	9,6	12	12,3	15	18	21,3	24	27	30,6	32,4	34,5	36,6	40,2														
					l/m	0	10	20	25	40	50	60	75	80	100	120	150	160	200	225	250	300	355	400	450	510	540	575	610	670														
D810F	0,8	0,6	1"1/2	top		11,8	11,6	11,3	11,2	10,8	10,5	10,2	9,8	9,6	8,6	7,7	6,6	6,2	4,6	3,4	2,1												stainless steel	stainless steel	SU	10	5	212,4x212,4x290,2	9					
D815F	0,8	0,6	1"1/2	top		11,8	11,5	11,3	11,1	10,8	10,6	10,3	9,8	9,6	8,7	7,7	6,6	6,2	4,6	3,4	2,1												stainless steel	stainless steel	SFFU	1	5	212,4x212,4x400	9					
D820F	0,8	0,6	1"1/2	bottom		11,3	11,0	10,8	10,7	10,3	10,1	9,9	9,6	9,5	8,9	8,2	7,4	7,0	5,9	4,9	4,0	2,1												cast iron	cast iron	C	9	20	188x188x317	13,5				
D825F	0,8	0,6	1"1/4	top		10,6	10,4	10,1	10,0	9,6	9,4	9,1	8,7	8,6	8,0	7,4	6,5	6,0	4,1														technopolymer	noryl®	PU	4	5	176x176x296	8,5					
D830F	0,8	0,6	1"1/2	bottom		9,3	9,1	9,0	8,8	8,5	8,2	7,9	7,5	7,3	6,7	5,9	4,8	4,6	3,6	2,5	1,0												stainless steel	stainless steel	S	4	5	150x160x325	7,6					
D835F	0,8	0,6	1"1/4	bottom		9,3	9,0	8,7	8,6	8,4	8,2	7,9	7,4	7,3	6,6	5,9	4,8	4,4	2,9	1,8												technopolymer	stainless steel	P	8	5	132x152x311	7,2						
D840F	0,8	0,6	1"1/4	bottom		9,3	9,0	8,8	8,7	8,4	8,2	7,9	7,4	7,2	6,6	6,0	4,8	4,5	2,9	1,8												technopolymer	stainless steel	PFF	2	5	133x152x430	7,5						
D845F	0,8	0,6	1"1/2	bottom		9,2	9,0	8,9	8,8	8,5	8,3	8,1	7,8	7,7	7,3	6,8	6,0	5,7	4,6	3,7	2,9	1,0											stainless steel / cast iron	cast iron	SC	5	20	190x190x380	11					
D850F	0,8	0,6	1"1/4M	top		8,9	8,7	8,6	8,5	8,2	8,0	7,8	7,5	7,3	6,8	6,2	5,1	4,8	3,1	1,9												technopolymer	technopolymer	PU	10	5	170x170x272	6						
D855F	0,8	0,6	2"	bottom		8,5	8,2	8,0	7,9	7,5	7,3	7,0	6,7	6,6	6,1	5,7	5,1	4,8	4,0	3,5	3,0	2,1											cast iron	cast iron	C	12	20	210x210x345	14,5					
D1000F	1	0,75	1"1/4	top		43,3	37,1	33,0	30,9	25,8	21,6	16,5	10,1																				technopolymer	noryl®	PMU	1	5	155x155x440	8,5					
D1005F	1	0,75	1"1/2	top		14,9	14,7	14,4	14,3	13,9	13,5	13,0	12,4	12,2	11,5	10,8	9,7	9,3	7,2	5,7	4,1	1,5											stainless steel	stainless steel	SU	10	5	212,4x212,4x290,2	11					
D1010F	1	0,75	1"1/2	top		14,9	14,7	14,4	14,3	13,9	13,6	13,2	12,4	12,2	11,3	10,8	9,8	9,3	7,2	5,7	4,1	1,5											stainless steel	stainless steel	SFFU	1	5	212,4x212,4x400	11					
D1015F	1	0,75	1"1/2	bottom		14,4	14,3	14,1	14,0	13,5	13,2	12,9	12,4	12,2	11,3	10,7	9,8	9,4	8,2	7,5	7,0	5,9	4,4	3,6										aluminium / technopolymer	nylon	AP	5	20	169x169x416	11				
D1020F	1	0,75	1"1/4	top		13,7	13,5	13,2	13,1	12,8	12,6	12,3	11,9	11,8	11,2	10,6	9,6	9,2	7,5	6,2	4,6											technopolymer	noryl®	PU	4	5	176x176x296	10						
D1025F	1	0,75	1"1/2	bottom		13,2	13,0	12,8	12,7	12,4	12,1	11,9	11,5	11,4	10,9	10,4	9,5	9,2	8,0	7,2	6,3	4,5	2,3										cast iron	cast iron	C	9	20	188x188x317	14,5					
D1030F	1	0,75	1"1/2	bottom		11,3	11,3	11,2	11,1	11,1	11,0	10,9	10,7	10,6	10,3	9,9	9,2	8,9	7,7	6,9	6,0	3,8											stainless steel / cast iron	cast iron	SC	5	20	190x190x380	12					
D1035F	1	0,75	2"	bottom		10,6	10,3	10,1	10,0	9,6	9,4	9,1	8,8	8,7	8,2	7,7	6,8	6,5	5,7	5,2	4,6	3,8	2,8	2,0	1,0									cast iron	cast iron	C	12	20	210x210x345	15,5				
D1100F	1,1	0,8	1"1/4	bottom		11,8	11,6	11,3	11,1	10,6	10,2	9,8	9,3	9,1	8,4	7,7	6,6	6,2	4,6	3,7	2,7											technopolymer	stainless steel	P	8	5	132x152x311	8						
D1105F	1,1	0,8	1"1/4	bottom		11,8	11,6	11,4	11,2	10,6	10,2	9,9	9,4	9,2	8,4	7,7	6,6	6,3	4,6	3,6	2,7											technopolymer	stainless steel	PFF	2	5	133x152x430	8,3						
D1110F	1,1	0,8	1"1/2	bottom		10,3	10,1	10,0	9,9	9,6	9,5	9,3	9,0	8,9	8,5	8,1	7,4	7,1	5,9	4,7	3,4											stainless steel	stainless steel	S	4	5	150x160x325	8,4						
D1200F	1,2	0,9	1"1/2M	top		13,0	12,8	12,6	12,5	12,1	11,9	11,6	11,2	11,0	10,5	9,8	8,8	8,5	6,9	5,9	4,8	2,4											stainless steel / technopolymer	technopolymer	SPU	10	5	180x180x390	8,9					
D1500F	1,5	1,1	1"1/2	bottom		19,1	18,8	18,6	18,4	18,0	17,7	17,4	17,0	16,8	16,4	15,8	14,9	14,6	13,4	12,4	11,3	9,3	7,2	5,7	3,6										cast iron	cast iron	C	9	20	188x188x363	18,5			
D1505F	1,5	1,1	2"	top		17,0	16,7	16,5	16,4	16,0	15,7	15,4	14,9	14,8	14,1	13,4	12,6	12,4	11,3	10,3	9,3	7,2	4,3	2,1										stainless steel	stainless steel	SU	10	5	212,4x212,4x326,7	18				
D1510F	1,5	1,1	2"	top		17,0	16,8	16,6	16,5	16,0	15,6	15,3	14,9	14,7	14,1	13,4	12,7	12,4	11,3	10,3	9,3	7,2										stainless steel	stainless steel	SFFU	1	5	212,4x212,4x440,2	18						
D1515F	1,5	1,1	2"	bottom		16,7	16,5	16,3	16,2	15,9	15,7	15,5	15,1	15,0	14,6	14,2	13,6	13,3	12,4	11,7	11,1	9,9	8,5	7,2	5,9	4,1	3,1								cast iron	cast iron	C	12	20	210x210x379	20,5			
D1520F	1,5	1,1	1"1/2	bottom		15,2	14,9	14,5	14,4	14,0	13,7	13,4	13,0	12,9	12,4	11,7	10,9	10,6	9,7	8,9	8,1	6,7	4,8	3,2	1,8										aluminium / technopolymer	nylon	AP	5	20	169x169x416	11			
D2000F	2	1,5	1"1/2	bottom		21,1	20,8	20,5	20,3	19,9	19,6	19,3	19,0	18,7	18,2	17,7	16,9	16,5	15,3	14,4	13,4	11,8	9,9	8,4	7,0	4,7	3,4	2,1								cast iron	cast iron	C	9	20	188x188x363	20,5		
D2005F	2	1,5	2"	bottom		18,7	18,5	18,3	18,2	17,9	17,8	17,6	17,3	17,2	16,8	16,5	15,8	15,7	14,7	14,2	13,7	12,5	11,2	10,0	8,7	7,0	6,2	5,2	4,1	2,1								cast iron	cast iron	C	12	20	210x210x379	22,5

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- All 1 phase models supplied with float switch.

- 3phase execution available on request.

- All pumps supplied with 5 mt cable length; other lengths available on request.

- D305F, D600F available execution in Stainless Steel AISI 316 on request.

- D400F, D500F, D820F, D855F, D1025F, D1035F, D1500F, D1515F, D2000F, D2005F available also in execution with top delivery.

- D300F, D605F, D815F, D840F, D1010F, D1105F, D1510F models suitable for fountain use only.

- D505F, D510F, D805F, D1015F, D1520F available also in execution low voltage.

HEAVY DRAINAGE - Drainage Submersible Dewatering Heavy Duty Electric Pumps

Drainage Submersible Dewatering Heavy Duty Electric Pumps made in special corrosion-resistant aluminium alloy, cast iron or in stainless steel and suitable for drainage Heavy Duty Dewatering applications. - *Dernajo™*

LEGEND

Pump identification codes:

A = motor housing and pump body in aluminium.

AC = motor housing in aluminium and pump body in cast iron.

C = motor housing and pump body in cast iron.

S = motor housing and pump body in stainless steel.

SC = motor housing in stainless steel and pump body in cast iron.



TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																		Pump material	Impeller material	Diffuser material	Pump identificatiion codes	Ø max solids in susp. Free passage, mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg				
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	1,5	3	4,5	6	9	12	15	18	21	24	25,2	27	30	36	32	48	54	60	66									
					l/m	0	25	50	75	100	150	200	250	300	350	400	420	450	500	600	700	800	900	1000	1100									
DW-800		0,8	0,6	1"1/4		16,0		15,3	14,9	14,2	12,1	8,9	4,4													cast iron	stainless steel	cast iron	SC	10	5	218,5x218,5x330	12	
	DW-800T	0,8	0,6	1"1/4		16,0		15,3	14,9	14,2	12,1	8,9	4,4													cast iron	stainless steel	cast iron	SC	10	5	218,5x218,5x330	12	
DW-805		0,8	0,6	1"1/2		11,2	10,6	9,8	9,2	8,4	7,1	5,4	2,7													cast iron	stainless steel	cast iron	SC	8	5	142x213,5x300	13	
	DW-805T	0,8	0,6	1"1/2		11,2	10,6	9,8	9,2	8,4	7,1	5,4	2,7													cast iron	stainless steel	cast iron	SC	8	5	142x213,5x300	13	
DW-810		0,8	0,6	1"1/2		10,8	9,3	8,0	7,2	6,2	3,5	1,6														cast iron	stainless steel	cast iron	SC	8	5	142x213,5x300	13	
DW-1000		1	0,75	1"1/2		15,3	14,4	13,2	12,4	11,5	9,5	7,6	5,4	2,7												cast iron	stainless steel	cast iron	SC	8	5	142x213,5x300	13,5	
	DW-1000T	1	0,75	1"1/2		15,3	14,4	13,2	12,4	11,5	9,5	7,6	5,4	2,7												cast iron	stainless steel	cast iron	SC	8	5	142x213,5x300	13,5	
DW-1200		1,2	0,9	1"1/4		19,7	19,1	18,5	17,6	15,7	13,0	9,6	4,5													cast iron	stainless steel	cast iron	SC	10	5	218,5x218,5x330	14	
	DW-1200T	1,2	0,9	1"1/4		19,7	19,1	18,5	17,6	15,7	13,0	9,6	4,5													cast iron	stainless steel	cast iron	SC	10	5	218,5x218,5x330	14	
DW-1205		1,2	0,9	2"		15,1	14,7	14,4	14,0	13,6	12,7	11,6	10,4	9,0	7,5	5,8	5,1	4,0								cast iron	cast iron	cast iron	SC	5	20	210x210x430	18	
	DW-1205T	1,2	0,9	2"		15,1	14,7	14,4	14,0	13,6	12,7	11,6	10,4	9,0	7,5	5,8	5,1	4,0								cast iron	cast iron	cast iron	SC	5	20	210x210x430	18	
DW-1500		1,5	1,1	1"1/2		19,8	19,6	19,1	18,5	18,0	16,5	14,4	12,2	9,5	7,0	4,1										cast iron	cast iron	cast iron	SC	8	5	142x213,5x344	18,2	
	DW-1500T	1,5	1,1	1"1/2		19,8	19,6	19,1	18,5	18,0	16,5	14,4	12,2	9,5	7,0	4,1										cast iron	cast iron	cast iron	SC	8	5	142x213,5x344	18,2	
DW-1505		1,5	1,1	2"		20,2		19,8	18,5	17,0	15,5	14,2	12,7	11,1	10,5	9,6	8,1	4,3								cast iron	cast iron	cast iron	C	8	20	280x200x510	35	
	DW-1505T	1,5	1,1	2"		20,2		19,8	18,5	17,0	15,5	14,2	12,7	11,1	10,5	9,6	8,1	4,3								cast iron	cast iron	cast iron	C	8	20	280x200x510	35	
DW-1510		1,5	1,1	2"		19,9		18,7	18,0	16,8	15,5	14,0	12,4	10,8	9,7	9,2	8,5	7,2	4,0								cast iron	bronze	cast iron	C	10	8	220x200x400	24
	DW-1510T	1,5	1,1	2"		19,9		18,7	18,0	16,8	15,5	14,0	12,4	10,8	9,7	9,2	8,5	7,2	4,0								cast iron	bronze	cast iron	C	10	8	220x200x400	24
DW-1515T		1,5	1,1	1"1/2		20,3		18,8	18,1	16,7	15,3	13,5	11,3	9,1	6,4	5,2										aluminium	cast iron	stainless steel	A	5	20	300x250x390	18	
DW-1520		1,5	1,1	1"1/2		18,3		16,8	16,1	14,6	13,0	10,8	8,2	4,8												aluminium	cast iron	stainless steel	A	5	20	300x250x390	18	
	DW-1520T	1,5	1,1	1"1/2		18,3		16,8	16,1	14,6	13,0	10,8	8,2	4,8												aluminium	cast iron	stainless steel	A	5	20	300x250x390	18	
DW-1525		1,5	1,1	2"		19,3		17,5	16,0	14,6	11,8	8,8	5,2	2,1												cast iron	cast iron	stainless steel	SC	8	5	190x250x378	25,5	
	DW-1525T	1,5	1,1	2"		19,3		17,5	16,0	14,6	11,8	8,8	5,2	2,1												cast iron	cast iron	stainless steel	SC	8	5	190x250x378	25,5	
DW-1530		1,5	1,1	2"1/2		10,0		9,8	9,7	9,5	9,2	8,5	8,0	7,4	6,8	6,1	5,8	5,5	4,9	3,5	2,2						cast iron	cast iron	cast iron	AC	5	20	215x215x550	23,5
	DW-1530T	1,5	1,1	2"1/2		10,0		9,8	9,7	9,5	9,2	8,5	8,0	7,4	6,8	6,1	5,8	5,5	4,9	3,5	2,2						cast iron	cast iron	cast iron	AC	5	20	215x215x550	23,5

HEAVY DRAINAGE - Drainage Submersible Dewatering Heavy Duty Electric Pumps

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																			Pump material	Impeller material	Diffuser material	Pump identification codes	Ø max solids in susp. Free passage, mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg			
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	1,5	3	4,5	6	9	12	15	18	21	24	25,2	27	30	36	32	48	54	60	66									
					l/m	0	25	50	75	100	150	200	250	300	350	400	420	450	500	600	700	800	900	1000	1100									
DW-1535		1,5	1,1	2"1/2		9,9			9,5	9,3	8,9	8,4	8,0	7,4	7,0	6,8	6,5	6,0	4,6	3,2	2,0				cast iron	rubber coated bronze	rubber coated bronze	AC	5	20	215x215x550	23,5		
DW-1535T		1,5	1,1	2"1/2		9,9			9,5	9,3	8,9	8,4	8,0	7,4	7,0	6,8	6,5	6,0	4,6	3,2	2,0				cast iron	rubber coated bronze	rubber coated bronze	AC	5	20	215x215x550	23,5		
DW-2000		2	1,5	1"1/2		31,5		27,2	25,3	21,6	18,0	14,2	10,2	5,2												aluminium	cast iron	stainless steel	A	5	20	300x250x390	22	
DW-2005		2	1,5	2"		24,0			23,0	22,1	20,4	18,7	17,0	15,7	14,3	13,7	12,7	11,2	7,8						cast iron	cast iron	cast iron	C	8	20	280x200x510	36		
DW-2005T		2	1,5	2"		24,0			23,0	22,1	20,4	18,7	17,0	15,7	14,3	13,7	12,7	11,2	7,8						cast iron	cast iron	cast iron	C	8	20	280x200x510	36		
DW-2010		2	1,5	2"		22,3		19,9	18,8	17,0	14,9	12,9	10,3	7,2	3,8										cast iron	cast iron	stainless steel	SC	8	5	190x250x378	28,5		
DW-2010T		2	1,5	2"		22,3		19,9	18,8	17,0	14,9	12,9	10,3	7,2	3,8									cast iron	cast iron	stainless steel	SC	8	5	190x250x378	28,5			
DW-2015		2	1,5	2"		18,4	18,2	18,1	18,0	17,8	17,2	16,5	15,6	14,6	13,3	11,9	11,3	10,3	8,6	4,5				cast iron	cast iron	cast iron	SC	5	20	210x210x430	20			
DW-2015T		2	1,5	2"		18,4	18,2	18,1	18,0	17,8	17,2	16,5	15,6	14,6	13,3	11,9	11,3	10,3	8,6	4,5				cast iron	cast iron	cast iron	SC	5	20	210x210x430	20			
DW-2020		2	1,5	2"		14,8		14,4	14,2	13,8	13,3	12,8	12,1	11,3	10,5	10,2	9,6	8,3	6,2					aluminium	cast iron	rubber	A	5	20	310x360x430	23			
DW-2025T		2	1,5	2"1/2		11,9			11,2	10,9	10,6	10,2	9,9	9,5	9,1	8,9	8,5	8,1	7,1	5,8	4,0	1,5			cast iron	cast iron	cast iron	AC	5	20	215x215x550	23,5		
DW-2030T		2	1,5	2"1/2		12,0			11,2	10,8	10,5	10,2	9,8	9,4	9,1	8,9	8,7	8,1	7,1	5,8	4,0	1,5			cast iron	rubber coated bronze	rubber coated bronze	AC	5	20	215x215x550	23,5		
DW-2500		2,5	1,8	1"1/2		33,0		30,1	28,4	24,6	21,1	17,5	13,7	9,3	4,1									aluminium	cast iron	stainless steel	A	5	20	310x360x430	25			
DW-2500T		2,5	1,8	1"1/2		33,0		30,1	28,4	24,6	21,1	17,5	13,7	9,3	4,1								aluminium	cast iron	stainless steel	A	5	20	310x360x430	25				
DW-2505		2,5	1,8	2"		16,9		16,7	16,7	16,4	16,0	15,3	14,6	14,1	13,6	13,3	12,8	11,4	8,9	6,4	3,4			aluminium	cast iron	rubber	A	5	20	310x360x430	25			
DW-2505T		2,5	1,8	2"		16,9		16,7	16,7	16,4	16,0	15,3	14,6	14,1	13,6	13,3	12,8	11,4	8,9	6,4	3,4			aluminium	cast iron	rubber	A	5	20	310x360x430	25			
DW-2510T		2,5	1,8	2"1/2		16,0			15,3	14,8	14,4	14,0	13,5	13,1	12,6	12,4	12,1	11,3	10,2	8,9	7,3	5,5	3,1		cast iron	rubber coated bronze	rubber coated bronze	AC	5	20	215x215x550	24		
DW-2515T		2,5	1,8	2"1/2		16,0			15,3	14,8	14,4	14,0	13,5	13,1	12,6	12,4	12,1	11,3	10,2	8,9	7,3	5,5	3,1		cast iron	cast iron	cast iron	AC	5	20	215x215x550	24		
DW-3000T	3	2,2	3"		44,0	43,3	42,4	41,2	38,1	34,0	28,8	28,1	21,6	13,4									stainless steel	stainless steel	stainless steel	S	1	5	138,5x138,5x446	38				
DW-3005T	3	2,2	2"		28,3			27,2	26,3	24,7	23,3	21,6	20,1	18,6	18,0	17,0	15,6	12,2	7,2				cast iron	cast iron	cast iron	C	8	20	280x200x510	37				
DW-3010T	3	2,2	2"		26,8		25,3	24,7	23,2	21,5	19,8	18,0	15,5	12,5	11,3	9,3	4,1					cast iron	cast iron	stainless steel	SC	8	5	190x250x378	29,5					
DW-3015T	3	2,2	2"		19,4			19,1	19,0	18,6	18,3	17,8	17,1	16,5	15,6	15,1	14,5	13,2	10,9	8,4	5,4			aluminium	cast iron	rubber	A	5	20	310x360x430	25			
DW-3020T	3	2,2	2"1/2		17,5				16,6	16,2	15,8	15,3	14,8	14,4	13,8	13,6	13,4	12,9	11,5	10,3	8,7	7,0	4,7	2,3	cast iron	rubber coated bronze	rubber coated bronze	AC	5	20	215x215x550	26		
DW-3025T	3	2,2	2"1/2		17,5				16,6	16,2	15,8	15,3	14,8	14,4	13,8	13,6	13,4	12,9	11,5	10,3	8,7	7,0	4,7	2,3	cast iron	cast iron	cast iron	AC	5	20	215x215x550	26		
DW-4000T	4	3	3"		47,0	45,3	44,5	43,3	39,7	36,8	33,0	28,8	22,7	14,4									stainless steel	stainless steel	cast iron	S	1	5	138,5x138,5x446	43				
DW-4005T	4	3	50			34,6				30,7	28,4	26,0	23,5	20,8	18,8	16,8	15,9	14,4	12,6	8,2	3,1				cast iron	cast iron	cast iron	C	10	20	340x310x600	60		
DW-5500T	5,5	4	3"			52,0	50,5	49,7	48,4	44,3	42,2	38,1	34,0	27,8	18,5								stainless steel	stainless steel	cast iron	S	1	5	138,5x138,5x446	48				
DW-5505T	5,5	4	50			39,0				34,8	32,2	29,7	27,8	25,2	23,0	20,8	19,9	18,5	16,5	12,1	7,2	3,3				cast iron	cast iron	cast iron	C	10	20	340x310x600	63	
DW-7500T	7,5	5,5	3"			74,0	72,1	71,1	70,0	67,0	64,9	61,8	57,7	53,6	49,4	46,9	41,2	30,9					stainless steel	stainless steel	cast iron	S	1	5	138,5x138,5x446	57				
DW-7505T	7,5	5,5	65			47,9				43,8	42,3	41,4	40,2	38,4	37,0	36,5	35,3	34,0	30,6	26,3	20,6	13,5			cast iron	cast iron	cast iron	C	10	20	400x350x680	68		
DW-10A00T	10	7,5	3"			94,4	93,7	93,2	92,7	90,0	86,5	82,4	77,3	71,1	65,5	61,8	54,6	41,2					stainless steel	stainless steel	cast iron	S	1	5	138,5x138,5x446	68				
DW-10A05T	10	7,5	65			55,0				51,2	50,4	49,4	48,5	47,4	46,2	45,7	44,8	43,3	40,1	36,8	32,3	24,7	16,7				cast iron	cast iron	cast iron	C	10	20	400x350x680	70

- Reduction in speed will result in a fall of performance

• DO NOT RUN PUMP DRY

- Tolerances according to ISO 9906, Annex A.

- All pumps supplied with 5 mt cable length; other lengths available on request

- Float switch and/or control box supplied on request

- DW-1530, DW-1530T, DW2025T, DW-2515T, DW-3025T available also in execution low voltage

CONTRACTORS - Heavy Duty Drainage Submersible Dewatering Contractors' Electric Pumps

Heavy Duty Drainage Submersible Dewatering Contractors' Electric Pumps for muddy and sandy waters, suitable to operate in hard conditions also not fully submerged.
Delivery outlet up to 6". - *Dernajo™*

LEGEND

Pump identification codes:

A = motor housing and pump body in aluminium.

S = motor housing and pump body in stainless steel.

SC = motor housing in stainless steel and pump body in cast iron.



TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																		Pump material	Impeller material	Wear Plate material	Pump identification codes	Ø max solids in susp. Free passage, mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	8	16	24	32	40	48	56	64	72	90	108	126	135	144	162	180	216	252	288					
		l/m	0	133	266	400	533	666	800	933	1066	1200	1500	1800	2100	2250	2400	2700	3000	3600	4200	4800								
DBH-1500		1,5	1,1	2"		17,0	16,1	9,6	3,0																			210x210x496	29	
DBH-1505		1,5	1,1	2"1/2		13,0	11,9	10,4	8,5	6,8	4,8	2,9																250x270x530	34	
DBH-1505T		1,5	1,1	2"1/2		13,0	11,9	10,4	8,5	6,8	4,8	2,9																250x270x530	34	
DBH-2000		2	1,5	3"		20,0	17,5	14,4	8,9																			235x235x616	43	
DBH-2000T		2	1,5	3"		20,0	17,5	14,4	8,9																			235x235x536	39	
DBH-2005		2	1,5	2"1/2		18,0	16,3	13,5	10,8	8,0	5,8	3,4	1,6															250x270x530	35	
DBH-2005T		2,5	1,8	2"1/2		20,7	18,7	15,6	12,6	9,7	7,0	4,4	2,3															250x270x530	36	
DBH-2500T		3	2,2	2"1/2		23,0	20,9	17,7	14,7	11,7	8,8	6,2	3,5	1,6														250x270x530	37	
DBH-3000T		3	2,2	3"		21,5	20,4	18,7	14,8	10,3	5,7																	235x235x536	42	
DBH-3005T		3	2,2	3"		19,5	17,6	15,0	12,4	9,6	6,9	4,1																203X203X551	38	
DBH-3010T		3	2,2	3"		19,5	17,6	15,0	12,4	9,6	6,9	4,1															203X203X551	38		
DBH-3015		3	2,2	2"1/2		16,0	15,3	13,8	11,9	9,7	7,1	4,1															240x270x590	33		
DBH-3015T		3	2,2	2"1/2		16,0	15,3	13,8	11,9	9,7	7,1	4,1															240x270x590	33		
DBH-4000T		4	3	3"		21,0	19,5	17,5	15,7	13,5	11,3	8,5	6,3	4,3	2,1													203X203X551	38	
DBH-5000T		5	3,7	3"		34,6	34,0	31,6	28,5	25,3	21,9	18,2	14,3	9,9	5,4													326x326x794	90	
DBH-5005T		5	3,7	3"		26,0	25,5	23,9	21,4	18,8	16,0	12,5	9,0	5,2														235x235x561	46	
DBH-5010T		5	3,7	2"1/2		21,0	21,0	20,1	18,8	17,1	15,1	12,7	10,0	6,8													240x270x590	35		
DBH-5015T		5	3,7	4"		18,4	20,4	19,4	18,3	17,3	16,2	15,1	14,1	13,1	11,9	9,4	6,2	2,6									326x326x794	90		
DBH-5500T		5,5	4	3"		23,3	23,5	22,6	21,5	20,3	18,9	17,4	15,8	14,0	12,1	7,2										240x270x590	40			
DBH-5505T		5,5	4	3"		22,0	21,0	20,2	19,2	17,7	16,4	14,6	12,9	10,3	7,7	2,1											203X203X551	43		
DBH-7000T		7	5,2	4"		34,5	30,1	25,1	20,6	16,4	12,8	9,5															450x470x800	70		
DBH-7005T		7	5,2	4"		23,0	23,3	22,4	21,5	20,5	19,4	18,3	17,0	15,8	14,4	11,8	8,2	4,3	2,1								450x470x800	70		

CONTRACTORS - Heavy Duty Drainage Submersible Dewatering Contractors' Electric Pumps

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																			Pump material	Impeller material	Wear Plate material	Pump identification codes	Ø max solids in susp. Free passage, mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg			
1~ 230V 50Hz	3~ 400V 50Hz				n³/h	0	8	16	24	32	40	48	56	64	72	90	108	126	135	144	162	180	216	252	288									
					l/m	0	133	266	400	533	666	800	933	1066	1200	1500	1800	2100	2250	2400	2700	3000	3600	4200	4800									
DBH-7500T	7,5	5,5	3"		41,6	40,2	37,1	33,7	30,1	26,4	21,8	17,0	12,1	6,5												cast iron	chrome cast iron	rubber coated cast iron	SC	10	20	326x326x794	96	
DBH-7505T	7,5	5,5	4"		37,0	36,3	33,8	31,0	27,5	23,7	19,0	13,9	8,2													stainless steel	chromium steel	stainless steel	S	10	5	286x286x661	76	
DBH-7510T	7,5	5,5	3"		29,0	29,4	28,1	26,6	25,1	23,7	21,9	20,1	18,0	16,0	11,3	6,9										stainless steel	chromium steel	stainless steel	S	10	5	286x286x661	74	
DBH-7515T	7,5	5,5	4"		23,4	25,0	24,2	23,2	22,0	21,0	19,9	18,8	17,6	16,5	13,7	10,4	6,4	4,0								cast iron	chrome cast iron	rubber coated cast iron	SC	10	20	326x326x794	96	
DBH-10A00T	10	7,5	4"		39,0	38,5	37,2	35,6	33,8	31,9	29,9	27,7	24,6	21,2	12,4										stainless steel	chromium steel	stainless steel	S	10	5	286x286x661	78		
DBH-10A05T	10	7,5	4"		40,0	36,1	31,6	27,4	23,5	19,8	16,5														aluminium	cast iron	rubber coated stainless steel	A	6	20	450x470x800	80		
DBH-10A10T	10	7,5	4"		23,0	23,3	22,9	22,4	21,9	21,3	20,8	20,1	19,5	18,8	16,5	13,4	11,3	9,8	8,4	5,7	2,1				aluminium	rubber coated cast iron	rubber coated stainless steel	A	6	20	450x470x800	80		
DBH-10A15T	10	7,5	4"		23,0	23,3	22,4	21,5	20,5	19,4	18,3	17,0	15,8	14,4	11,8	8,2	4,3	2,1							aluminium	rubber coated cast iron	rubber coated stainless steel	A	6	20	450x470x800	80		
DBH-11A00T	11	8,1	4"		50,0	51,3	50,0	47,8	45,5	43,3	40,8	38,1	35,0	31,4	22,2	10,5									cast iron	chrome cast iron	rubber coated cast iron	SC	10	20	404x404x818	150		
DBH-11A05T	11	8,1	6"		27,5	27,8	27,5	27,0	26,3	25,6	24,9	24,1	23,3	22,4	20,0	17,5	15,1	13,7	12,4	9,3	5,3				cast iron	chrome cast iron	rubber coated cast iron	SC	10	20	404x404x818	150		
DBH-11A10T	11	8,1	4"		26,5	26,7	26,1	25,5	24,9	24,2	23,5	22,8	22,0	20,8	18,5	16,0	13,5	12,2	10,3	7,2	3,1				aluminium	stainless steel	rubber coated stainless steel	A	6	20	450x470x800	85		
DBH-14A00T	14	10,4	4"		28,6	28,8	28,3	27,7	27,1	26,4	25,6	24,7	23,8	22,9	20,7	18,2	15,7	14,1	12,5	8,8	4,3				aluminium	stainless steel	rubber coated stainless steel	A	6	20	450x470x800	87		
DBH-15A00T	15	11	4"		60,0	64,5	62,6	60,6	58,4	55,9	53,4	50,5	47,4	44,1	37,1	28,8	18,6	12,4							cast iron	chrome cast iron	rubber coated cast iron	SC	10	20	404x404x818	165		
DBH-15A05T	15	11	6"		34,0		35,3	34,8	34,2	33,4	32,5	31,5	30,6	29,6	27,1	24,6	22,2	21,1	19,8	17,3	14,4	9,0	2,7				cast iron	chrome cast iron	rubber coated cast iron	SC	10	20	404x404x818	165
DBH-30A00T	30	22	150		35,0	33,3	32,7	32,1	31,4	30,8	30,2	29,5	28,9	28,2	26,8	25,3	23,7	23,0	22,2	20,7	19,1	15,9	12,7	9,3	aluminium	stainless steel	rubber coated stainless steel	A	7	20	660x680x850	183		

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- All pumps supplied with 10 mt cable length; other lengths available on request.

- Float switch and/or control box supplied on request.



CE

MADE IN ITALY

VALCO®
International trademark



WASTEWATER SEWAGE NO-CLOG SUBMERSIBLE ELECTRIC PUMPS

Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
A GLOBAL, INNOVATIVE AND COMPETITIVE PUMPING AND MOTORS SOLUTION.

WATER AND PUMPS ARE ESSENTIAL FOR LIFE!

WASTEWATER SEWAGE NO-CLOG SUBMERSIBLE ELECTRIC PUMPS

Applications

Suitable for domestic, residential, industrial, agricultural and civil drainage and wastewater sewage uses: dewatering; sump drainage, effluent and sewage; ponds, construction, mines, reclamation, swimming pools, basements and flooded areas, stormwaters, irrigation, stock breeding, food beverage, for waste, sewage and washwater for single and several households and public buildings, for building sites also partially dry, for continuous and heavy duties for most types of fluids also with bodies in suspension in water treatment plants, brackish waters, dirty waters, sludge, industrial processes, etc.

Innovations and Specialties

Executions **Flame-proof ATEX**  Directive 94/9/EC for equipment intended for use in potentially explosive atmospheres Exd-IIIB-T3-II-2-G.

Low Voltage versions 42V AC following rules CENELEC HD 400.1 for use in installations with safety rules against electrocution.

Intelligent Control Systems: Electric, Electronic Controls Panels also with Variable Speed Inverters, Sensors, Alarm Transmitters and Remote Monitoring.

Executions for construction sites able to withstand limited dry running.

We also supply **Sewage Pumping Lifting Stations** for lifting household waster water.

Coupling Devices

Foot Pedestals and Adapters(outlet bends couplings, inlet bends intake suction curve), Gate Valves and Flange Ball Retaining Valves (Check Non return totally free passage with cover easily removable for plant inspection).

We also supply **Sewage Pumping Lifting Stations** for lifting household waster water.

Voltages

Single Phase: 230 V

Three Phase: 400 V DOL

230/400 V on request

Cycles

50 Hz Standard

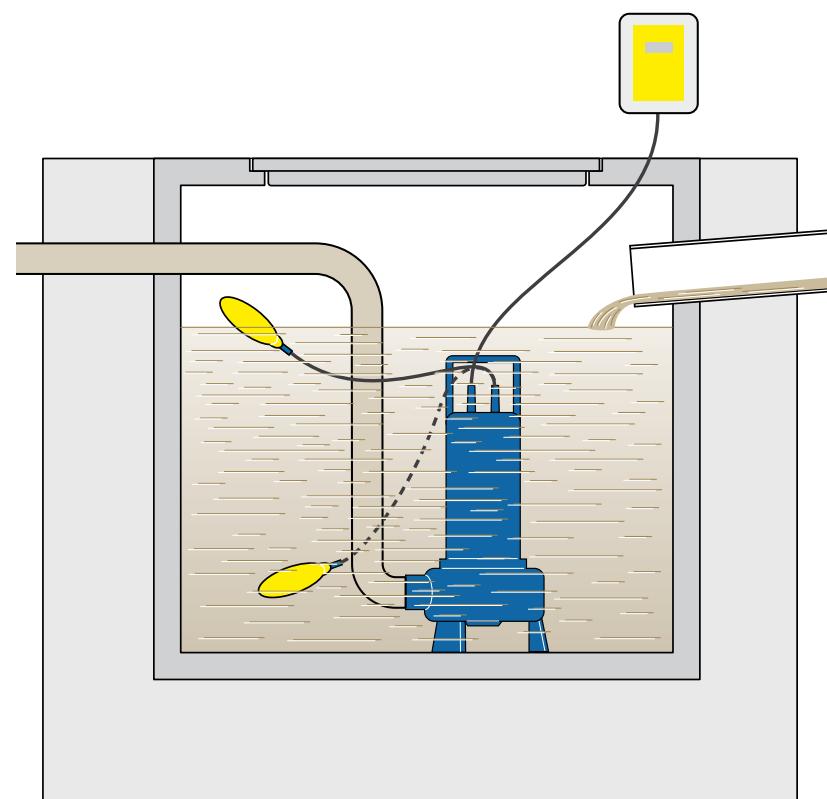
60 Hz available all throughout the range

Energy saving and efficiency

We optimize efficiencies for lower power consumption to suit your specific pumping requirements.

We provide full Technical Service, Spare Parts, Assistance and Aftersale Service and Maintenance through our Valco Distributors' Network and our Valco Service Centres.

Installation scheme



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LIGHT DIRTY WATERS - Dirty Waters Submersible Portable Electric Pumps

Dirty Waters Submersible Portable Electric Pumps made in synthetic corrosion and abrasion-free material, cast iron or in stainless steel, suitable for light dirty waters applications. - *Liqua™*



LEGEND

Pump identification codes:

CV = motor housing and pump body in cast iron, vortex impelle

P = motor housing and pump body in technopolymer

S = motor housing and pump body in stainless steel.

SCV = motor housing in stainless steel and pump body in cast iron, vortex impeller

SU = motor housing and pump body in stainless steel, top delivery

SV = motor housing and pump body in stainless steel, vortex impeller

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																		Pump material	Impeller material	Pump identification codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg			
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	0,6	1,2	1,5	2,4	3	3,6	4,8	6	7,2	9	9,6	12	15	18	24	27	30	36								
		l/m	0	10	20	25	40	50	60	80	100	120	150	160	200	250	300	400	455	500	600											
L400F		0,4	0,3	1'1/4		6,4	6,1	5,9	5,7	5,3	5,0	4,7	3,9	3,1	2,3	1,0									cast iron	cast iron	CV	20	20	151x135x263	9	
	L400T	0,4	0,3	1'1/4		6,4	6,1	5,9	5,7	5,3	5,0	4,7	3,9	3,1	2,3	1,0									cast iron	cast iron	CV	20	20	151x135x263	9	
L500F		0,5	0,37	1"1/2		7,2	7,2	7,0	6,9	6,6	6,4	6,2	5,6	5,2	4,7	3,9	3,7	2,5								cast iron	cast iron	SCV	30	20	190x190x390	11
L505F		0,5	0,37	1"1/4		6,6	6,4	6,2	6,1	5,7	5,5	5,1	4,5	3,8	2,8	1,3									cast iron	cast iron	CV	20	20	151x135x263	9,5	
L600F		0,6	0,45	1"1/2		7,8	7,7	7,6	7,5	7,2	6,9	6,6	6,0	5,2	4,3	3,1	2,8	1,0								cast iron	nylon	CV	30	20	205x144x390	14
L600T		0,6	0,45	1"1/2		7,8	7,7	7,6	7,5	7,2	6,9	6,6	6,0	5,2	4,3	3,1	2,8	1,0								cast iron	nylon	CV	30	20	205x144x390	14
L605F		0,6	0,45	1"1/4		7,2	7,0	6,8	6,7	6,3	6,0	5,7	4,9	4,3	3,6	2,5									stainless steel	stainless steel	SU	20	5	154x154x282	6,5	
L610F		0,6	0,45	1"1/4		6,4	6,1	5,9	5,8	5,5	5,4	5,1	4,6	4,1	3,3	2,1									technopolymer	noryl®	P	30	5	152x145x303	5,2	
L80AF		0,8	0,6	2"		12,3	12,1	11,9	11,8	11,5	11,3	11,1	10,7	10,3	9,9	9,1	8,7	7,5	5,9	4,1					cast iron	cast iron	CV	40	10	203x465x451	23	
L80AT		0,8	0,6	2"		12,3	12,1	11,9	11,8	11,5	11,3	11,1	10,7	10,3	9,9	9,1	8,7	7,5	5,9	4,1					cast iron	cast iron	CV	40	10	203x465x451	22,5	
L800F		0,8	0,6	1"1/2		10,1	9,8	9,6	9,5	9,2	9,0	8,7	8,0	7,3	6,6	5,6	5,2	3,5	1,4						cast iron	nylon	CV	30	20	205x144x390	15,5	
L800T		0,8	0,6	1"1/2		10,1	9,8	9,6	9,5	9,2	9,0	8,7	8,0	7,3	6,6	5,6	5,2	3,5	1,4						cast iron	nylon	CV	30	20	205x144x390	15,5	
L805F		0,8	0,6	2"		9,1	9,0	8,9	8,8	8,5	8,4	8,3	8,1	7,9	7,5	7,0	6,8	6,2	5,2	4,0	1,8				cast iron	nylon	CV	45	20	275x137x412	18	
L805T		0,8	0,6	2"		9,1	9,0	8,9	8,8	8,5	8,4	8,3	8,1	7,9	7,5	7,0	6,8	6,2	5,2	4,0	1,8				cast iron	nylon	CV	45	20	275x137x412	18	
L810F		0,8	0,6	1"1/4		8,8	8,5	8,2	8,1	7,6	7,3	7,1	6,6	6,2	5,6	4,6	4,4	3,3							stainless steel	stainless steel	S	28	5	160x150x325	8	
L815F		0,8	0,6	1"1/2		8,5	8,3	8,1	8,0	7,5	7,2	6,9	6,2	5,5	4,7	3,5	3,1	1,3							cast iron	cast iron	CV	30	20	188x164x317	13	
L815T		0,8	0,6	1"1/2		8,5	8,3	8,1	8,0	7,5	7,2	6,9	6,2	5,5	4,7	3,5	3,1	1,3							cast iron	cast iron	CV	30	20	188x164x317	13	
L820F		0,8	0,6	1"1/4		8,5	8,3	8,0	7,8	7,1	6,6	6,3	5,6	4,9	4,7	4,2	3,8	2,2							technopolymer	stainless steel	P	34	5	152x145x347	7	
L825F		0,8	0,6	1"1/2		8,3	8,2	8,1	8,0	7,8	7,7	7,5	7,2	6,8	6,4	5,8	5,6	4,5	3,1						cast iron	cast iron	SCV	30	20	190x190x390	11	
L830F		0,8	0,6	1"1/2		7,6	7,4	7,2	7,1	6,7	6,5	6,3	5,9	5,6	5,2	4,6	4,4	3,6							stainless steel	stainless steel	SV	28	5	183x160x395	10	
L830T		0,8	0,6	1"1/2		7,6	7,4	7,2	7,1	6,7	6,5	6,3	5,9	5,6	5,2	4,6	4,4	3,6							stainless steel	stainless steel	SV	28	5	183x160x395	10	
L835F		0,8	0,6	2"		7,6	7,4	7,2	7,1	6,7	6,5	6,3	5,9	5,6	5,2	4,6	4,4	3,6							stainless steel	stainless steel	SV	29	5	183x160x395	10	
L835T		0,8	0,6	2"		7,6	7,4	7,2	7,1	6,7	6,5	6,3	5,9	5,6	5,2	4,6	4,4	3,6							stainless steel	stainless steel	SV	29	5	183x160x395	10	
L840F		0,8	0,6	2"		6,7	6,2	6,1	5,7	5,5	5,2	4,6	4,1	3,7	3,1	2,9	2,3	1,6	1,0						cast iron	cast iron	CV	40	20	210x170x345	14	
L840T		0,8	0,6	2"		6,7	6,2	6,1	5,7	5,5	5,2	4,6	4,1	3,7	3,1	2,9	2,3	1,6	1,0						cast iron	cast iron	CV	40	20	210x170x345	14	
L845F		0,8	0,6	1"1/4		5,6	5,3	5,0	4,9	4,6	4,3	4,0	3,5	3,0	2,6	1,8								technopolymer	noryl®	P	15	5	176x176x331	8,5		
L845T		0,8	0,6	1"1/4		5,6	5,3	5,0	4,9	4,6	4,3	4,0	3,5	3,0	2,6	1,8								technopolymer	noryl®	P	15	5	176x176x331	8,5		
L1000F		1	0,75	1"1/2		10,7	10,6	10,4	10,3	9,9	9,6	9,2	8,5	7,7	7,0	5,9	5,4	3,7	1,4						cast iron	cast iron	CV	30	20	188x164x317	14	
L1000T		1	0,75	1"1/2		10,7	10,6	10,4	10,3	9,9	9,6	9,2	8,5	7,7	7,0	5,9	5,4	3,7	1,4						cast iron	cast iron	CV	30	20	188x164x317	14	

LIGHT DIRTY WATERS - Dirty Waters Submersible Portable Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	DNm Ø	Q = Performance at 2900 rpm																		Pump material	Impeller material	Pump identification codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg
m³/h	l/m	0	0,6	1,2	1,5	2,4	3	3,6	4,8	6	7,2	9	9,6	12	15	18	24	27	30	36									
L1005F		1	0,75	1"1/2																			stainless steel	stainless steel	SV	28	5	183x160x395	11,5
	L1005T	1	0,75	1"1/2																			stainless steel	stainless steel	SV	28	5	183x160x395	11,5
L1010F		1	0,75	2"																			stainless steel	stainless steel	SV	29	5	183x160x395	11,5
	L1010T	1	0,75	2"																			stainless steel	stainless steel	SV	29	5	183x160x395	11,5
L1015F		1	0,75	1"1/2																			cast iron	cast iron	SCV	30	20	190x190x390	12
	L1015T	1	0,75	1"1/2																			cast iron	cast iron	SCV	30	20	190x190x390	12
L1020F		1	0,75	2"																			cast iron	cast iron	SCV	35	20	247x247x460	17
	L1020T	1	0,75	2"																			cast iron	cast iron	SCV	35	20	247x247x460	17
L1025F		1	0,75	1"1/4																			technopolymer	noryl®	P	15	5	176x176x331	10
	L1025T	1	0,75	1"1/4																			technopolymer	noryl®	P	15	5	176x176x331	10
L1030F		1	0,75	2"																			cast iron	cast iron	CV	40	20	210x170x345	15
	L1030T	1	0,75	2"																			cast iron	cast iron	CV	40	20	210x170x345	15
L120AF		1,2	0,9	2"																			cast iron	cast iron	CV	40	10	203x465x451	24
	L120AT	1,2	0,9	2"																			cast iron	cast iron	CV	40	10	203x465x451	24
L1200F		1,2	0,9	2"																			cast iron	cast iron	SCV	35	20	247x247x460	17
	L1200T	1,2	0,9	2"																			cast iron	cast iron	SCV	35	20	247x247x460	17
L1205F		1,2	0,9	2"																			cast iron	nylon	CV	45	20	275x137x412	19
	L1205T	1,2	0,9	2"																			cast iron	nylon	CV	45	20	275x137x412	19
L1210F		1,2	0,9	2"																			cast iron	cast iron	SCV	50	20	241x241x475	18
	L1210T	1,2	0,9	2"																			cast iron	cast iron	SCV	50	20	241x241x475	18
L1215F		1,2	0,9	1"1/4																			stainless steel	stainless steel	S	28	5	160x150x325	8
	L1220F	1,2	0,9	1"1/4																			technopolymer	stainless steel	P	34	5	152x145x347	8
	L1500T	1,5	1,1	2"																			cast iron	nylon	CV	45	20	275x137x412	20
L1505F		1,5	1,1	2"																			cast iron	cast iron	CV	40	20	210x170x391	20
	L1505T	1,5	1,1	2"																			cast iron	cast iron	CV	40	20	210x170x391	20
L1510F		1,5	1,1	2"																			cast iron	nylon	CV	45	20	275x137x412	19
	L1510T	1,5	1,1	2"																			cast iron	nylon	CV	45	20	275x137x412	19
L1515F		1,5	1,1	2"																			cast iron	cast iron	CV	50	20	210x170x391	20
	L1515T	1,5	1,1	2"																			cast iron	cast iron	CV	50	20	210x170x391	20
L2000F		2	1,5	2"																			cast iron	cast iron	CV	40	20	210x170x391	22
	L2000T	2	1,5	2"																			cast iron	cast iron	CV	40	20	210x170x391	22
L2005F		2	1,5	1"1/4																			stainless steel	stainless steel	S	50	5	205x205x400	13
	L2010F	2	1,5	2"																			cast iron	cast iron	CV	50	20	210x170x391	22
	L2010T	2	1,5	2"																			cast iron	cast iron	CV	50	20	210x170x391	22
L2015F		2	1,5	2"																			cast iron	cast iron	SCV	50	20	241x180x470	19
	L2015T	2	1,5	2"																			cast iron	cast iron	SCV	50	20	241x180x470	19

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

- All 1 phase models supplied with float switch.

- All pumps supplied with 5 mt cable length; other lengths available on request.

- L605F available execution in Stainless Steel AISI 316 on request.

- All models supplied in execution with bottom delivery, model L605F excluded.

- L400F, L400T, L505F, L505T, L815F, L815T, L840F, L840T, L1000F, L1000T, L1030F, L1030T, L1505F, L1505T, L1515F, L1515T, L2000F, L200T, L2010F, L2010T available also in execution with top delivery.

VORTEX - Sewage Wastewater Submersible Electric Pumps

Sewage Wastewater Submersible Electric Pumps with Vortex Impellers, heavy duty, made in cast iron or stainless steel, non-clogging, suitable for dirty liquids containing large solids and/or fibrous materials.- *Liqua™*

LEGEND

Pump identification codes:

CV = motor housing and pump body in cast iron, vortex impeller.

SCV = motor housing in stainless steel and pump body in cast iron, vortex impeller.

SV = motor housing and pump body in stainless steel, vortex impeller.



TYPES		HP	kW	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg
1~ 230V 50Hz	3~ 400V 50Hz					m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400					
						l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667					
LV400		0,4	0,3	2	1"1/4		8,0	6,9	5,9	3,1																				cast iron	cast iron	SCV	30	20	185x185x360	11
LV700		0,7	0,5	2	40		8,3	7,0	6,1	3,7																				cast iron	cast iron	CV	30	20	190x134x346	14
LV700T		0,7	0,5	2	40		7,8	7,0	6,1	3,7																				cast iron	cast iron	CV	30	20	190x134x346	14
LV80A		0,8	0,6	2	1"1/2		12,4	11,5	10,7	8,2	5,9	3,2																	cast iron	cast iron	CV	40	10	203x165x451	23	
LV80AT		0,8	0,6	2	1"1/2		12,4	11,5	10,7	8,2	5,9	3,2																	cast iron	cast iron	CV	40	10	203x165x451	22,5	
LV800		0,8	0,6	2	1"1/2		11,3	10,4	9,4	7,6	5,6	3,0																cast iron	cast iron	CV	38	20	180x155x365	17		
LV800T		0,8	0,6	2	1"1/2		11,3	10,4	9,4	7,6	5,6	3,0																cast iron	cast iron	CV	38	20	180x155x365	17		
LV805		0,8	0,6	2	1"1/2		9,0	8,0	6,9	4,5	1,8																	stainless steel	stainless steel	SV	40	5	176x214x358	10,5		
LV805T		0,8	0,6	2	1"1/2		9,0	8,0	6,9	4,5	1,8																	stainless steel	stainless steel	SV	40	5	176x214x358	10,5		
LV810		0,8	0,6	2	1"1/2		8,6	7,7	6,9	5,6	3,8																	cast iron	stainless steel	SCV	35	5	230x230x410	12		
LV810T		0,8	0,6	2	1"1/2		8,6	7,7	6,9	5,6	3,8																	cast iron	stainless steel	SCV	35	5	230x230x410	12		
LV815		0,8	0,6	2	2"		8,6	7,7	6,9	5,6	3,8																	cast iron	stainless steel	SCV	35	5	230x230x410	12		
LV815T		0,8	0,6	2	2"		8,6	7,7	6,9	5,6	3,8																	cast iron	stainless steel	SCV	35	5	230x230x410	12		
LV820		0,8	0,6	2	2"		7,4	6,4	5,5	3,8	2,3																	cast iron	stainless steel	SCV	35	5	274x153x367	14		
LV825		0,8	0,6	2	1"1/2		7,8	6,4	5,4	3,5	1,8																	cast iron	stainless steel	SCV	35	5	150x232x372,5	12		
LV825T		0,8	0,6	2	1"1/2		7,8	6,4	5,4	3,5	1,8																cast iron	stainless steel	SCV	35	5	150x232x372,5	12			
LV830		0,8	0,6	2	1"1/2		6,7	4,8	3,7	1,3																		cast iron	stainless steel	SCV	30	5	150x232x360,5	11		
LV835-6		0,8	0,6	6	2"G		3,7	3,2	3,0	2,5	1,9	1,2															cast iron	cast iron	CV	45	20	230x223x450	25			
LV835-6T		0,8	0,6	6	2"G		3,7	3,2	3,0	2,5	1,9	1,2															cast iron	cast iron	CV	45	20	230x223x450	25			
LV1000		1	0,75	2	1"1/2		15,1	13,5	12,1	9,9	7,7	4,7															cast iron	cast iron	CV	38	20	180x155x365	18			
LV1000T		1	0,75	2	1"1/2		15,1	13,5	12,1	9,9	7,7	4,7															cast iron	cast iron	CV	38	20	180x155x365	18			

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg
m³/h	l/m	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400										
LV1005		1	0,75	2	2"G	12,3	11,4	10,7	9,0	7,3	5,8	2,7																	cast iron	cast iron	CV	45	20	230x223x450	27	
	LV1005T	1	0,75	2	2"G	12,3	11,4	10,7	9,0	7,3	5,8	2,7																	cast iron	cast iron	CV	45	20	230x223x450	25	
LV1010		1	0,75	2	65	9,8	10,0	9,8	9,0	8,1	7,1	5,4	3,1																cast iron	cast iron	CV	62	20	220x260x520	39	
LV1015		1	0,75	2	2"	10,8	9,9	9,0	7,3	5,3	3,1																		stainless steel	stainless steel	SV	50	5	176x214x358	11,5	
	LV1015T	1	0,75	2	2"	10,8	9,9	9,0	7,3	5,3	3,1																		stainless steel	stainless steel	SV	50	5	176x214x358	11,5	
LV1020		1	0,75	2	1"1/2	10,7	9,8	9,2	8,1	6,8	5,2																	cast iron	stainless steel	SCV	35	5	230x230x410	13,5		
	LV1020T	1	0,75	2	1"1/2	10,7	9,8	9,2	8,1	6,8	5,2																	cast iron	stainless steel	SCV	35	5	230x230x410	13,5		
LV1025		1	0,75	2	2"	10,7	9,8	9,2	8,1	6,8	5,2																	cast iron	stainless steel	SCV	35	5	230x230x410	13,5		
	LV1025T	1	0,75	2	2"	10,7	9,8	9,2	8,1	6,8	5,2																	cast iron	stainless steel	SCV	35	5	230x230x410	13,5		
LV1026		1	0,8	2	2"	9,6	9,2	8,8	7,3	5,5	3,7																	cast iron	cast iron	CV	48	10	279x226x467	33,7		
	LV1026T	1	0,8	2	2"	9,6	9,2	8,8	7,3	5,5	3,7																	cast iron	cast iron	CV	48	10	279x226x468	33,7		
LV1030		1	0,75	2	2"	8,8	7,8	7,3	5,9	4,3	2,6																	cast iron	stainless steel	SCV	50	5	150x232x385,5	13		
	LV1030T	1	0,75	2	2"	8,8	7,8	7,3	5,9	4,3	2,6																	cast iron	stainless steel	SCV	50	5	150x232x385,5	13		
LV1035		1	0,75	2	65	8,0	7,6	7,3	6,6	5,7	4,8	3,3	1,8															cast iron	cast iron	CV	55	20	290x240x487	33		
	LV1035T	1	0,75	2	65	8,0	7,6	7,3	6,6	5,7	4,8	3,3	1,8														cast iron	cast iron	CV	55	20	290x240x487	33			
LV1040		1	0,75	2	50	7,8	7,5	7,1	6,1	4,8	3,6																cast iron	cast iron	CV	42	20	300x246x457	31,5			
	LV1040T	1	0,75	2	50	7,8	7,5	7,1	6,1	4,8	3,6																cast iron	cast iron	CV	42	20	300x246x457	31,5			
LV1045		1	0,75	2	2"	8,3	7,1	6,3	4,6	3,3	1,4																cast iron	stainless steel	SCV	50	5	274x153x367	16			
	LV1050-4	1	0,75	4	2"	6,8	6,6	6,4	5,7	4,8	3,6																cast iron	cast iron	CV	40	20	260x230x450	29			
	LV1050-4T	1	0,75	4	2"	6,8	6,6	6,4	5,7	4,8	3,6																cast iron	cast iron	CV	40	20	260x230x450	29			
LV1055-4		1	0,75	4	2"G	6,7	6,2	5,9	5,3	4,5	3,6	1,7														cast iron	cast iron	CV	45	20	230x223x450	26				
	LV1055-4T	1	0,75	4	2"G	6,7	6,2	5,9	5,3	4,5	3,6	1,7														cast iron	cast iron	CV	45	20	230x223x450	26				
LV1060-4		1	0,75	4	65	6,3	6,2	5,9	5,7	5,3	4,6	2,1														cast iron	cast iron	CV	62	20	220x260x520	40				
	LV1060-4T	1	0,75	4	65	6,1	6,0	5,8	5,6	5,2	4,4	2,1														cast iron	cast iron	CV	62	20	220x260x520	40				
LV1065-4		1	0,75	4	65	6,1	5,9	5,8	5,4	5,0	4,3	2,8														cast iron	cast iron	CV	55	20	290x240x487	33				
	LV1065-4T	1	0,75	4	65	6,1	5,9	5,8	5,4	5,0	4,3	2,8														cast iron	cast iron	CV	55	20	290x240x487	33				
LV1070-4		1	0,75	4	80	6,0																					cast iron	cast iron	CV	60	20	375x375x555	39			
	LV1070-4T	1	0,75	4	80	6,0																					cast iron	cast iron	CV	60	20	375x375x555	39			
LV120A		1,2	0,9	2	1"1/2	15,0	14,2	13,2	10,9	8,1	4,8															cast iron	cast iron	CV	40	10	203x165x451	24				
	LV120AT	1,2	0,9	2	1"1/2	15,0	14,2	13,2	10,9	8,1	4,8															cast iron	cast iron	CV	40	10	203x165x451	24				
LV1200		1,2	0,9	2	2"	12,5	11,7	11,0	9,4	7,5	5,3															cast iron	cast iron	CV	40	20	260x230x450	29				
	LV1200T	1,2	0,9	2	2"	12,5	11,7	11,0	9,4	7,5	5,3															cast iron	cast iron	CV	40	20	260x230x450	29				
LV1205-6T	1,2	0,9	6	65	5,4	5,3	5,2	5,0	4,7	4,3	3,3	2,3	1,3													cast iron	cast iron	CV	60	20	335x270x530	45				
LV1210-6T	1,2	0,9	6	50	5,0	4,8	4,7	4,3	3,9	3,4	2,3	0,9														cast iron	cast iron	CV	45	20	280x240x505	40				
LV1215-6T	1,2	0,9	6	80	4,9	4,8	4,7	4,5	4,2	3,9	3,2	2,5	1,7													cast iron	cast iron	CV	80	20	320x270x550	45				
LV1300-4		1,35	1	4	65	8,3	7,7	7,4	6,8	6,1	5,4	3,8	2,0													cast iron	cast iron	CV	50	20	310x260x556	42				
	LV1300-4T	1,35	1	4	65	8,3	7,7	7,4	6,8	6,1	5,4	3,8	2,0													cast iron	cast iron	CV	50	20	310x260x556	42				
LV1500		1,5	1,1	2	2"G	14,7	13,8	13,3	11,7	9,5	7,8	4,9														cast iron	cast iron	CV	45	20	230x223x450	27				
	LV1500T	1,5	1,1	2	2"G	14,7	13,8	13,3	11,7	9,5	7,8	4,9														cast iron	cast iron	CV	45	20	230x223x450	27				
LV1505		1,5	1,1	2	2"	13,3	12,6	11,8	10,1	8,4	6,6	2,7														cast iron	cast iron	CV	40	20	260x230x450	29				
	LV1505T	1,5	1,1	2	2"	13,3	12,6	11,8	10,1	8,4	6,6	2,7														cast iron	cast iron	CV	40	20	260x230x450	29				
LV1510		1,5	1,1	2	2"G	12,2	11,4	10,9	9,6	8,0	6,3	2,5														cast iron	cast iron	SCV	50	20	260x260x460	20				
	LV1510T	1,5	1,1	2	2"G	12,2	11,4	10,9	9,6	8,0	6,3	2,5														cast iron	cast iron	SCV	50	20	260x260x460	20				
	LV1																																			

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP	kW	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg		
1~ 230V 50Hz	3~ 400V 50Hz					m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400							
						l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667							
LV1521		1,5	1,1	2	2"1/2	11,2	10,9	10,3	9,3	8,1	6,7	4,1	1,8																		cast iron	cast iron	CV	65	10	344x260x565	55	
LV1521T		1,5	1,1	2	2"1/2	11,2	10,9	10,3	9,3	8,1	6,7	4,1	1,8																		cast iron	cast iron	CV	65	10	344x260x565	55	
LV1525		1,5	1,1	2	2"	13,0	10,9	8,9	6,8	4,5																						stainless steel	stainless steel	SV	50	5	176x214x358	13,5
LV1525T		1,5	1,1	2	2"	13,0	10,9	8,9	6,8	4,5																						stainless steel	stainless steel	SV	50	5	176x214x358	13,5
LV1530		1,5	1,1	2	50	11,4	10,9	10,3	8,7	7,1	5,4	2,1																			cast iron	cast iron	CV	42	20	300x246x457	31,5	
LV1530T		1,5	1,1	2	50	11,4	10,9	10,3	8,7	7,1	5,4	2,1																		cast iron	cast iron	CV	42	20	300x246x457	31,5		
LV1531		1,5	1,1	2	2"	11,0	10,3	9,9	8,9	7,5	5,7	2,7																		cast iron	cast iron	CV	48	10	279x226x469	35		
LV1531T		1,5	1,1	2	2"	11,0	10,3	9,9	8,9	7,5	5,7	2,7																	cast iron	cast iron	CV	48	10	279x226x470	35			
LV1535		1,5	1,1	2	65	10,3	9,9	9,6	8,8	7,7	6,5	4,4	2,7																	cast iron	cast iron	CV	55	20	290x240x487	33		
LV1535T		1,5	1,1	2	65	10,3	9,9	9,6	8,8	7,7	6,5	4,4	2,7																cast iron	cast iron	CV	55	20	290x240x487	33			
LV1540		1,5	1,1	2	2"	11,5	9,6	8,0	6,6	4,9																				cast iron	stainless steel	SCV	50	5	150x232x395,5	15		
LV1540T		1,5	1,1	2	2"	11,5	9,6	8,0	6,6	4,9																			cast iron	stainless steel	SCV	50	5	150x232x395,5	15			
LV1541-4		1,5	1,1	4	2"1/2	9,5	9,1	8,9	8,3	7,7	7,0	4,9	2,5																cast iron	cast iron	CV	65	10	344x260x565	58			
LV1541-4T		1,5	1,1	4	2"1/2	9,5	9,1	8,9	8,3	7,7	7,0	4,9	2,5															cast iron	cast iron	CV	65	10	344x260x565	58				
LV1550-4T		1,5	1,1	4	65	8,8	8,8	8,7	8,3	7,8	7,2	5,7	4,3															cast iron	cast iron	CV	62	20	220x260x520	42				
LV1551-4T		1,5	1,1	4	3"	9,0	8,8	8,2	7,6	6,9	5,3	3,7	2,1															cast iron	cast iron	CV	80	10	401x321x565	70				
LV1555		1,5	1,1	2	65	8,8	8,5	8,2	7,3	6,4	5,5	3,7	1,9															cast iron	cast iron	CV	50	20	300x205x550	40				
LV1555T		1,5	1,1	2	65	8,8	8,5	8,2	7,3	6,4	5,5	3,7	1,9															cast iron	cast iron	CV	50	20	300x205x550	40				
LV1560		1,5	1,1	2	50	9,2	8,4	7,7	6,2	4,6	3,0																	cast iron	cast iron	CV	48	20	268x180x536	43				
LV1560T		1,5	1,1	2	50	9,2	8,4	7,7	6,2	4,6	3,0																	cast iron	cast iron	CV	48	20	268x180x536	43				
LV1565-4		1,5	1,1	4	80	8,5		7,7	7,3	6,8	5,5	3,6																cast iron	cast iron	CV	60	20	375x375x555	40				
LV1565-4T		1,5	1,1	4	80	8,5		7,7	7,3	6,8	5,5	3,6															cast iron	cast iron	CV	60	20	375x375x555	40					
LV1566-4T		1,5	1,1	4	2"	7,7	7,4	7,1	6,3	5,4	4,4	2,2															cast iron	cast iron	CV	48	10	279x226x471	37,7					
LV1570-4		1,5	1,1	4	2"	7,6	7,4	7,2	6,7	6,1	5,5	3,9	2,0														cast iron	cast iron	CV	50	20	270x230x480	35					
LV1570-4T		1,5	1,1	4	2"	7,6	7,4	7,2	6,7	6,1	5,5	3,9	2,0														cast iron	cast iron	CV	50	20	270x230x480	35					
LV1575-6T		1,5	1,1	6	50	7,4	7,1	6,8	6,3	5,7	5,0	3,5	1,8														cast iron	cast iron	CV	50	20	365x300x590	56					
LV1580-6T		1,5	1,1	6	80	6,3	6,3	6,2	6,1	6,0	5,9	5,5	5,0	4,4	2,7												cast iron	cast iron	CV	75	20	365x300x580	60					
LV1585-4T		1,5	1,1	4	50	6,4	6,2	6,0	5,5	4,8	4,1																cast iron	cast iron	CV	42	20	300x246x457	31,5					
LV1590-6T		1,5	1,1	6	50	6,1	5,8	5,5	5,0	4,4	3,7	2,2															cast iron	cast iron	CV	50	20	365x300x590	56					
LV1595-6T		1,5	1,1	6	65	5,7	5,6	5,4	5,0	4,7	4,2	3,3	2,3	1,2													cast iron	cast iron	CV	60	20	365x300x550	54					
LV15100-6T		1,5	1,1	6	80	4,9	4,8	4,6	4,4	4,2	3,7	3,2	2,6														cast iron	cast iron	CV	80	20	456x323x693	93					
LV1600-4		1,6	1,2	4	80	8,4	8,0	7,8	7,4	6,9	6,4	5,4	4,3	3,0													cast iron	cast iron	CV	50	20	332x264x670	47					
LV1600-4T		1,6	1,2	4	80	8,4	8,0	7,8	7,4	6,9	6,4	5,4	4,3	3,0													cast iron	cast iron	CV	50	20	332x264x670	47					
LV2000T		2	1,5	2	2"G	17,2	16,3	15,7	14,0	11,8	10,0	6,4															cast iron	cast iron	CV	45	20	230x223x450	27					
LV2005		2	1,5	2	2"G	14,9	14,3	13,9	12,8	11,5	10,1	6,9	3,4														cast iron	cast iron	SCV	50	20	260x260x480	22					
LV2005T		2	1,5	2	2"G	14,9	14,3	13,9	12,8	11,5	10,1	6,9	3,4														cast iron	cast iron	SCV	50	20	260x260x480	22					
LV2010		2	1,5	2	2"	13,7	13,0	12,3	11,0	9,8	8,6	5,3															cast iron	cast iron	CV	50	20	270x230x480	35					
LV2010T		2	1,5	2	2"	13,7	13,0	12,3	11,0	9,8	8,6	5,3															cast iron	cast iron	CV	50	20	270x230x480	35					
LV2015-4T		2	1,5	4	50	12,7	12,4	12,1	11,4	10,7	10,0	8,4	6,5	4,2													cast iron	cast iron	CV	50	20	365x300x590	56					
LV2020T		2	1,5	2	2"	14,3	12,4	10,4	8,3	6,0																		stainless steel	stainless steel	SV	50	5	176x214x358	13,5				
LV2025T		2	1,5	2	2"	13,3	11,8	10,4	8,8																													

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP	kW	pole	DNm Ø	Q = Performance																						Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg				
1~ 230V 50Hz	3~ 400V 50Hz					m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400							
						l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667							
LV2045-4T	2	1,5	4	80		11,3		10,3	9,7	9,0	7,2	6,1	4,6																			cast iron	cast iron	CV	60	20	375x375x555	42
LV2050		2	1,5	2	65	10,7	10,3	9,9	9,0	7,8	6,8	4,7	3,1																		cast iron	cast iron	CV	50	20	300x205x550	41	
LV2050T		2	1,5	2	65	10,7	10,3	9,9	9,0	7,8	6,8	4,7	3,1																	cast iron	cast iron	CV	50	20	300x205x550	41		
LV2051-4T		2	1,5	4	3"	9,8	9,7	9,3	8,8	8,1	6,7	5,0	3,5																	cast iron	cast iron	CV	80	10	401x321x565	74		
LV2055-4		2	1,5	4	65	9,4	9,2	9,1	8,7	8,3	7,9	6,9	5,7	4,4																cast iron	cast iron	CV	60	20	335x270x530	45		
LV2055-4T		2	1,5	4	65	9,4	9,2	9,1	8,7	8,3	7,9	6,9	5,7	4,4															cast iron	cast iron	CV	60	20	335x270x530	45			
LV2060-4T		2	1,5	4	65	9,2	8,9	8,6	8,1	7,6	7,1	6,2	5,2	4,0	1,5														cast iron	cast iron	CV	60	20	372x301x515	67			
LV2065-4T		2	1,5	4	100	8,9		8,7	8,4	8,2	7,7	7,1	6,5	4,9	4,2	3,0													cast iron	cast iron	CV	50	20	415x315x690	68,5			
LV2070-4		2	1,5	4	65	8,5	8,3	8,2	7,9	7,5	7,1	6,0	4,8	3,5														cast iron	cast iron	CV	60	20	335x270x530	45				
LV2070-4T		2	1,5	4	65	8,5	8,3	8,2	7,9	7,5	7,1	6,0	4,8	3,5													cast iron	cast iron	CV	60	20	335x270x530	45					
LV2075-4T		2	1,5	4	80	8,7		8,0	7,7	7,3	6,5	5,7	4,7	2,5													cast iron	cast iron	CV	80	20	394x310x650	62					
LV2080-6T		2	1,5	6	80	7,3	7,2	7,2	7,1	7,0	6,9	6,5	6,0	5,4	3,7												cast iron	cast iron	CV	75	20	365x300x580	60					
LV2085-4T		2	1,5	4	100	7,6		7,2	7,0	6,7	6,2	5,7	4,9	3,6	2,9												cast iron	cast iron	CV	90	20	394x310x650	64					
LV2090-4		2	1,5	4	80	7,1	7,0	6,9	6,6	6,3	6,0	5,3	4,4	3,4												cast iron	cast iron	CV	80	20	320x270x550	45						
LV2090-4T		2	1,5	4	80	7,1	7,0	6,9	6,6	6,3	6,0	5,3	4,4	3,4												cast iron	cast iron	CV	80	20	320x270x550	45						
LV2095-6T		2	1,5	6	100	7,0	7,0	6,9	6,7	6,5	6,3	6,0	5,5	5,1	4,1	3,7	3,0	2,5								cast iron	cast iron	CV	90	20	380x322x600	70						
LV2100-6T		2	1,5	6	80	6,8	6,7	6,7	6,6	6,4	6,2	5,7	5,0	4,4	3,1	2,6										cast iron	cast iron	CV	80	20	456x323x693	94						
LV2105-6T		2	1,5	6	100	6,8	6,7	6,7	6,5	6,4	6,2	5,9	5,5	5,1	4,2	3,8	3,1	2,6								cast iron	cast iron	CV	85	20	400x322x710	78						
LV2110-6T		2	1,5	6	65	6,8	6,7	6,5	6,1	5,8	5,3	4,4	3,4	2,3												cast iron	cast iron	CV	60	20	365x300x550	54						
LV2115-6T		2	1,5	6	100	6,3	6,2	6,2	6,0	5,8	5,6	5,3	4,8	4,4	3,4											cast iron	cast iron	CV	90	20	380x322x600	70						
LV2120-6T		2	1,5	6	100	6,3	6,2	6,1	5,9	5,8	5,6	5,3	4,9	4,4	3,5	3,1	2,4	1,8								cast iron	cast iron	CV	85	20	400x322x710	78						
LV2125-6T		2	1,5	6	80	5,9	5,8	5,8	5,7	5,5	5,3	4,7	4,2	3,6	2,3											cast iron	cast iron	CV	80	20	456x323x693	93						
LV2130-6T		2	1,5	6	100	5,8	5,7	5,7	5,5	5,3	5,1	4,8	4,3	3,9	2,9											cast iron	cast iron	CV	90	20	380x322x600	70						
LV2135-6T		2	1,5	6	100	5,8	5,7	5,6	5,4	5,3	5,1	4,8	4,4	3,9	3,0	2,6	1,9	1,3								cast iron	cast iron	CV	85	20	400x322x710	78						
LV2140-4T		2	1,5	4	80	5,2	5,2	5,0	4,8	4,5	4,2	2,9														cast iron	cast iron	CV	80	20	295x295x620	68						
LV2500T		2,5	1,8	2	65	16,2	16,0	15,6	14,4	13,1	11,7	8,2	4,8														cast iron	cast iron	CV	62	20	220x260x520	40					
LV2501T		2,5	1,8	2	2"	15,7	14,9	14,3	12,9	11,6	10,1	6,3	2,5													cast iron	cast iron	CV	48	10	279x226x472	35,7						
LV2505T		2,5	1,8	2	50	15,2	14,8	14,3	12,9	11,2	9,4	5,7	1,9													cast iron	cast iron	CV	42	20	300x246x457	33						
LV2506T		2,5	1,8	2	2"1/2	15,2	14,6	13,1	11,6	10,2	7,3	4,3	1,3													cast iron	cast iron	CV	65	10	344x260x565	57						
LV2510-4T		2,5	1,8	4	50	14,2	13,9	13,6	12,9	12,2	11,5	9,9	8,0	5,7	1,5											cast iron	cast iron	CV	50	20	365x300x590	56						
LV2515		2,5	1,8	2	50	12,4	11,8	11,2	10,0	8,6	7,0	3,7														cast iron	cast iron	CV	50	20	268x224x544	43						
LV2520T		2,5	1,8	2	65	11,1	10,9	10,6	10,1	9,4	8,7	7,1	5,5	3,6												cast iron	cast iron	CV	65	20	372x301x515	67						
LV2525-4T		2,5	1,8	4	80	10,9	10,7	10,6	10,4	10,1	9,7	9,0	8,2	7,2	4,9										cast iron	cast iron	CV	75	20	365x300x580	56							
LV2530-4T		2,5	1,8	4	65	10,6	10,5	10,4	10,1	9,7	9,3	8,3	7,1	5,7											cast iron	cast iron	CV	60	20	335x270x530	45							
LV2535-4T		2,5	1,8	4	65	10,4	10,3	10,1	9,7	9,3	8,9	7,9	6,9	5,8	3,4										cast iron	cast iron	CV	60	20	372x301x515	67							
LV2540-4T		2,5	1,8	4	100	10,3	10,1	10,0	9,8	9,6	9,4	8,9	8,3	7,7	6,1	5,4	4,2	3,1							cast iron	cast iron	CV	90	20	400x322x710	75							
LV2545-4T		2,5	1,8	4	65	10,3	10,1	9,9	9,6	9,4	8,9	8,3	7,7	6,1	5,4	4,2	3,1								cast iron	cast iron	CV	60	20	365x300x550	50							
LV2550-4T		2,5	1,8	4	80	10,0	9,8	9,7	9,4	9,1	8,7	8,0	7,1	6,1	3,8	2,7									cast iron	cast iron	CV	70	20	365x300x700	65							
LV2555-4T		2,5	1,8	4	80	10,0	9,8	9,7	9,5	9,2	8,9	8,1	7,3	6,3	3,9										cast iron	cast iron	CV	75	20	365x300x580	56							
LV2556-4T		2,5	1,8	4	2"1/2	10,0	9,7	9,0	8,3	7,6	5,8	3,3													cast iron	cast iron	CV	65	10	344x260x565	62							
LV2560-4T		2,5	1,8	4	65	9,3	9,2	9,0	8,7	8,3	7,9	6,7	4,7	2,9											cast iron	cast iron	CV	62	20	220x260x520	46							
LV2565-4T		2,5	1,8	4	100	9,0	9,0	8,9	8,8	8,6	8,0	7,5	6,9	5,3	4,6	3,4	2,3								cast iron	cast iron	CV	90	20	380x322x600	66							
LV2570		2,5	1,8	2	80	9,0	8,8	8,4	7,7	7,0	6,2	4,7	3,3	1,8											cast iron	cast iron	CV	60	20	332x264x673	40							
LV2575-4T		2,5	1,8	4	80	8,3	8,2	8,0	7,7	7,4	7,0	6,2	5,3	4,4											cast iron	cast iron	CV	80	20	320x270x550	45							

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg
m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400											
l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667											
LV2580-6T	2,5	1,8	6	80	7,6	7,6	7,5	7,4	7,2	7,0	6,5	6,0	5,4	3,8	3,2	2,4												cast iron	cast iron	CV	80	20	456x323x723	104		
LV3000T	3	2,2	2	2" G	19,8	19,3	18,9	17,8	16,4	14,8	11,3	7,3																cast iron	cast iron	SCV	45	20	260x260x500	25		
LV3005T	3	2,2	2	65	18,5	18,3	17,8	16,7	15,3	13,9	10,7	7,2	2,8															cast iron	cast iron	CV	62	20	220x260x520	48		
LV3010T	3	2,2	2	50	18,7	18,3	17,5	15,7	13,8	11,8	7,2	2,3																cast iron	cast iron	CV	42	20	300x246x457	34		
LV3011T	3	2,2	2	2"	17,5	16,8	16,0	14,4	13,1	11,5	7,3	3,5																cast iron	cast iron	CV	48	10	279x226x473	36		
LV3012T	3	2,2	2	2" 1/2	17,7	16,8	15,5	14,0	12,4	9,8	6,4	3,2																cast iron	cast iron	CV	65	10	344x260x565	58		
LV3015-4T	3	2,2	4	50	16,5	16,2	15,9	15,2	14,5	13,8	12,2	10,3	8,0															cast iron	cast iron	CV	50	20	365x300x590	56		
LV3020T	3	2,2	2	2" 1/2	16,4	15,6	14,8	13,4	12,1	10,7	8,2	5,8	3,5															cast iron	cast iron	CV	60	20	375x290x575	48		
LV3025-4T	3	2,2	4	50	15,5	15,1	14,8	14,1	13,4	12,7	11,1	9,2	6,9	2,7														cast iron	cast iron	CV	50	20	365x300x590	56		
LV3026T	3	2,2	2	3"	15,0	14,7	13,8	12,7	11,4	8,8	6,4	4,5	1,8															cast iron	cast iron	CV	80	10	401x321x565	71		
LV3030T	3	2,2	2	65	13,5	13,2	12,9	12,2	11,4	10,5	8,7	6,9	5,1															cast iron	cast iron	CV	65	20	372x301x515	67		
LV3035-4T	3	2,2	4	65	13,1	12,8	12,6	12,1	11,6	11,2	10,1	9,0	7,8	4,9														cast iron	cast iron	CV	60	20	365x300x550	50		
LV3040T	3	2,2	2	65	12,9	12,6	12,1	10,8	9,6	8,3	6,1	4,4	2,3														cast iron	cast iron	CV	50	20	300x205x550	43			
LV3041-4T	3	2,2	4	3"	12,1	12,1	11,8	11,5	11,0	9,7	7,8	5,8	3,1	2,2														cast iron	cast iron	CV	80	10	401x321x565	76		
LV3050-4T	3	2,2	4	65	11,9	11,8	11,6	11,1	10,7	10,3	9,3	8,2	7,1	4,7	3,8													cast iron	cast iron	CV	60	20	372x301x515	67		
LV3055-4T	3	2,2	4	80	11,9	11,7	11,6	11,3	11,1	10,8	10,1	9,4	8,6	6,7	5,8	4,3												cast iron	cast iron	CV	70	20	365x300x700	65		
LV3060-4T	3	2,2	4	80	11,9	11,7	11,6	11,4	11,1	10,7	10,0	9,2	8,2	5,9													cast iron	cast iron	CV	75	20	365x300x580	56			
LV3065-4T	3	2,2	4	65	11,9	11,7	11,5	11,2	10,9	10,5	9,6	8,5	7,4	4,5													cast iron	cast iron	CV	60	20	365x300x635	65			
LV3070T	3	2,2	2	80	12,0		11,3	10,5	9,7	8,7	6,3	3,5	1,0															cast iron	cast iron	CV	67	20	295x295x620	68		
LV3075-4T	3	2,2	4	100	10,7	10,7	10,7	10,6	10,5	10,3	9,9	9,3	8,6	7,1	6,4	5,4	4,7	3,3									cast iron	cast iron	CV	90	20	400x322x710	75			
LV3080-4T	3	2,2	4	100	10,3		10,0	9,7	9,5	9,0	8,4	7,8	6,2	5,5	4,3	3,3											cast iron	cast iron	CV	50	20	415x315x690	71			
LV3085-4T	3	2,2	4	100	10,0	9,9	9,9	9,8	9,6	9,4	9,0	8,5	7,8	6,3	5,6	4,4	3,3									cast iron	cast iron	CV	90	20	380x322x600	66				
LV3090-4T	3	2,2	4	80	10,2			9,6	9,3	8,9	7,8																cast iron	cast iron	CV	80	20	399x399x570	65			
LV3095-4T	3	2,2	4	80	9,5			9,1	8,8	8,4	7,7	6,9	6,0	4,2	3,4													cast iron	cast iron	CV	80	20	394x310x650	63		
LV3100-4T	3	2,2	4	100	8,6			8,2	8,0	7,8	7,3	6,8	6,2	4,9	4,3	2,9											cast iron	cast iron	CV	90	20	394x310x650	65			
LV3105-4T	3	2,2	4	80	8,3			7,7	7,7	7,5	6,7	5,9	5,2	3,0													cast iron	cast iron	CV	80	20	399x399x570	65			
LV3110-4T	3	2,2	4	80	6,2			6,0	5,9	5,6	5,4	4,9	3,8	2,6													cast iron	cast iron	CV	80	20	295x295x620	70			
LV3300T	3,3	2,5	2	50	20,8	20,0	19,7	18,7	17,5	16,0	12,5	8,3															cast iron	cast iron	CV	50	20	280x240x505	40			
LV3305T	3,3	2,5	2	65	19,8	19,7	19,4	18,7	17,8	16,9	14,7	12,0	8,9														cast iron	cast iron	CV	50	20	335x270x530	45			
LV3310T	3,3	2,5	2	80	16,4	16,0	15,7	15,1	14,3	13,5	11,6	9,5	7,5														cast iron	cast iron	CV	70	20	320x270x550	43			
LV3315T	3,3	2,5	2	50	15,7	14,9	14,1	12,4	10,7	9,0	5,6															cast iron	cast iron	CV	50	20	268x224x544	43				
LV3320T	3,3	2,5	2	80	9,2	8,8	8,4	7,7	7,0	6,2	4,7	3,3	1,8														cast iron	cast iron	CV	60	20	332x264x673	40			
LV4000T	4	3	2	50	23,2	22,7	22,3	21,1	20,1	18,8	16,0	12,8	9,2														cast iron	cast iron	CV	40	20	365x300x590	56			
LV4005T	4	3	2	65	19,5	19,5	19,1	18,1	16,7	15,2	11,8	8,3	3,3														cast iron	cast iron	CV	62	20	220x260x521	48			
LV4010T	4	3	2	80	21,3				19,3	18,0	15,5	12,9	10,1	4,8	2,9													cast iron	cast iron	CV	45	20	370x370x645	58		
LV4015T	4	3	2	65	18,3	18,2	17,9	16,8	15,9	14,7	12,3	9,8	7,5	2,9													cast iron	cast iron	CV	65	20	372x301x515	68			
LV4016T	4	3	2	2" 1/2	19,1			18,0	16,6	15,2	13,9	11,2	7,8	4,4													cast iron	cast iron	CV	65	10	344x260x565	62			
LV4020T	4	3	2	65	18,2	17,9	17,6	16,8	16,1	15,3	13,8	12,0	10,2													cast iron	cast iron	CV	50	20	365x300x550	53				
LV4021T	4	3	2	3"	17,9			17,2	16,3	15,2	14,1	11,4	8,8	6,4	1,9												cast iron	cast iron	CV	80	10	401x321x565	75			
LV4025T	4	3	2	80	17,5	16,7	16,1	14,9	13,6	12,4	9,9	7,5	5																							

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP	kW	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg	
1~ 230V 50Hz	3~ 400V 50Hz					m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400						
						l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667						
LV4055-4T	4	3	4	65		13,3	13,2	13,0	12,7	12,4	12,0	11,1	10,1	8,9	6,0																cast iron	cast iron	CV	60	20	365x300x635	69
LV4060-4T	4	3	4	80		12,4	12,3	12,2	11,9	11,7	11,4	10,8	10,2	9,4	7,7	6,9	5,6	4,3													cast iron	cast iron	CV	70	20	365x300x700	69
LV4065-4T	4	3	4	80		12,4	12,2	12,1	11,8	11,6	11,2	10,5	9,6	8,7	6,5																cast iron	cast iron	CV	75	20	365x300x580	60
LV4070-4T	4	3	4	100		12,0		11,7	11,5	11,2	10,7	10,0	9,4	7,7	7,0	5,8	4,7	2,4													cast iron	cast iron	CV	50	20	415x315x690	73
LV4075-4T	4	3	4	100		11,4	11,2	11,2	11,1	11,0	10,8	10,3	9,8	9,1	7,6	6,9	5,9	5,1	3,8												cast iron	cast iron	CV	90	20	400x322x710	78
LV4080-6T	4	3	6	100		11,3	11,2	11,1	11,0	10,8	10,6	10,2	9,8	9,4	8,4	8,0	7,4	6,8	5,6	4,6	3,6										cast iron	cast iron	CV	80	20	480x408x820	135
LV4085-4T	4	3	4	80		11,8		11,1	10,8	10,4	9,5	8,7	7,7	5,4	4,3	2,9															cast iron	cast iron	CV	80	20	394x310x650	66
LV4090-4T	4	3	4	100		10,9	10,8	10,7	10,5	10,3	10,1	9,7	9,2	8,6	7,3	6,7	5,8	4,9												cast iron	cast iron	CV	90	20	380x322x600	70	
LV4095-4T	4	3	4	80		10,5	10,4	10,3	10,1	9,8	9,6	9,0	8,1	7,2	5,6	4,9	4,1													cast iron	cast iron	CV	80	20	456x323x693	93	
LV4100-4T	4	3	4	80		10,8	10,3	9,9	9,4	8,9	7,9	6,8	5,7	3,3	2,3															cast iron	cast iron	CV	60	20	406x313x656	64	
LV4105-4T	4	3	4	100		10,7		10,2	9,9	9,7	9,2	8,5	7,9	6,5	5,9	4,7	3,4												cast iron	cast iron	CV	90	20	394x310x650	68		
LV4110-4T	4	3	4	80		9,9	9,5	9,2	8,9	8,5	7,8	7,0	6,2	4,6	3,9	2,9	2,0												cast iron	cast iron	CV	64	20	395x298x605	64		
LV4115-6T	4	3	6	150		8,5	8,4	8,3	8,2	8,0	7,9	7,6	7,3	7,0	6,4	6,1	5,7	5,4	4,7	4,1	3,5	2,9						cast iron	cast iron	CV	120	20	505x445x805	142			
LV4120-4T	4	3	4	80		8,0		7,7	7,5	7,2	6,7	5,8	4,5	3,1	2,7	2,1												cast iron	cast iron	CV	80	20	295x295x620	73			
LV5000T	5	3,7	2	80		19,3	19,0	18,3	17,6	16,9	14,5	9,7	4,6															cast iron	cast iron	CV	67	20	295x295x620	72			
LV5005-4T	5	3,7	4	80		13,1	13,0	12,9	12,7	12,5	12,2	11,5	10,6	9,9	8,0	7,2	6,0											cast iron	cast iron	CV	80	20	456x323x723	104			
LV5010-4T	5	3,7	4	100		12,7		12,4	11,9	11,5	10,7	10,0	9,3	7,7	6,9	5,6	4,6	2,4										cast iron	cast iron	CV	98	20	365x410x780	139			
LV5015-6T	5	3,7	6	100		12,4	12,3	12,1	11,9	11,8	11,4	11,1	10,7	9,8	9,4	8,8	8,3	7,1	6,2	5,2								cast iron	cast iron	CV	70	20	480x408x820	135			
LV1520-6T	5	3,7	6	150		9,6	9,5	9,4	9,3	9,2	9,1	8,8	8,6	8,3	7,7	7,5	7,1	6,8	6,1	5,6	5,1	4,5	3,9	3,1				cast iron	cast iron	CV	110	20	505x445x805	142			
LV5025-4T	5	3,7	4	80		9,8		9,4	9,0	8,6	7,7	6,5	5,2	3,3	2,7	2,0											cast iron	cast iron	CV	80	20	295x295x620	76				
LV5030-6T	5	3,7	6	100		8,3		8,1	7,9	7,7	7,5	7,1	6,7	5,8	5,2	4,3	3,3										cast iron	cast iron	CV	98	20	365x410x780	139				
LV5500T	5,5	4	2	50		27,0	26,4	26,0	24,8	23,8	22,5	19,7	16,5	12,9														cast iron	cast iron	CV	40	20	365x300x590	56			
LV5505T	5,5	4	2	80		24,2		21,5	19,9	18,0	15,8	13,0	7,8	5,8	2,7													cast iron	cast iron	CV	45	20	370x370x645	66			
LV5510T	5,5	4	2	65		21,2	20,7	20,4	19,6	18,9	18,1	16,6	14,9	13,0													cast iron	cast iron	CV	50	20	365x300x550	56				
LV5515T	5,5	4	2	80		17,4	17,1	17,0	16,6	16,2	15,7	14,8	13,7	12,6	10,0												cast iron	cast iron	CV	75	20	365x300x580	60				
LV5520T	5,5	4	2	80		16,2	15,9	15,8	15,4	15,0	14,5	13,6	12,5	11,4	8,8	7,6											cast iron	cast iron	CV	75	20	365x300x580	60				
LV5525-4T	5,5	4	4	65		15,5	15,4	15,3	15,0	14,8	14,4	13,7	12,8	11,7	9,1	8,0											cast iron	cast iron	CV	60	20	365x300x665	77				
LV5530T	5,5	4	2	80		14,9	14,6	14,5	14,1	13,7	13,2	12,3	11,2	10,1	7,5	6,3											cast iron	cast iron	CV	75	20	365x300x580	60				
LV5535-4T	5,5	4	4	80		14,3	14,2	14,2	14,1	14,0	13,8	13,5	13,1	12,1	11,7	10,9	10,1										cast iron	cast iron	CV	70	20	365x300x725	77				
LV5540-4T	5,5	4	4	65		13,5	13,4	13,3	13,0	12,8	12,4	11,7	10,8	9,7	7,1	6,0										cast iron	cast iron	CV	60	20	365x300x665	77					
LV5545-4T	5,5	4	4	80		13,3	13,2	13,1	12,8	12,6	12,3	11,8	11,2	10,5	8,9	8,2	7,1	6,1								cast iron	cast iron	CV	70	20	365x300x725	77					
LV5550-4T	5,5	4	4	100		13,2	13,1	13,1	13,0	12,9	12,7	12,3	11,7	11,0	9,5	8,8	7,9	7,1	5,7								cast iron	cast iron	CV	90	20	400x322x740	86				
LV5555-4T	5,5	4	4	100		12,9		12,7	12,4	12,1	11,6	10,7	10,3	9,7	9,1	7,8	6,6	5,4	4,0	2,7							cast iron	cast iron	CV	50	20	485x485x715	103				
LV5560-4T	5,5	4	4	100		12,3	12,2	12,1	12,0	11,8	11,4	10,8	10,1	8,6	7,9	6,9	6,2	4,8								cast iron	cast iron	CV	90	20	400x322x740	86					
LV5565-4T	5,5	4	4	150		8,6	8,5	8,5	8,4	8,3	8,1	7,9	7,7	7,4	6,8	6,5	6,1	5,7	5,0	4,3	3,6	2,9				cast iron	cast iron	CV	115	20	505x445x805	120					
LV6500T	6,5	4,8	2	80		22,8	22,5	21,3	20,4	19,6	17,2	14,6	12,6	8,0	6,4	4,0										cast iron	cast iron	CV	67	20	295x295x620	74					
LV6505-4T	6,5	4,8	4	80		15,0	14,9	14,8	14,6	14,3	14,0	13,4	12,5	11,7	9,9	9,1	7,8	6,8	4,4																		

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg		
m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400													
l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667													
LV7505T	7,5	5,5	2	80		24,9	23,5	22,1	20,8	19,4	16,7	13,9	11,2	5,7															cast iron	cast iron	CV	50	20	395x298x693	77			
LV7510T	7,5	5,5	2	80		24,4			22,0	20,3	18,3	16,5	11,9	9,8	6,9	4,6														cast iron	cast iron	CV	50	20	370x370x725	87		
LV7515-4T	7,5	5,5	4	65		19,6	19,4	19,2	18,9	18,5	18,2	17,4	16,6	15,7	13,8	13,0														cast iron	cast iron	CV	60	20	365x300x750	90		
LV7520-4T	7,5	5,5	4	80		17,0	16,9	16,8	16,6	16,3	15,3	14,6	13,7	11,8	11,0	9,8	8,7	6,3	4,1										cast iron	cast iron	CV	80	20	456x323x723	107			
LV7525-4T	7,5	5,5	4	100		15,8			15,7	15,3	14,9	14,4	13,8	13,1	11,8	11,2	10,2	9,2	7,3	6,0	4,4									cast iron	cast iron	CV	98	20	365x410x780	149		
LV7530-4T	7,5	5,5	4	100		15,2	15,1	15,0	14,8	14,6	14,4	13,9	13,4	12,9	11,8	11,3	10,5	9,8	8,2	7,0	5,7	4,3								cast iron	cast iron	CV	85	20	400x322x740	102		
LV7535-4T	7,5	5,5	4	100		14,9				14,7	14,4	14,0	13,6	12,9	12,5	11,8	11,3	9,9	8,7	7,4	6,2	4,9								cast iron	cast iron	CV	50	20	485x485x715	106		
LV7540-4T	7,5	5,5	4	100		14,8			14,1	13,7	13,3	12,4	11,3	10,1	8,1	7,3	6,1	4,9	3,1	2,0									cast iron	cast iron	CV	98	20	365x410x780	143			
LV7545-4T	7,5	5,5	4	100		16,2					10,7	9,8	8,3	7,6	6,4	5,3	2,2											cast iron	cast iron	CV	100	20	450x450x735	116				
LV7550-6T	7,5	5,5	6	150		9,8	9,8	9,7	9,6	9,5	9,4	9,2	9,0	8,8	8,3	8,1	7,8	7,6	7,0	6,6	6,2	5,7	5,2	4,5	3,9	2,8				cast iron	cast iron	CV	130	20	505x445x940	185		
LV8000-4T	8	6	4	80		19,0	18,8	18,6	18,3	17,9	17,5	16,8	16,0	15,1	13,4	12,7	11,6	10,6	8,6									cast iron	cast iron	CV	60	20	470x395x785	110				
LV8005-4T	8	6	4	100		18,7	18,6	18,4	18,2	17,9	17,6	17,0	16,3	15,6	14,1	13,5	12,4	11,5	9,6	8,0	6,4	4,6						cast iron	cast iron	CV	85	20	480x408x820	120				
LV8010-4T	8	6	4	150		11,8	11,7	11,5	11,3	11,2	10,8	10,5	10,1	9,3	9,0	8,4	8,0	7,0	6,2	5,4	4,5						cast iron	cast iron	CV	120	20	505x445x895	135					
LV9000T	9	6,5	2	50		38,2	37,4	36,7	35,2	33,7	32,2	29,0	25,8	22,5	15,5												cast iron	cast iron	CV	40	20	365x300x735	85					
LV9005T	9	6,5	2	50		35,2	34,4	33,7	32,2	30,7	29,2	26,0	22,8	19,5	12,5											cast iron	cast iron	CV	40	20	365x300x735	85						
LV9010T	9	6,5	2	65		31,0	30,7	30,3	29,5	28,6	27,8	25,9	23,8	21,6	16,5											cast iron	cast iron	CV	45	20	365x300x750	90						
LV9015T	9	6,5	2	80		26,0	25,7	25,4	24,7	23,9	23,2	21,8	20,5	19,1	16,3	15,2										cast iron	cast iron	CV	65	20	365x300x805	98						
LV9020-4T	9	6,5	4	100		20,3	20,1	20,0	19,7	19,4	19,1	18,5	17,8	17,1	15,6	14,9	13,9	13,0	11,1	9,6	8,0	6,3					cast iron	cast iron	CV	85	20	480x408x820	120					
LV9025-4T	9	6,5	4	80		20,2	20,0	19,8	19,5	19,1	18,7	18,0	17,2	16,3	14,6	13,9	12,8	11,8	9,8								cast iron	cast iron	CV	60	20	470x395x785	110					
LV9030-4T	9	6,5	4	100		18,9					13,4	12,8	11,1	10,3	9,3	8,5	7,0	5,5								cast iron	cast iron	CV	100	20	450x450x735	118						
LV9035-4T	9	6,5	4	150		12,5	12,5	12,4	12,3	12,2	12,0	11,7	11,4	11,1	10,4	10,1	9,7	9,2	8,3	7,6	6,9	6,0	5,2	4,0	2,7				cast iron	cast iron	CV	120	20	505x445x895	135			
LV9500-4T	9,5	7,1	4	100		16,9			16,0	15,7	15,4	14,6	13,8	13,0	11,3	10,6	9,6	8,7	6,8	5,2	3,5								cast iron	cast iron	CV	90	20	468x361x935	160			
LV10A00T	10	7,5	2	80		29,0	27,8	26,6	25,4	24,3	22,7	21,0	18,8	14,5	12,6	9,7	7,2	2,7									cast iron	cast iron	CV	70	20	467x328x925	150					
LV10A05T	10	7,5	2	80		26,7				25,0	24,3	22,7	21,0	18,8	14,5	12,6	9,7	7,2	2,7								cast iron	cast iron	CV	50	20	375x375x725	91					
LV10A10T	10	7,5	2	100		24,7			23,7	22,8	21,8	20,2	18,3	16,5	13,4	11,9	9,9	8,7								cast iron	cast iron	CV	83	20	365x410x780	141						
LV10A15-4T	10	7,5	4	100		21,1	21,0	20,8	20,5	20,1	19,8	19,1	18,3	17,5	16,0	15,3	14,3	13,5	11,7	10,3	8,9	7,4	5,9	3,9				cast iron	cast iron	CV	90	20	480x408x880	163				
LV10A20-4T	10	7,5	4	80		20,5	20,3	20,1	19,8	19,5	19,1	18,4	17,7	16,9	15,2	14,5	13,4	12,4	10,3								cast iron	cast iron	CV	70	20	470x395x855	157					
LV10A25-4T	10	7,5	4	100		17,7			17,3	17,0	16,8	16,3	15,7	15,0	13,5	12,7	11,8	11,0	9,2	7,7	6,4	5,0	3,7				cast iron	cast iron	CV	98	20	365x410x780	159					
LV10A30-4T	10	7,5	4	100		18,0					16,2	15,6	14,4	13,8	12,9	12,1	10,7	9,3	7,6	5,7	4,1				cast iron	cast iron	CV	100	20	450x450x750	126							
LV10A35-4T	10	7,5	4	150		14,3	14,2	14,1	13,9	13,7	13,5	13,1	12,6	12,2	11,3	11,0	10,4	9,9	9,0	8,2	7,5	6,7	5,9	4,8	3,7				cast iron	cast iron	CV	130	20	505x445x940	184			
LV10A40-6T	10	7,5	6	150		10,9	10,9	10,8	10,7	10,6	10,5	10,3	10,1	9,9	9,4	9,3	9,0	8,8	8,3	8,0	7,6	7,2	6,8	6,3	5,8	5,0	4,3	3,6				cast iron	cast iron	CV	130	20	505x445x1085	215
LV12A00-4T	12	8,8	4	100		21,6			21,3	21,1	20,8	20,5	20,1	19,4	18,2	17,7	16,8	15,9	14,2	12,7	11,3	9,9	8,3				cast iron	cast iron	CV	98	20	365x410x780	160					
LV12B00T	12,5	9,2	2	100		27,5			26,4	25,5	24,7	23,0	21,4	19,6	16,3	14,9	12,9	11,5								cast iron	cast iron	CV	83	20	365x410x780	148						
LV12B05-4T	12,5	9,2	4	80		22,8	22,6	22,5	22,2	21,9	21,7	21,0	20,3	19,6	18,0	17,3	16,1	15,1	12,9	11,2	9,3				cast iron	cast iron	CV	70	20	470x395x855	163							
LV12B10-4T	12,5	9,2	4	100		22,0	21,8	21,7	21,3	21,0	20,7	20,0	19,3	18,6	17,1	16,5	15,5	14,7	13,0	11,7	10,4	9,0	7,6	5,6				cast iron	cast iron	CV	90	20	480x408x880	170				

VORTEX - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	pole	DNm Ø	Q = Performance																								Pump material	Impeller material	Pump identifica- tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg		
m³/h	0	2,5	5	10	15	20	30	40	50	70	78	90	100	120	135	150	165	180	200	220	250	275	300	350	400													
l/m	0	42	83	167	250	333	500	666	833	1166	1300	1500	1666	2000	2250	2500	2750	3000	3333	3667	4167	4583	5000	5833	6667													
LV15A20-4T	15	11	4	150		18,0	17,9	17,8	17,6	17,4	17,3	16,8	16,4	16,0	15,1	14,7	14,1	13,7	12,6	11,8	11,0	10,1	9,3	8,0	6,8	4,8			cast iron	cast iron	CV	130	20	505x445x940	196			
LV15A25-6T	15	11	6	150		11,3	11,3	11,2	11,2	11,1	11,1	10,9	10,8	10,7	10,4	10,2	10,0	9,8	9,4	9,1	8,8	8,4	8,0	7,5	6,9	6,0	5,1	4,2			cast iron	cast iron	CV	125	20	505x445x1085	215	
LV18A00T	18	13	2	50		53,0	51,6	50,7	49,0	47,5	46,0	43,1	40,1	36,8	27,9															cast iron	cast iron	CV	35	20	365x300x790	140		
LV18A05T	18	13	2	65		44,0	43,5	42,9	41,7	40,5	39,5	37,4	35,5	33,6	29,9	28,3														cast iron	cast iron	CV	45	20	365x300x830	145		
LV18A10T	18	13	2	100		36,0		35,6	34,9	34,1	32,0	30,1	27,7	24,0	22,2	18,8	16,4													cast iron	cast iron	CV	83	20	365x410x780	195		
LV18A15T	18	13	2	80		36,0	35,4	34,9	34,0	33,0	32,2	30,5	28,9	27,5	24,6	23,5	21,9	20,4											cast iron	cast iron	CV	65	20	365x300x860	158			
LV18A20-4T	18	13	4	80		28,0	27,9	27,6	27,2	26,8	26,5	25,8	25,2	24,7	23,6	23,2	22,5	21,8	20,0	18,2	16,1	13,3						cast iron	cast iron	CV	60	20	470x395x995	192				
LV18A25-4T	18	13	4	80		26,6	26,4	26,1	25,7	25,3	24,9	24,3	23,7	23,1	22,0	21,5	20,8	20,0	18,2	16,4	14,2	11,4						cast iron	cast iron	CV	60	20	470x395x995	192				
LV18A30-4T	18	13	4	100		25,0	24,8	24,7	24,5	24,2	23,9	23,4	22,8	22,2	20,9	20,3	19,5	18,7	17,2	15,9	14,6	13,2	11,8	9,7	7,6				cast iron	cast iron	CV	90	20	480x408x1020	200			
LV18A35-4T	18	13	4	150		20,8	20,6	20,5	20,4	20,2	20,0	19,7	19,3	18,9	18,1	17,8	17,3	16,8	15,9	15,2	14,4	13,6	12,8	11,7	10,5	8,7	7,1	5,3			cast iron	cast iron	CV	120	20	505x445x1085	220	
LV18A40-4T	18	13	4	150		18,9	18,9	18,8	18,6	18,4	18,3	17,9	17,5	17,2	16,4	16,1	15,6	15,1	14,2	13,6	12,8	12,1	11,3	10,3	9,2	7,4	5,9	4,3			cast iron	cast iron	CV	130	20	505x445x1085	220	
LV18A45-4T	18	13	4	150		17,7	17,6	17,6	17,4	17,3	17,1	16,8	16,4	16,1	15,3	15,0	14,5	14,1	13,2	12,5	11,8	11,0	10,2	9,1	8,0	6,1			cast iron	cast iron	CV	130	20	505x445x1085	220			
LV18A50-6T	18	13	6	150		16,8																						cast iron	cast iron	CV	100	20	714x528x1236	361				
LV19A00-4T	19	14	4	100		17,5																						cast iron	cast iron	CV	80	20	474x401x1040	200				
LV20A00T	20	15	2	100		41,0		40,1	39,1	38,1	36,6	34,7	32,3	28,5	26,8	24,2	21,9											cast iron	cast iron	CV	83	20	365x410x780	201				
LV20A05-4T	20	15	4	80		29,2	29,0	28,8	28,5	28,1	27,8	27,2	26,7	26,3	25,3	24,9	24,3	23,6	22,0	20,3	18,2	15,5						cast iron	cast iron	CV	60	20	470x395x995	205				
LV20A10-4T	20	15	4	100		27,9	27,6	27,5	27,2	27,0	26,8	26,2	25,7	25,2	24,0	23,5	22,8	22,1	20,7	19,6	18,5	17,3	16,1	14,4	12,5	9,7			cast iron	cast iron	CV	80	20	480x408x1020	210			
LV20A15-4T	20	15	4	150		21,0	21,0	21,0	20,8	20,7	20,6	20,3	20,0	19,7	19,0	18,7	18,3	17,9	17,1	16,5	15,8	15,2	14,4	13,4	12,3	10,6	9,1	7,5	4,0		cast iron	cast iron	CV	120	20	505x445x1085	220	
LV25A00T	25	18,5	2	80		49,7	48,9	48,4	47,2	46,1	45,0	42,9	40,9	39,0	35,5	34,2													cast iron	cast iron	CV	65	20	470x395x995	230			
LV25A05T	25	18,5	2	80		45,0		41,3	40,3	39,4	37,5	35,6	33,6	29,8														cast iron	cast iron	CV	50	20	445x328x986	190				
LV25A10T	25	18,5	2	80		38,2		36,2	35,7	35,1	33,7	32,0	30,0	25,5	23,4	20,3	17,5										cast iron	cast iron	CV	80	20	505x354x1018	190					
LV25A15-4T	25	18,5	4	100		28,1	27,9	27,8	27,4	27,1	26,8	26,3	25,8	25,3	24,5	24,2	23,7	23,3	22,5	21,8	21,0	20,1	19,1	17,5	15,6	11,9			cast iron	cast iron	CV	90	20	485x424x1090	225			
LV25A20-4T	25	18,5	4	150		22,7	22,6	22,6	22,5	22,4	22,3	22,0	21,8	21,5	21,0	20,7	20,4	20,0	19,3	18,8	18,2	17,6	16,9	16,0	15,0	13,4	12,0	10,6	7,3	3,8		cast iron	cast iron	CV	120	20	505x445x1085	230
LV30A00T	30	22	2	80		53,0	52,4	51,9	50,7	49,6	48,5	46,3	44,2	42,1	38,3	36,9	34,9	33,4	30,8									cast iron	cast iron	CV	65	20	470x395x995	250				
LV30A05-4T	30	22	4	100		29,5	29,4	29,3	29,0	28,7	28,5	28,0	27,5	27,1	26,4	26,1	25,7	25,3	24,6	24,0	23,4	22,6	21,6	20,2	18,3	14,8			cast iron	cast iron	CV	90	20	485x424x1090	350			
LV33A00T	33,5	25	2	80		46,9		45,0	44,1	43,1	41,2	39,3	37,2	32,7	30,8	28,0	25,5	20,5	16,3								cast iron	cast iron	CV	80	20	503x353x1477	200					
LV33A05-4T	33,5	25	4	100		24,0																				cast iron	cast iron	CV	80	20	475x401x1498	200						
LV33A10-4T	33,5	25	4	150		21,0																				cast iron	cast iron	CV	100	20	507x414x1581	290						
LV40A00T	40	30	2	80		66,5	65,7	65,1	63,7	62,4	61,1	58,5	55,8	53,3	48,5	46,7	44,2	42,4	39,3								cast iron	cast iron	CV	65	20	485x420x1070	340					
LV40A05-4T	40	30	4	100		31,0	30,8	30,6	30,4	30,1	29,9	29,4	29,0	28,7	28,0	27,8	27,5	27,2	26,6	26,1	25,5	24,7	23,9	22,5	20,8	17,4	13,8		cast iron	cast iron	CV	90	20	485x424x1090	350			
LV40A10-4T	40	30	4	150		23,9	23,9	23,8	23,7	23,6	23,5	23,3	23,0	22,8	22,2	22,0	21,7	21,4	20,8	20,3	19,8	19,3	18,8	18,1	17,3	16,1	15,1	14,0	11,6	9,1		cast iron	cast iron	CV	130	20	505x445x1160	360
LV48A00-4T	48	36	4	150		30,0																				cast iron	cast iron	CV	100	20	714x528x1236	361						
LV65A00T	65	48	2	100		61,5		61,0	60,8	60,6	60,1	59,6	59,1	58,0	57,6	56,9	56,3	55,0	54,0	53,0								cast iron	cast iron	CV	80	20	489x371x1462	400				

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

• Tolerances according to ISO 9906, Annex A.

CHANNEL - Sewage Wastewater Submersible Electric Pumps

Sewage Wastewater Submersible Electric Pumps single, double, three and four-channel Impellers, heavy duty, made in cast iron or stainless steel, non-clogging, suitable for animal breeding plants, tanneries, large drainage and agricultural systems, treatment plants. - *Liqua™*

LEGEND

Pump identification codes:

CW = motor housing and pump body in cast iron, channel impeller.

SCW = motor housing in stainless steel and pump body in cast iron, channel impeller.

SW = motor housing and pump body in stainless steel, channel impeller.

LEGEND

Impeller type codes:

DAF = double-channel, open impeller with cutting diffuser

DC = double-channel, closed impeller

SA = single-channel, open impeller

SC = single-channel, closed impeller

TA = three-channel, open impeller

TC = three-channel, closed impeller

QA = four-channel, open impeller



TYPES		HP	kW	pole	DNm Ø	Q = Performance																				Pump material	Impeller material	Impeller type codes	Pump identifi- cation codes	Ø max solids in susp. Free passage. mm	Max depth of immer- sion in meters	Electric Pump Dimensions in mms	Weight in kg				
1~ 230V 50Hz	3~ 400V 50Hz					m³/h	0	3,6	7,2	10	15	20	30	40	60	80	120	160	200	240	280	320	360	400	440	480	520	570	630	690	750	1000	1200	1400	1700		
						l/m	0	60	120	166	250	330	500	660	1000	1330	2000	2670	3330	4000	4660	5330	6000	6660	7330	8000	8660	9500	10500	11500	12500	16667	20000	23333	28333		
LC1000		1	0,75	2	50		15,8		11,2	10,1	8,3	6,3	2,4																								
LC1000T		1	0,75	2	50		15,8		11,2	10,1	8,3	6,3	2,4																								
LC1005		1	0,75	2	2"		12,3	11,1	10,1	9,2	7,5	5,8																									
LC1010		1	0,75	2	2"		11,8		9,4	8,4	6,7	5,0	1,5																								
LC1010T		1	0,75	2	2"		11,8		9,4	8,4	6,7	5,0	1,5																								
LC1015		1	0,75	2	2"		11,8		9,4	8,4	6,7	4,9	1,5																								
LC1015T		1	0,75	2	2"		11,8		9,4	8,4	6,7	4,9	1,5																								
LC1100T		1,1	0,8	2	2"		12,3	11,1	10,1	9,2	7,5	5,8																									
LC1105-4T		1,1	0,8	4	65		8,0	7,0	6,2	5,9	5,0	4,5	3,4	1,8																							
LC1110-4T		1,1	0,8	4	65		6,7	5,8	5,2	4,7	4,1	3,5	2,4																								
LC1115-4T		1,1	0,8	4	65		5,7	4,7	4,1	3,8	3,3	2,8																									
LC1500		1,5	1,1	2	65	Hm Total head in meters w.c.	19,7	18,3	17,2	16,3	14,4	12,3	7,9	3,0																							
LC1505		1,5	1,1	2	50		17,8	15,6	13,8	12,6	10,8	9,3	5,0	1,5																							
LC1505T		1,5	1,1	2	50		17,8	15,6	13,8	12,6	10,8	9,3	5,0	1,5																							
LC1510		1,5	1,1	2	65		17,3		15,3	14,6	13,3	12,2	10,1	7,7																							
LC1510T		1,5	1,1	2	65		17,3		15,3	14,6	13,3	12,2	10,1	7,7																							
LC1515		1,5	1,1	2	2"		15,4	14,4	13,2	12,3	10,6	8,9	5,3																								
LC1515T		1,5	1,1	2	2"		15,4	14,4	13,2	12,3	10,6	8,9	5,3																								
LC1520		1,5	1,1	2	50		15,6	13,9	12,4	11,3	9,3	7,3	3,2																								
LC1525		1,5	1,1	2	2"		14,8	13,7	12,5	11,4	9,8	8,0	4,6																								
LC1525T		1,5	1,1	2	2"		14,8	13,7	12,5	11,5	9,8	8,1	4,6																								
LC1530		1,5	1,1	2	2"		14,8	13,7	12,5	11,5	9,8	8,1	4,6																								

CHANNEL - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	pole	DNm Ø	Q = Performance																				Pump material	Impeller material	Impeller type codes	Pump identi- fication codes	Ø max solids in susp. Free passage. mm	Max depth of immer- sion in meters	Electric Pump Dimensions in mms	Weight in kg					
m³/h	l/m	0	3,6	7,2	10	15	20	30	40	60	80	120	160	200	240	280	320	360	400	440	480	520	570	630	690	750	1000	1200	1400	1700								
		0	60	120	166	250	330	500	660	1000	1330	2000	2670	3330	4000	4660	5330	6000	6660	7330	8000	8660	9500	10500	11500	12500	16667	20000	23333	28333								
LC1530T	1,5	1,1	2	2"		14,8	13,7	12,5	11,5	9,8	8,1	4,6																			cast iron	cast iron	DC	SCW	50	5	150x232x407	16
LC1535		1,5	1,1	2	65	13,3	12,3	11,3	10,5	9,1	7,8	5,7	3,6																	cast iron	cast iron	SA	CW	40	20	290x240x487	33	
LC1535T	1,5	1,1	2	65		13,3	12,3	11,3	10,5	9,1	7,8	5,7	3,6																	cast iron	cast iron	SA	CW	40	20	290x240x487	33	
LC1540-4		1,5	1,1	4	80	9,2	8,3	7,9	7,5	7,0	6,4	5,2	4,0																	cast iron	Ni-cast iron	SC	CW	65	20	332x264x673	49	
LC1540-4T	1,5	1,1	4	80		9,2	8,3	7,9	7,5	7,0	6,4	5,2	4,0																cast iron	Ni-cast iron	SC	CW	65	20	332x264x673	49		
LC1545-6T	1,5	1,1	6	80		7,4	7,1	6,8	6,6	6,3	5,9	5,2	4,6	3,4	1,5														cast iron	cast iron	SC	CW	76	20	412x323x691	89		
LC1550-6T	1,5	1,1	6	80		6,7	6,4	6,1	5,9	5,5	5,0	4,3	3,8	2,7														cast iron	cast iron	SC	CW	76	20	412x323x691	89			
LC1555-6T	1,5	1,1	6	80		5,7	5,4	5,0	4,8	4,4	4,0	3,4	3,1	1,9														cast iron	cast iron	SC	CW	76	20	412x323x691	88			
LC1560-6T	1,5	1,1	6	100		5,5																						cast iron	cast iron	SC	CW	80	20	441x364x702	93			
LC2000T	2	1,5	2	50		21,5	19,8	17,9	16,5	13,8	11,2	6,0																cast iron	Ni-cast iron	SA	CW	30	20	268x194x454	42			
LC2005		2	1,5	2	65		20,3		18,6	17,9	16,5	15,2	12,8	11,0	5,4														cast iron	cast iron	SC	CW	50	20	205x305x550	42		
LC2005T	2	1,5	2	65		20,3		18,6	17,9	16,5	15,2	12,8	11,0	5,4														cast iron	cast iron	SC	CW	50	20	205x305x550	42			
LC2010T		2	1,5	2	65		19,8	18,3	17,2	16,3	14,4	12,3	7,9	3,0														cast iron	Ni-cast iron	SA	CW	30	20	310x260x556	42			
LC2015	2	1,5	2	50		19,2	17,5	16,3	15,4	13,8	12,3	9,2	6,5	1,2														cast iron	cast iron	SC	CW	50	20	240x360x480	35			
LC2015T	2	1,5	2	50		19,2	17,5	16,3	15,4	13,8	12,3	9,2	6,5	1,2														cast iron	cast iron	SC	CW	50	20	240x360x480	35			
LC2020T		2	1,5	2	2"		18,2	16,5	15,3	14,4	12,8	11,1	7,5															cast iron	cast iron	SA	CW	40	20	252x223x450	27			
LC2025T	2	1,5	2	2"		16,2	15,1	14,0	13,1	11,6	10,2	6,7	3,2														cast iron	cast iron	DC	SCW	50	5	150x232x407	16				
LC2030T	2	1,5	2	2"		16,2	15,0	14,0	13,1	11,5	10,1	6,7	3,8														stainless steel	stainless steel	DC	SW	50	5	176x214x409	14,5				
LC2035T	2	1,5	2	65		16,2	14,9	13,9	13,2	11,9	10,6	8,3	6,2														cast iron	cast iron	SA	CW	40	20	290x240x487	33				
LC2040-4T	2	1,5	4	80		13,3		12,6	12,2	11,5	10,7	9,2	7,6	5,2	2,3													cast iron	cast iron	SA	CW	75	20	394x310x650	64			
LC2045-4T	2	1,5	4	100		11,9			10,6	10,1	9,6	8,5	7,7	5,7	3,1													cast iron	cast iron	SA	CW	85	20	394x310x650	66			
LC2050-4T	2	1,5	4	100		11,2			10,3	9,9	9,6	8,5	7,5	5,5	3,1													cast iron	cast iron	SA	CW	60	20	320x422x665	68			
LC2055-6T	2	1,5	6	100		9,6	9,3	9,0	8,8	8,3	7,9	7,2	6,5	5,8	5,4	3,7												cast iron	cast iron	SC	CW	80	20	441x364v732	106			
LC2060-6T	2	1,5	6	100		8,5				7,3	6,9	6,2	5,6	4,8	4,4	2,8												cast iron	cast iron	SC	CW	80	20	441x364x702	95			
LC2065-6T	2	1,5	6	100		7,5					5,9	5,3	4,7	4,2	3,8	2,0												cast iron	cast iron	SC	CW	80	20	441x364x702	94			
LC2500T	2,5	1,8	2	65		20,2	19,3	17,8	16,6	14,4	13,2	12,1	9,3	4,6													cast iron	cast iron	SC	CW	42	20	327x170x511	63				
LC2505		2,5	1,8	2	65		18,2	17,0	15,9	15,0	13,4	11,8	8,7	5,5													cast iron	Ni-cast iron	SA	CW	40	20	310x260x556	45				
LC2510-4T	2,5	1,8	4	80		12,2	11,8	11,4	11,1	10,6	10,0	8,9	7,8	6,6	5,0												cast iron	cast iron	SC	CW	76	20	412x323x691	86				
LC2515-4T	2,5	1,8	4	80		9,7	9,4	9,2	9,0	8,5	8,1	7,4	6,7	5,5	3,7												cast iron	cast iron	SC	CW	76	20	412x323x691	86				
LC3000T	3	2,2	2	65		24,5		22,7	21,8	20,6	19,2	16,8	14,7	9,4													cast iron	cast iron	SC	CW	50	20	205x305x550	43				
LC3005T	3	2,2	2	65		23,5	22,7	21,4	20,4	18,5	17,0	14,5	12,4	8,2	4,1												cast iron	cast iron	SC	CW	42	20	327x170x511	64				
LC3010T	3	2,2	2	65		24,0	22,6	20,6	19,4	16,8	14,7	11,6	9,3	2,1												cast iron	cast iron	SC	CW	40	20	300x200x550	43					
LC3015T	3	2,2	2	3"		20,8	19,0	17,7	17,0	15,7	14,7	12,6	10,9	6,5												cast iron	cast iron	SC	SCW	50	5	390x390x647	53					
LC3020T	3	2,2	2	65		21,4		18,9	18,0	16,4	14,9	11,9	9,4	4,6												cast iron	cast iron	SC	CW	50	20	375x290x555	50					
LC3025-4T	3	2,2	4	80		15,8	15,3	14,8	14,5	13,9	13,3	12,1	11,0	9,5	8,0	2,9										cast iron	cast iron	SC	CW	76	20	412x323x691	89					
LC3030-4T	3	2,2	4	80		14,2	13,7	13,2	12,9	12,3	11,6	10,5	9,4	8,2	6,9										cast iron	cast iron	SC	CW	76	20	412x323x691	89						
LC3035-4T	3	2,2	4	80		14,5			13,4	12,8	11,8	10,4	9,1	6,2	3,6										cast iron	cast iron	SA	CW	75	20	394x310x650	65						
LC3040-4T	3	2,2	4	80		16,3						12,4	11,2	8,7	6,3										cast iron	cast iron	SC	CW	75	20	320x399x570	65						
LC3045-4T	3	2,2	4	65		12,2	11,7																															

CHANNEL - Sewage Wastewater Submersible Electric Pumps

TYPES		HP	kW	pole	DNm Ø	Q = Performance																						Pump material	Impeller material	Impeller type codes	Pump identifi- cation codes	Ø max solids in susp. Free passage. mm	Max depth of immer- sion in meters	Electric Pump Dimensions in mms	Weight in kg				
1~ 230V 50Hz	3~ 400V 50Hz					m³/h	0	3,6	7,2	10	15	20	30	40	60	80	120	160	200	240	280	320	360	400	440	480	520	570	630	690	750	1000	1200	1400	1700				
						l/m	0	60	120	166	250	330	500	660	1000	1330	2000	2670	3330	4000	4660	5330	6000	6660	7330	8000	8660	9500	10500	11500	12500	16667	20000	23333	28333				
LC4005T	4	3	2	3"		27,1	25,5	23,9	22,8	21,1	19,8	17,0	14,6	10,0	5,0																	cast iron	cast iron	SC	SCW	50	5	390x390x647	54
LC4010T	4	3	2	65		20,3	19,0	18,2	17,6	16,4	15,0	12,0	8,7																			cast iron	Ni-cast iron	SA	CW	40	20	310x260x556	45
LC4015T	4	3	2	80		18,9	18,1	17,6	16,3	15,2	13,6	11,8	7,0																		cast iron	cast iron	SA	CW	45	20	370x220x645	64	
LC4020-4T	4	3	4	80		16,3	15,5	15,1	14,5	14,0	12,6	10,9	8,0	5,4																	cast iron	cast iron	SA	CW	75	20	394x310x650	68	
LC4025-4T	4	3	4	80		14,6	14,0	13,6	13,2	12,7	12,2	11,3	10,6	9,2	7,6															cast iron	cast iron	DAF	CW	60x80	20	400x300x700	77		
LC4030-4T	4	3	4	65		14,4	14,0	13,6	13,3	12,8	12,3	11,3	10,2	7,5	4,3														cast iron	cast iron	DAF	CW	50x70	20	365x300x635	74			
LC4035-4T	4	3	4	100		14,4		13,7	12,9	12,3	11,4	10,5	8,0	6,0															cast iron	cast iron	SA	CW	60	20	320x422x665	76			
LC4040-4T	4	3	4	80		14,3	13,7	13,3	12,9	12,3	11,7	10,4	9,2	6,7	4,2														cast iron	Ni-cast iron	SC	CW	76	20	402x312x656	70			
LC4045-4T	4	3	4	80		15,3						13,4	12,3	10,4	8,2	3,3													cast iron	cast iron	SC	CW	75	20	320x445x620	75			
LC4050-4T	4	3	4	100		14,4						13,0	12,4	11,3	10,3	8,2	5,9	2,4										cast iron	cast iron	SA	CW	85	20	394x310x650	70				
LC4055-4T	4	3	4	80		13,7	13,0	12,6	12,2	11,7	11,1	10,2	9,4	8,0	6,5													cast iron	cast iron	DAF	CW	60x80	20	400x300x700	77				
LC4060-4T	4	3	4	80		11,9	11,6	11,4	11,2	10,8	10,4	9,5	8,5	6,5	4,0													cast iron	Ni-cast iron	SC	CW	65	20	365x293x659	67				
LC4065-4T	4	3	4	100		11,4	11,1	10,6	10,4	10,0	9,6	9,0	8,4	7,4	6,6	4,7	2,4										cast iron	cast iron	DAF	CW	70x100	20	400x322x710	78					
LC4070-4T	4	3	4	100		10,4		10,0	9,9	9,7	9,5	9,1	8,6	7,6	6,6	4,3	1,7										cast iron	Ni-cast iron	SC	CW	90	20	499x315x700	67					
LC4075-6T	4	3	6	100		9,4						8,0	7,6	7,3	6,5	5,8	4,3	2,8									cast iron	Ni-cast iron	DC	CW	80	20	507x411x747	111					
LC5000T	5	3,7	2	65		19,2	18,5	18,3	17,8	17,3	16,2	14,8	11,5															cast iron	Ni-cast iron	TA	CW	30	20	358x278x596	58				
LC5005-4T	5	3,7	4	100		15,7	14,6	14,4	14,0	13,6	12,8	11,9	10,2	8,5	5,5	2,5												cast iron	Ni-cast iron	SC	CW	78	20	507x411x747	110				
LC5010-4T	5	3,7	4	100		15,3					13,7	12,8	11,8	10,1	9,2	7,2	4,3										cast iron	cast iron	SC	CW	80	20	441x364x732	105					
LC5015-6T	5	3,7	6	100		12,5	12,3	12,1	12,0	11,7	11,4	10,9	10,4	9,4	8,5	6,8	5,0	3,1									cast iron	cast iron	DAF	CW	70x100	20	480x408x820	135					
LC5020-6T	5	3,7	6	100		11,6	11,3	11,1	11,0	10,7	10,4	9,9	9,4	8,4	7,5	5,8	4,0	2,1									cast iron	cast iron	DAF	CW	70x100	20	480x408x820	135					
LC5025-4T	5	3,7	4	100		11,7		11,2	11,0	10,8	10,5	9,9	9,4	8,3	7,2	5,0	2,8									cast iron	Ni-cast iron	SC	CW	90	20	372x314x766	82						
LC5030-6T	5	3,7	6	150		8,1	8,0	7,9	7,7	7,5	7,3	7,0	6,5	6,0	5,2	4,3	3,3	2,3	1,2								cast iron	cast iron	DAF	CW	125x140	20	505x445x875	150					
LC500T	5,5	4	2	80		27,4	25,3	24,4	22,7	21,1	18,4	15,8	10,1	3,9													cast iron	cast iron	SA	CW	45	20	230x365x650	69					
LC505-4T	5,5	4	4	65		17,3	16,8	16,3	16,0	15,4	14,8	13,8	12,8	10,8	6,9											cast iron	cast iron	DAF	CW	50x70	20	365x300x665	83						
LC510-4T	5,5	4	4	80		16,9	16,4	15,8	15,4	14,9	14,4	13,5	12,8	11,4	9,9										cast iron	cast iron	DAF	CW	60x80	20	400x300x725	86							
LC515-4T	5,5	4	4	80		15,6	15,0	14,6	14,2	13,7	13,2	12,3	11,6	10,2	8,8										cast iron	cast iron	DAF	CW	60x80	20	400x300x725	86							
LC520-4T	5,5	4	4	100		15,2					14,1	13,7	13,0	11,6	10,3	7,2	4,1								cast iron	cast iron	SA	CW	90	20	485x485x715	105							
LC525-4T	5,5	4	4	100		13,3	12,9	12,6	12,4	12,0	11,6	11,0	10,4	9,4	8,6	6,7	3,9								cast iron	cast iron	DAF	CW	70x100	20	400x322x740	84							
LC600T	6	4,5	2	3"		30,5	29,4	28,0	27,0	25,1	23,7	21,0	18,3	13,3	8,3										cast iron	cast iron	SC	SCW	50	5	390x390x647	55							
LC6005T	6	4,5	2	80		28,5				26,6	25,6	24,5	22,3	20,3	16,2										cast iron	cast iron	DC	CW	50	20	300x295x615	68							
LC6010-4T	6	4,5	4	100		18,5				17,5	17,0	16,4	15,5	14,4	12,6	11,3	9,3	7,2	2,3						cast iron	cast iron	SC	CW	80	20	441x364x732	108							
LC6015-4T	6	4,5	4	100		14,3					12,5	12,0	11,4	10,4	9,3	7,1	5,0								cast iron	Ni-cast iron	DC	CW	80	20	507x411x747	110							
LC7000-4T	7	5,2	4	100		20,7				19,6	19,1	18,5	17,5	16,5	14,6	13,2	10,6	7,9	4,5						cast iron	cast iron	SC	CW	80	8	430x360x750	89							
LC7005-4T	7	5,2	4	100		18,8				18,1	17,9	17,4	17,0	16,1	15,2	13,5	11,8	8,3	4,8						cast iron	Ni-cast iron	SC	CW	78	20	474x401x958	161							
LC7010-4T	7	5,2	4	100		20,2					17,1	15,5	14,7	13,9	12,8	11,0	9,3	5,7						cast iron	cast iron	SC	CW	80	20	441x364x732	109								
LC7015-4T	7	5,2	4	100		20,5					16,2	14,4	12,9	10,5	7,8	4,5	3,9	4,5						cast iron	cast iron	SC	CW	80	20	361x450x735	89								
LC7500T	7,5	5,5	2	80		33,3				30,6	29,7	28,5	26,6	24,7	20,6									cast iron	cast iron	DC	CW	51	20	300x295x615	70								
LC7505T	7,5	5,5	2	80		24,7				24,5	24,4	24,2	24,0	23,4	22,5	20,0	16,8								cast iron	Ni-cast iron	TA	CW	30	20	365x278x654	77							
LC7510-4T	7,5	5,5	4	100		17,3					16,5	15,9	15,2	13,8	12,4	9,3	6,0								cast iron	cast iron	SA	CW	90	20	485x485x715	108,5							
LC7515-4T	7,5	5,5	4	100		16,0	15,7	15,4	15,2	14,8	14,4	13,8	13,2	12,2	11,4	9,5	6,6								cast iron	cast iron	DAF	CW	70x100	20	400x322x820	105							
LC7520-4T	7,5	5,5	4																																				

CHANNEL - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 1~ 230V 50Hz	kW 3~ 400V 50Hz	pole	DNm Ø	Q = Performance																						Pump material	Impeller material	Pump identifi- cation codes	Ø max solids in susp. Free passage. mm	Max depth of immer- sion in meters	Electric Pump Dimensions in mms	Weight in kg						
m³/h	l/m					0	3,6	7,2	10	15	20	30	40	60	80	120	160	200	240	280	320	360	400	440	480	520	570	630	690	750	1000	1200	1400	1700						
						0	60	120	166	250	330	500	660	1000	1330	2000	2670	3330	4000	4660	5330	6000	6660	7330	8000	8660	9500	10500	11500	12500	16667	20000	23333	28333						
LC9005-4T	9	6,5	4	150		13,5	13,3	13,2	13,0	12,8	12,6	12,2	11,9	11,2	10,6	9,3	8,1	6,9	5,9	4,7	3,4												cast iron	cast iron	DAF CW	80x140	20	505x445x875	150	
LC9010-6T	9	6,5	6	150		14,2																												cast iron	Ni-cast iron	DC CW	80	20	507x414x1127	240
LC10A00T	10	7,5	2	80		35,2		33,2	32,3	31,0	29,9	28,0	26,2	21,9	18,1	7,6																		cast iron	cast iron	SA CW	50	20	375x375x725	93
LC10A05T	10	7,5	2	80		33,6		32,1	31,4	30,2	28,8	26,8	23,7	20,6	17,5																			cast iron	cast iron	SC CW	56	20	422x309x748	116
LC10A10T	10	7,5	2	80		32,3																											cast iron	Ni-cast iron	TA CW	30	20	405x330x917	150	
LC10A15-4T	10	7,5	4	80		23,3		22,1	21,7	21,1	20,5	19,5	18,6	17,1	15,7	10,9																		cast iron	cast iron	DAF CW	60x80	20	480x395x855	152
LC10A20-4T	10	7,5	4	80		21,5		20,6	20,2	19,6	19,0	18,0	17,1	15,4	13,6	9,2																	cast iron	cast iron	DAF CW	60x80	20	480x395x855	152	
LC10A25-4T	10	7,5	4	100		20,3		19,8	19,3	18,9	18,4	17,8	16,9	16,0	14,7	13,6	11,8	10,1															cast iron	cast iron	DAF CW	70x100	20	480x408x880	165	
LC10A30-4T	10	7,5	4	100		19,5		18,9	18,3	17,8	17,3	16,7	15,8	14,9	13,6	12,5	10,7	9,1															cast iron	cast iron	DAF CW	70x100	20	480x408x880	165	
LC10A35-4T	10	7,5	4	100		17,8																										cast iron	Ni-cast iron	DC CW	80	20	474x401x958	160		
LC10A40-6T	10	7,5	6	150		15,4																									cast iron	cast iron	SC CW	108	20	655x590x1150	300			
LC10A45-4T	10	7,5	4	150		14,2		14,0	13,9	13,8	13,6	13,4	12,8	12,0	11,4	10,1	8,9	7,7	6,5	5,3	4,1	2,7									cast iron	cast iron	DAF CW	80x140	20	505x445x940	180			
LC10A50-6T	10	7,5	6	150		11,6		11,4	11,3	11,3	11,2	11,0	10,8	10,6	10,1	9,6	8,7	7,9	7,0	5,9	4,7	3,3	1,6								cast iron	cast iron	DAF CW	125x140	20	505x445x1085	223			
LC10A55-6T	10	7,5	6	200		11,2																									cast iron	cast iron	DC CW	90x125	20	740x587x1260	320			
LC10A60-8T	10	7,5	8	200		9,8																									cast iron	Ni-cast iron	DC CW	102	20	782x604x1254	414			
LC12A00T	12	8,8	2	80		37,7		37,1	36,2	35,4	34,2	33,0	30,4	28,3	24,7	21,6	14,9															cast iron	cast iron	SC CW	56	20	422x309x748	116		
LC12A05-4T	12	8,8	4	150		24,3																									cast iron	cast iron	SC CW	100	20	440x560x883	157			
LC12A10-4T	12	8,8	4	150		14,3																									cast iron	cast iron	SC CW	95	20	600x590x950	202			
LC12B00-4T	12,5	9,2	4	80		24,6		24,1	23,3	22,9	22,3	21,7	20,7	19,8	18,2	16,9	12,7															cast iron	cast iron	DAF CW	60x80	20	480x395x855	160		
LC12B05-4T	12,5	9,2	4	100		21,3		20,8	20,3	19,9	19,4	18,8	17,9	17,0	15,7	14,6	12,8	10,9														cast iron	cast iron	DAF CW	70x100	20	480x408x880	174		
LC12B10-4T	12,5	9,2	4	150		17,9		17,6	17,4	17,2	17,0	16,7	16,1	15,6	14,7	13,8	12,4	11,1	9,7	8,4	7,1	5,7	4,2								cast iron	cast iron	DAF CW	80x140	20	505x445x940	188			
LC12B15-4T	12,5	9,2	4	150		16,0		15,8	15,6	15,5	15,3	15,1	14,7	14,3	13,5	12,8	11,5	10,2	8,8	7,6	6,3	5,0	3,5								cast iron	cast iron	DAF CW	80x140	20	505x445x940	188			
LC12B20-4T	12,5	9,2	4	150		14,2		14,1	14,0	13,9	13,7	13,6	13,3	13,0	12,4	11,8	10,6	9,5	8,3	7,0	5,6	4,1	2,8								cast iron	cast iron	DAF CW	100x140	20	505x445x940	185			
LC12B25-6T	12,5	9,2	6	200		13,1																									cast iron	cast iron	DC CW	90x125	20	740x587x1260	335			
LC13A00T	13	10	2	80		47,0																									cast iron	cast iron	SC CW	56	20	422x309x748	119			
LC15A00T	15	11	2	80		50,0		48,4	47,4	46,4	44,5	42,7	39,1	37,6	33,5	30,4	23,8	13,4													cast iron	cast iron	SC CW	56	20	422x309x748	122			
LC15A05-4T	15	11	4	80		29,3		28,7	28,3	28,0	27,4	26,8	25,8	24,9	23,4	21,7	17,7														cast iron	cast iron	DAF CW	60x80	20	480x395x855	165			
LC15A10-4T	15	11	4	80		26,3		25,6	25,0	24,6	24,0	23,4	22,4	21,5	19,9	18,6	14,8														cast iron	cast iron	DAF CW	60x80	20	480x395x855	165			
LC15A15-4T	15	11	4	150		29,5																							cast iron	cast iron	SC CW	100	20	440x560x883	168					
LC15A20-4T	15	11	4	100		24,2		23,8	23,3	23,0	22,4	21,9	20,9	20,1	18,7	17,7	15,8	13,8											cast iron	cast iron	DAF CW	70x100	20	480x408x880	180					
LC15A25-4T	15	11	4	100		22,7		22,2	21,7	21,3	20,8	20,2	19,3	18,4	17,1	16,0	14,2	12,0											cast iron	cast iron	DAF CW	70x100	20	480x408x880	180					
LC15A30-4T	15	11	4	150		19,1		18,8	18,6	18,4	18,1	17,8	17,3	16,7	15,8	14,9	13,4	12,2	10,9	9,7	8,4	7,1	5,7	4,2						cast iron	cast iron	DAF CW	80x140	20	505x445x940	193				
LC15A35-4T	15	11	4	150		17,6																						cast iron	cast iron	SC CW	95	20	600x590x950	210						
LC15A40-4T	15	11	4	150		16,5		16,3	16,2	16,1	15,9	15,8	15,5	15,2	14,6	14,0	12,8	11,7	10,5	9,2	7,8	6,3	4,																	

CHANNEL - Sewage Wastewater Submersible Electric Pumps

TYPES		HP 230V 50Hz	kW 400V 50Hz	pole	DNm Ø	Q = Performance																				Pump material	Impeller material	Impeller type codes	Pump identi- fication codes	Ø max solids in susp. Free passage. mm	Max depth of immer- sion in meters	Electric Pump Dimensions in mms	Weight in kg		
m³/h	l/m	0	3,6	7,2	10	15	20	30	40	60	80	120	160	200	240	280	320	360	400	440	480	520	570	630	690	750	1000	1200	1400	1700					
LC20A15-4T	20	15	4	150	22,0	21,7	21,6	21,4	21,2	21,0	20,6	20,3	19,6	18,9	17,4	16,0	14,5	13,1	11,8	10,3	8,9	7,3	5,8	4,1			cast iron	cast iron	DAF	CW	80x140	20	505x445x1085	230	
LC20A20-4T	20	15	4	150	21,7					21,3	21,1	20,9	20,0	19,2	17,2	15,8	14,0	12,3	10,4	7,6	5,5					cast iron	cast iron	SC	CW	95	20	600x590x950	225		
LC20A25-4T	20	15	4	150	21,0	20,8	20,7	20,5	20,3	20,1	19,7	19,4	18,7	18,0	16,5	15,1	13,6	12,2	10,9	9,4	8,0	6,4	4,9	3,2			cast iron	cast iron	DAF	CW	80x140	20	505x445x1085	230	
LC20A30-4T	20	15	4	150	19,3	19,1	19,0	18,9	18,7	18,6	18,3	18,0	17,4	16,8	15,6	14,5	13,3	12,0	10,6	9,1	7,3	5,0					cast iron	cast iron	DAF	CW	100x140	20	505x445x1085	230	
LC20A35-6T	20	15	6	150	17,3																							cast iron	Ni-cast iron	DC	CW	100	20	673x543x1629	320
LC20A41-6T	20	15	6	200	11,8																							cast iron	cast iron	TC	CW	80	20	770x645x1050	475
LC20A45-8T	20	15	8	200	10,2																							cast iron	Ni-cast iron	TC	CW	102	20	782x604x1254	414
LC20A50-8T	20	15	8	250	9,2																							cast iron	Ni-cast iron	TC	CW	105	20	1014x755x1378	490
LC25A00T	25	18,5	2	80	66,0					63,0	61,7	60,3	57,7	55,0														cast iron	Ni-cast iron	SC	CW	40	20	437x336x1009	190
LC25A05T	25	18,5	2	100	45,0																							cast iron	Ni-cast iron	TA	CW	40	20	462x352x944	200
LC25A10-4T	25	18,5	4	150	32,7																							cast iron	cast iron	SC	CW	108	20	655x590x1150	334
LC25A15-4T	25	18,5	4	150	23,1	23,0	23,0	22,9	22,7	22,6	22,3	22,0	21,4	20,8	19,6	18,5	17,3	16,0	14,6	13,1	11,3	8,5					cast iron	cast iron	DAF	CW	100x140	20	505x445x1087	250	
LC25A20-4T	25	18,5	4	150	21,1	21,0	21,0	20,9	20,7	20,6	20,3	20,0	19,4	18,8	17,6	16,5	15,3	14,0	12,6	11,1	9,3	6,8					cast iron	cast iron	DAF	CW	100x140	20	505x445x1086	250	
LC25A25-6T	25	18,5	6	200	20,2																							cast iron	cast iron	DC	CW	90x125	20	740x587x1330	460
LC25A30-6T	25	18,5	6	200	19,0																							cast iron	cast iron	DC	CW	90x125	20	740x587x1330	460
LC25A35-6T	25	18,5	6	200	15,5																							cast iron	cast iron	TC	CW	80	20	770x645x1050	492
LC28A00-4T	28	20	4	150	30,2																							cast iron	Ni-cast iron	SC	CW	100	20	673x543x1629	320
LC28A05-6T	28	20	6	200	16,8																							cast iron	Ni-cast iron	DC	CW	102	20	783x604x1655	471
LC30A00T	30	22	2	100	51,0																							cast iron	Ni-cast iron	TA	CW	40	20	462x352x1419	230
LC30A05-4T	30	22	4	150	34,8																							cast iron	cast iron	SC	CW	108	20	655x590x1150	341
LC30A10-4T	30	22	4	150	25,5	25,3	25,0	24,8	24,4	24,0	23,3	22,7	21,6	20,6	19,2	18,0	17,0	15,9	14,7	13,5	12,0	10,5	8,8					cast iron	cast iron	DAF	CW	100x140	20	505x445x1160	370
LC30A15-6T	30	22	6	200	23,3																							cast iron	cast iron	DC	CW	90x125	20	740x587x1330	460
LC30A20-6T	30	22	6	200	21,9																							cast iron	cast iron	DC	CW	90x125	20	740x587x1330	460
LC30A21-6T	30	22	6	200	17,6																							cast iron	cast iron	TC	CW	80	20	770x645x1050	502
LC30A25-6T	30	22	6	200	17,2																							cast iron	Ni-cast iron	TC	CW	102	20	783x604x1655	462
LC30A30-8T	30	22	8	250	12,7																							cast iron	Ni-cast iron	TC	CW	105	20	1014x755x1378	480
LC33A00-4T	33,5	25	4	150	30,3																							cast iron	Ni-cast iron	DC	CW	80	20	673x543x1629	355
LC33A05-4T	33,5	25	4	150	25,2																							cast iron	Ni-cast iron	DC	CW	100	20	673x543x1629	351
LC33A15-8T	33,5	25	8	300	14,8																							cast iron	Ni-cast iron	QA	CW	140	20	1065x930x2271	1024
LC40A00-4T	40	30	4	200	27,3																							cast iron	cast iron	DC	CW	90x125	20	740x587x1330	460
LC40A05-4T	40	30	4	200	23,8																							cast iron	cast iron	DC	CW	90x125	20	740x587x1330	460
LC40A15-6T	40	30	6	250	16,9																							cast iron	Ni-cast iron	TC	CW	105	20	978x753x1640	540
LC48A00-4T	48	36	4	150	36,5																							cast iron	Ni-cast iron	DC	CW	100	20	649x543x1602	480
LC48A05-4T	48	36	4	150	31,5																							cast iron	Ni-cast iron	DC	CW	80	20	675x542x1601	355
LC54A00-6T	54	40	6	250	22,6																							cast iron	Ni-cast iron	TC	CW	105	20	978x755x1894	730
LC54A05-6T	54	40	6	300	20,3																							cast iron	Ni-cast iron	QA	CW	140	20	1065x930x2271	1024
LC65A00T	65	48	2	150	55,7																							cast iron	Ni-cast iron	TC	CW	50	20	589x470x1527	420
LC70A00-4T	70	52	4	150	42,8																							cast iron	Ni-cast iron	DC	CW	60	20	749x615x1877	565
LC70A05-4T	70	52	4	200	34,3																							cast iron	Ni-cast iron	DC	CW	102	20	786x641x1878	665
LC80A00-6T	80	60	6	300	27,5																							cast iron	Ni-cast iron	QA	CW	140	20	1065x930x2352	1200
LC107A00-4T	107	80	4	150	52,0																							cast iron	Ni-cast iron	DC	CW	60	20	749x615x1958	565
LC107A05-4T	107	80	4	250	44,5																							cast iron	Ni-cast iron	DC	CW	105	20	978x753x1975	914

• Reduction in speed will result in a fall of performance.

- All pumps supplied with 5 mt cable length; other lengths available on request.

CUTTER - Cutter Sewage Wastewater Submersible Electric Pumps

Cutter Sewage Wastewater Submersible Electric Pumps with open cutting impeller
with diffusor and blade device for liquids containing fibres. - *Liqua™*

LEGEND

Pump identification codes:

CV = motor housing and pump body in cast iron, vortex impeller.

SCV = motor housing in stainless steel and pump body in cast iron, vortex impeller.



TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																				Pump material	Impeller material	Pump identification codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg		
1~ 230V 50Hz	3~ 400V 50Hz				m³/h	0	1,8	3	3,6	5,4	6	7,2	9	10,8	12	12,6	14,4	15	16,2	18	20	21	23	25	28								
					l/m	0	30	50	60	90	100	120	150	180	200	210	240	250	270	300	330	350	380	417	468								
LT-1200		1,2	0,9	1"1/4		18,8	17,2	16,0	15,4	13,6	13,0	11,7	9,7	7,6	6,2											cast iron	cast iron	CV	6	20	232x215x375	25	
	LT-1200T					18,8	17,2	16,0	15,4	13,6	13,0	11,7	9,7	7,6	6,2																		
LT-1205		1,2	0,9	1"1/4"		17,7	16,7	15,8	15,2	13,5	12,9	11,4	9,3	7,2	5,9	5,2											cast iron	cast iron	CV	6	20	205x185x385	23
	LT-1205T					17,7	16,7	15,8	15,2	13,5	12,9	11,4	9,3	7,2	5,9	5,2																	
LT-1210		1,2	0,9	1"1/2"		13,3	11,0	10,0	9,6	8,3	8,0	7,4	6,5	5,5	4,6	4,2	2,7	2,2	1,2								cast iron	cast iron	SCV	5	20	189x189x413	16
	LT-1210T					13,3	11,0	10,0	9,6	8,3	8,0	7,4	6,5	5,5	4,6	4,2	2,7	2,2	1,2														
LT-1500		1,5	1,1	50		21,6	19,6	18,3	17,8	16,3	15,7	14,4	12,4	10,8	9,7	9,3	8,0	7,5	6,0	2,1							cast iron	cast iron	CV	5	20	326x326x470	34
	LT-1500T					21,6	19,6	18,3	17,8	16,3	15,7	14,4	12,4	10,8	9,7	9,3	8,0	7,5	6,0	2,1													
LT-1505		1,5	1,1	40		20,9	20,5	20,1	19,9	18,8	18,4	17,4	15,8	14,1	12,8											cast iron	cast iron	CV	6	20	268x224x460	40	
	LT-1505T					20,9	20,5	20,1	19,9	18,8	18,4	17,4	15,8	14,1	12,8																		
LT-1510		1,5	1,1	2"		20,0	19,4	19,1	18,8	18,1	17,8	17,3	16,5	15,4	14,6	14,2	13,1	12,7	11,7	10,2						cast iron	cast iron	CV	6	20	282x282x513	35	
	LT-1510T					20,0	19,4	19,1	18,8	18,1	17,8	17,3	16,5	15,4	14,6	14,2	13,1	12,7	11,7	10,2													
LT-1515		1,5	1,1	1"1/4"		19,8	18,5	17,5	17,0	15,1	14,5	13,2	11,1	9,2	7,9	7,1	4,1								cast iron	cast iron	CV	6	20	205x185x385	25		
	LT-1515T					19,8	18,5	17,5	17,0	15,1	14,5	13,2	11,1	9,2	7,9	7,1	4,1																
LT-1525		1,5	1,1	1"1/2"		19,6	18,1	16,7	15,8	12,6	11,1	7,8	2,1												cast iron	cast iron	SCV	5	5	225x225x356	22,5		
	LT-1525T					19,6	18,1	16,7	15,8	12,6	11,1	7,8	2,1																				
LT-1530		1,5	1,1	1"1/2"		16,5	15,9	15,5	15,3	14,6	14,4	13,9	12,8	11,4	10,4	9,9	8,4	7,8	6,4							cast iron	cast iron	CV	5	8	285x210x433	37	
	LT-1530T					16,5	15,9	15,5	15,3	14,6	14,4	13,9	12,8	11,4	10,4	9,9	8,4	7,8	6,4														
LT-1531		1,5	1,1	2"		16,5	13,2	12,5	11,9	9,7	8,8	6,6	3,4												cast iron	cast iron	SCV	8	10	280x200x425	25		
	LT-1531T					16,5	13,2	12,5	11,9	9,7	8,8	6,6	3,4																				
LT-1535		1,5	1,1	50		15,7	14,3	13,3	12,7	10,9	10,3	9,1	7,1	5,0	3,7	3,0									cast iron	cast iron	CV	5	20	270x270x465	29		
	LT-1535T					15,7	14,3	13,3	12,7	10,9	10,3	9,1	7,1	5,0	3,7	3,0																	
LT-1540		1,5	1,1	50		15,7	14,3	13,3	12,7	10,9	10,3	9,1	7,1	5,0	3,7	3,0									cast iron	cast iron	CV	5	20	270x270x445	38		
	LT-1540T					15,7	14,3	13,3	12,7	10,9	10,3	9,1	7,1	5,0	3,7	3,0																	
LT-1545T		1,5	1,1	40		12,7	11,9	11,2	10,8	9,6	9,2	8,3	6,9	5,6	4,8										cast iron	cast iron	CV	6	20	239x194x441	39		

CUTTER - Cutter Sewage Wastewater Submersible Electric Pumps

TYPES		HP	kW	DNm Ø	Q = Performance at 2900 rpm																			Pump material	Impeller material	Pump identifica-tion codes	Ø max solids in susp. Free passage. mm	Max depth of immersion in meters	Electric Pump Dimensions in mms	Weight in kg			
1~ 230V 50Hz	3~ 400V 50Hz				0	1,8	3	3,6	5,4	6	7,2	9	10,8	12	12,6	14,4	15	16,2	18	20	21	23	25	28									
					0	30	50	60	90	100	120	150	180	200	210	240	250	270	300	330	350	380	417	468									
	LT-1550T	1,5	1,1	40	12,0	11,1	10,5	10,3	9,4	9,1	8,5	7,6	6,8	6,2	5,9	5,0									cast iron	cast iron	CV	7	20	281x242x391	40		
LT-1555		1,5	1,1	40	11,9	11,0	10,3	9,9	8,6	8,2	7,2	5,8	4,4	3,5											cast iron	cast iron	CV	6	20	239x194x441	30		
LT-2000		2	1,5	1"1/2	23,7	23,4	23,0	22,7	21,6	21,3	20,6	19,3	17,5	16,2	15,5	13,4	12,6	11,0	8,2					cast iron	cast iron	CV	5	8	285x210x433	44			
LT-2000T		2	1,5	1"1/2	23,7	23,4	23,0	22,7	21,6	21,3	20,6	19,3	17,5	16,2	15,5	13,4	12,6	11,0	8,2					cast iron	cast iron	CV	5	8	285x210x433	44			
LT-2005		2	1,5	2"	22,8	22,3	21,9	21,7	21,1	20,9	20,4	19,7	18,8	18,2	17,9	16,8	16,4	15,4	13,8					cast iron	cast iron	CV	6	20	282x282x513	36			
LT-2005T		2	1,5	2"	22,8	22,3	21,9	21,7	21,1	20,9	20,4	19,7	18,8	18,2	17,9	16,8	16,4	15,4	13,8					cast iron	cast iron	CV	6	20	282x282x513	36			
LT-2006		2	1,5	2"	22,7	22,0	21,5	21,2	20,0	19,6	18,5	17,0	15,7	14,4	13,6	10,2	9,3	7,7	5,7	3,2	2,1			cast iron	cast iron	SCV	8	10	320x230x460	30			
LT-2006T		2	1,5	2"	22,7	22,0	21,5	21,2	20,0	19,6	18,5	17,0	15,7	14,4	13,6	10,2	9,3	7,7	5,7	3,2	2,1			cast iron	cast iron	SCV	8	10	320x230x460	30			
LT-2010		2	1,5	2"	21,6	20,1	19,2	18,7	17,4	17,0	16,2	14,9	13,7	12,9	12,4	10,8	10,1	8,7	6,2	3,6					cast iron	cast iron	SCV	5	5	225x225x425	28,5		
LT-2010T		2	1,5	2"	21,6	20,1	19,2	18,7	17,4	17,0	16,2	14,9	13,7	12,9	12,4	10,8	10,1	8,7	6,2	3,6					cast iron	cast iron	SCV	5	5	225x225x425	28,5		
LT-2015		2	1,5	50	20,6	20,0	19,5	19,1	17,9	17,5	16,7	15,1	13,3	12,1	11,4	9,1	8,3	6,7	4,3	2,4					cast iron	cast iron	CV	5	20	270x270x445	38		
LT-2015T		2	1,5	50	20,6	20,0	19,5	19,1	17,9	17,5	16,7	15,1	13,3	12,1	11,4	9,1	8,3	6,7	4,3	2,4					cast iron	cast iron	CV	5	20	270x270x445	38		
LT-2500		2,5	1,8	1"1/2	28,8	28,2	27,7	27,5	26,8	26,5	25,8	24,7	23,4	22,2	21,6	19,7	19,0	17,7	15,7	13,3	11,8	8,2			cast iron	cast iron	CV	5	8	285x210x433	46		
LT-2500T		2,5	1,8	1"1/2	28,8	28,2	27,7	27,5	26,8	26,5	25,8	24,7	23,4	22,2	21,6	19,7	19,0	17,7	15,7	13,3	11,8	8,2			cast iron	cast iron	CV	5	8	285x210x433	46		
LT-2505		2,5	1,8	50	27,8	25,1	23,5	22,8	21,1	20,5	19,6	18,3	16,7	15,6	15,0	13,1	12,3	10,3	6,2					cast iron	cast iron	CV	5	20	373x373x540	35			
LT-2505T		2,5	1,8	50	27,8	25,1	23,5	22,8	21,1	20,5	19,6	18,3	16,7	15,6	15,0	13,1	12,3	10,3	6,2					cast iron	cast iron	CV	5	20	373x373x540	35			
LT-2506		2,5	1,8	2"	26,8	26,2	25,8	25,4	24,2	23,7	22,7	21,1	19,9	18,5	17,7	14,5	13,7	12,4	10,3	7,4	6,1	3,1			cast iron	cast iron	SCV	8	10	320x230x460	36		
LT-2506T		2,5	1,8	2"	26,8	26,2	25,8	25,4	24,2	23,7	22,7	21,1	19,9	18,5	17,7	14,5	13,7	12,4	10,3	7,4	6,1	3,1			cast iron	cast iron	SCV	8	10	320x230x460	36		
LT-2510		2,5	1,8	50	25,8	25,1	24,6	24,3	23,3	23,0	22,2	21,1	19,7	18,6	18,1	16,5	16,0	14,6	12,4	9,9	8,3	5,2					cast iron	cast iron	CV	5	20	270x270x445	40
LT-2515		2,5	1,8	1"1/2	25,0	23,1	22,1	21,5	20,1	19,7	18,9	17,8	16,8	16,2	15,9	15,0	14,6	14,0	13,0	11,7	11,1	9,5					cast iron	cast iron	CV	6	20	280x250x453	40
LT-2515T		2,5	1,8	1"1/2	25,0	23,1	22,1	21,5	20,1	19,7	18,9	17,8	16,8	16,2	15,9	15,0	14,6	14,0	13,0	11,7	11,1	9,5					cast iron	cast iron	CV	6	20	280x250x453	40
LT-2520		2,5	1,8	50	24,2	23,5	23,0	22,7	21,6	21,2	20,2	18,5	16,7	15,2	14,5	12,2	11,3	9,4	5,9					cast iron	cast iron	CV	5	20	270x270x445	40			
LT-3000T	3	2,2	50		35,0	32,7	31,2	30,4	28,3	27,7	26,5	24,5	22,7	21,3	20,6	18,1	17,2	13,9	4,1					cast iron	cast iron	CV	5	20	373x373x540	37			
LT-3005T	3	2,2	2"		26,9	26,3	26,0	25,8	25,2	25,0	24,6	24,0	23,2	22,7	22,3	21,3	20,9	20,0	18,7					cast iron	cast iron	CV	6	20	282x282x513	37			
LT-3010T	3	2,2	2"		24,2	22,6	21,6	21,3	20,4	20,1	19,3	18,0	16,9	16,0	15,3	13,6	12,9	11,3	8,8	5,2	3,1			cast iron	cast iron	SCV	5	5	225x225x425	29			
LT-3300T	3,3	2,5	1"1/2		29,0	27,3	26,3	25,8	24,5	24,1	23,4	22,4	21,4	20,8	20,5	19,5	19,2	18,5	17,5	16,2	15,4	13,8	11,9	8,3			cast iron	cast iron	CV	6	20	280x250x453	40
LT-4000T	4	3	1"1/2		38,8	36,1	34,6	33,9	32,3	31,8	30,9	29,8	28,7	27,9	27,5	26,1	25,5	24,3	22,1	18,9	17,0	12,3					cast iron	cast iron	CV	6	20	294x245x467	50
LT-4005T	4	3	50		34,5	33,5	32,8	32,4	31,4	31,0	30,3	29,4	28,1	27,2	26,8	25,5	25,0	24,0	22,2					cast iron	cast iron	CV	6	20	324x324x595	59			
LT-4010T	4	3	40		32,8	32,3	31,9	31,7	30,9	30,6	29,9	28,8	27,5	26,5										cast iron	cast iron	CV	7	20	288x242x426	45			
LT-5500T	5,5	4	1"1/2		43,0	40,8	39,6	39,0	37,4	37,0	36,0	34,8	33,5	32,6	32,2	30,7	30,1	28,9	26,9	24,1	22,5	18,8					cast iron	cast iron	CV	6	20	294x245x467	56
LT-5505T	5,5	4	50		39,8	38,7	38,0	37,7	36,7	36,4	35,7	34,9	33,8	33,1	32,7	31,4	31,0	30,1	28,4	25,8					cast iron	cast iron	CV	6	20	324x324x595	61		
LT-7000T	7	5,2	40		39,9	39,6	39,3	39,1	38,3	37,9	37,2	35,8	34,4	33,4	32,8										cast iron	cast iron	CV	7	20	297x242x485	64		
LT-7500T	7,5	5,5	65		49,2	48,3	47,6	47,3	46,2	45,8	45,1	44,0	42,8	42,0	41,6	40,5	40,1	39,2	37,2	31,5	27,5					cast iron	cast iron	CV	6	20	375x375x680	69	
LT-10A00T	10	7,5	65		56,2	55,1	54,3	54,0	52,9	52,5	51,8	50,7	49,3	48,5	48,1	47,0	46,6	45,9	44,0	38,9	35,0	25,8					cast iron	cast iron	CV	6	20	375x375x680	71

• Reduction in speed will result in a fall of performance.

• DO NOT RUN PUMP DRY!

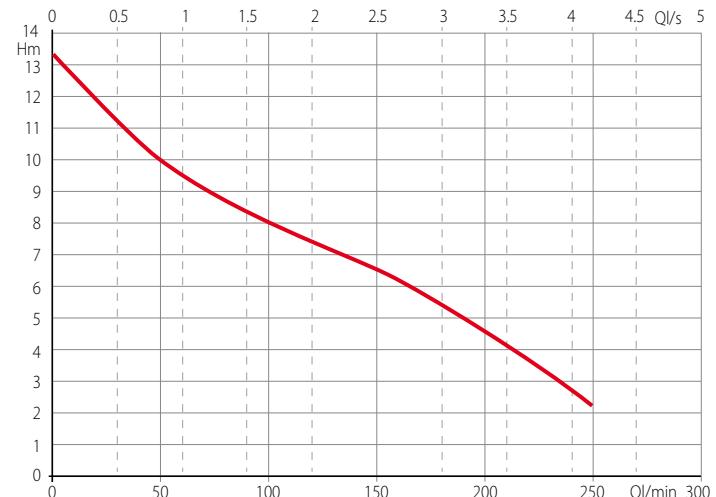
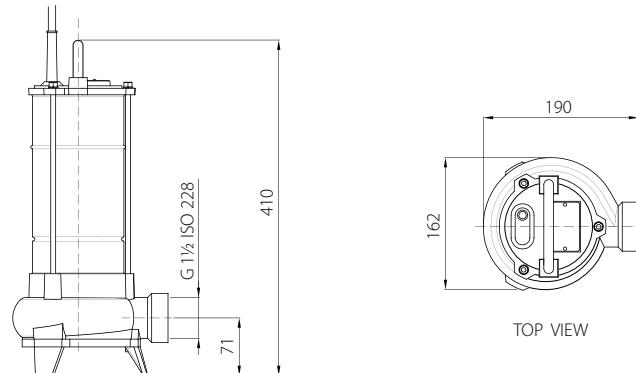
• Tolerances according to ISO 9906, Annex A.

PUMPING LIFTING STATIONS, COUPLING DEVICES AND BALL CHECK VALVES

Cutter, sewage wastewater submersible pumps , impeller with grinder unit - Liqua™

The cutter unit, in a special hard stainless steel, cuts into small pieces threadlike materials contained in the liquids.

These pumps are suitable to lift the sewage of blocks of flats, villas and small isolated areas faraway from the sewer system; the sewage of hotels and campsites, in the paper and food industry, in the agriculture and where a gravity system installation is too expensive.



TYPE	HP	kW	DNm Ø	Q = Performance at 2900 rpm													
				m³/h	0	1,8	3	3,6	5,4	6	7,2	9	10,8	12	12,6	14,5	15
				l/m	0	30	50	60	90	100	120	150	180	200	210	240	250
LT-1210T	1,2	0,9	1" 1/2	Hm	13,3	11	10	9,6	8,3	8	7,4	6,5	5,5	4,6	4,2	2,7	2,2

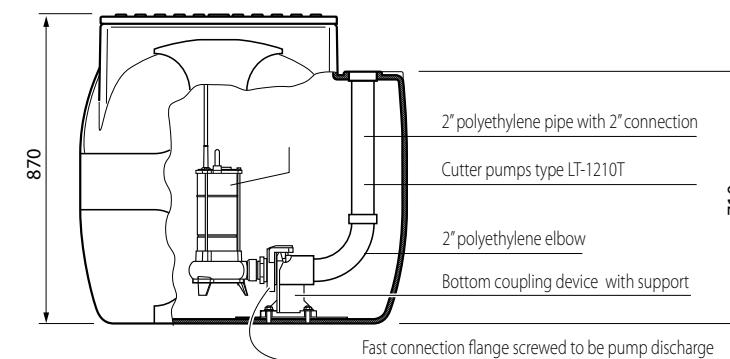
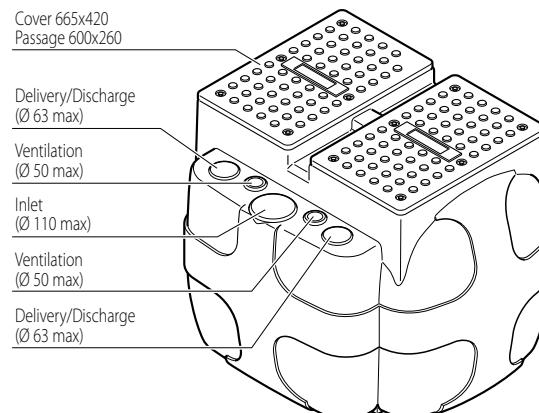
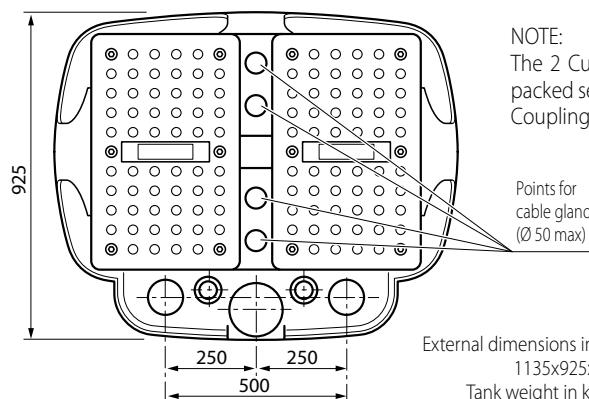
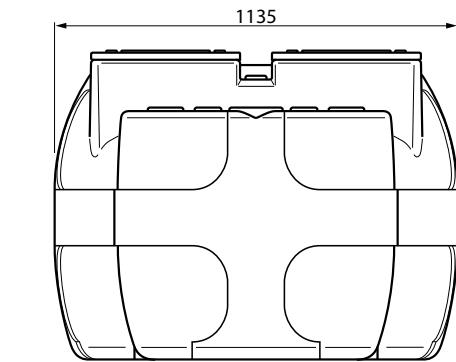
OPERATING CONDITIONS (LIMITS OF USE)	
Maximum depth of immersion	20 m
Maximum temperature of pumped liquid	+ 40 °C
pH of pumped liquid	6 - 10
Density of pumped liquid with y=water specific gravity	1 kg/dm³
Free passage Ø max	Not applicable

PUMP CONSTRUCTION MATERIALS	
Motor casing	Stainless steel AISI 304
Pump body	Cast iron
Pump bracket	Cast iron
Impeller	Cast iron
Grinder	Hardened stainless steel
Shaft	Stainless steel AISI 420
Mechanical seal	Silicon Carbide/Silicon Carbide (SiC/SiC)
Bolts and nuts	Stainless steel grade A2

MOTOR	
3 phase 400 V 50 Hz	
Motor in oil bath	
Number of poles	2
Insulation class	F
Degree of protection IP	68
Maximum tolerance (fluctuation) from the nominal voltage	± 10 %
Starts per hour max	20
Acoustic pressure level issued	< 70 dB(A)
Additional information	Supplied as standard with 5m electric cable type H07RN-F 4G 1mm²

PUMPING LIFTING STATIONS, COUPLING DEVICES AND BALL CHECK VALVES

POLYETHYLENE TANK FOR VALCO SEWAGE LIFTING STATION (to house 2 pumps type LT1210) 650 Litres type 650BC



NOTE:

The 2 Cutter Pumps with the fast connection Flange screwed to the pump discharge are packed separately from the Tank in order to avoid damage during transportation. The Bottom Coupling Device with Support and the 2" Pipe with elbow are supplied fitted into the Tank.



Cover 665x420
Passage 600x260
External dimensions in mm:
1135x925xh865
Tank weight in kgs: 32



pling Devices - Foot Pedestals
Sewage Submersible Pumps
interchangeable to replace
or brands

Protections and control panels
(starters) supplied on request

CBV





MADE IN ITALY

FITTINGS



VALCO®
International trademark



Manufacturing Group established in Italy in 1976 worldwide.
Works, Pump & Motor Test Laboratory, Pumps and Electric Motors Research Centre.

Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

VALCO: THE MOST COMPLETE RANGE OF PUMPS FOR DOMESTIC, AGRICULTURAL, INDUSTRIAL AND CIVIL USE AND A RELIABLE SOURCE OF PUMP AND MOTOR SERVICE:
A GLOBAL, INNOVATIVE AND COMPETITIVE PUMPING AND MOTORS SOLUTION.

WATER AND PUMPS ARE ESSENTIAL FOR LIFE !

FITTINGS

FITTINGS a complete line of Fittings for Pumps and Pumping Systems to ensure fast installation and complete success.

Level Control - Float Level Switches for drainage pumps applications, Fluid Level Regulators for wastewater pump stations mercury-free (no mercury) in conformity with EU RoHS directive (2002/95/EC). Stainless Steel Versions for high temperatures. Probes and Sensors for Level, Pressure, Temperature and Flow. Also available Flame-proof executions following ATEX Ex Directive 94/9/EC for equipment intended for use in potentially explosive atmospheres.

Pressure and Flow Control - Pressure Switches(Pressostats), Constant Pressure Valcontrollers, Electronic Pumpcontrollers and Flow Regulators - it protects the pump from loss of prime and from dry running, eliminating cycling and keeping constant pressure and constant flow. Flow Metering Devices to measure the flow of water or fluid in a circuit. Pressure Gauges (Manometres).

Electric and Electronic Control - Starters, Control Panels and Variable Speed Inverters, (frequency control with modulation), to control, protect and modulate the pumpset (for submersible borehole, drainage and sewage, surface and booster sets: to make an "Intelligent Pump"). Remote Control Devices.

Hoses and Connectors - Flexible Hoses also in stainless steel corrosion-proof. 3way and 5way brass connectors.PVC Steel suction Casings and Pipes with screens, well and raising heads, adapters, closing caps for Borehole and Convad Deep Well Pumps. Fittings for Polyethylene Pipes.

Valves - Non return Check , Foot, Ball, Swing Check Valves, made of brass, bronze, stainless steel, cast iron, ecological, lead-free, multipurpose, free passage full flow to minimize friction losses and to maximize suction performance of pumps, no-clog, best for drinking water also in acetal resin and polypropylene with available sizes from $\frac{1}{2}$ " to 4". Pressure Reducers and Pressure Stabilizers, Safety Valves, Surge and Pressure Diaphragm Relief Valves to reduce the excess pressure generated to avoid major damages to the equipment -designed to protect systems and persons from the dangers and damages of over pressure in water and heating pipe systems. Flanged Ball Retaining Valves for sewage wastewater pumps and systems. Special Valves for petrol and chemical Industry, off-shore installations and pipelines. High Pressure Valves, Globe Valves for harsh services, check non return Valves to prevent flow reversal in severe applications to ASME, API, DIN, ISO and other Standards.

Filtres with Cartridges - In-Line Cartridge Water Filters with Cartridges. Impurity collecting Filters, Self-Cleaning Filters.

Replaceable Membrane Vessels with Spare Membranes - Replaceable Membrane Vessel Accumulator Draw Off Tanks (diaphragm, bladder and accumulators tanks, reservoirs, deposits, liners, etc) in coated steel and in stainless steel corrosion-proof and with high quality and long life resistant ecological butyl membrane(also with stainless steel flanges and in all stainless steel execution) suitable for Drinking Water for human consumption conforming to CE 0036 and requirements PED 97/23/CE, for electric pumps and booster sets. Filtration system tank for Reverse Osmosis. Expansion Tanks for sanitary hot water, for water heaters, for Central Heating and Solar Energy Systems. Vessels for Boilers, Heat Exchangers. Aries Stainless Steel Tanks to act as Water Hammer arrestors- Backflow Preventors and Back Flow Prevention Devices.

Components and Parts for HVAC (Heating, Ventilation and Air Conditioning) - Manifold Connecting Kit for Heating Circuits. Preassembled Manifolds. Circulation Pump Kit with Thermostatic Valves and By-Pass. Hydronic Solutions.

Joining Kits and Electric Cables - Joining Kit to join the electric cable. Electric supply cable for submersible and surface pumps.

For all above products we supply executions suitable for waters for human consumption following EU Directive 98/83/CE.

Controls for Booster Sets and Pumps



V-DRIVE



Variable speed inverters

T-DRIVE



VALCONTROL-1



VALCONTROL-2

with temperature sensor



VALCOTANKCONTROL

Pumpcontroller for constant pressure: it eliminates cycling

VALCONTROL

FITTINGS

new!



vertical multiple function level regulators for narrow spaces, for dirty waters and special fluids, for tanks and cisterns, for minimum and wide variations of levels also for deep wells

MSL



mercury-free to RoHS directive wastewater

PCMF

Float switches and Level regulators



free suspension wastewater

VMS20-P2CAL



VMS-C



Drainage

VMSH-C



VMS20



two-chamber

VMS20-2H

Starters and panels electromechanical and electronic for protection of 1 or more Pumps, Direct, Star-Delta, Soft and Reactance Start, 1phase and 3phase



with overload protection



with overload protection



Inside view



dry running check for borehole pumps



for borehole and submersible pumps



for boosters and drainage pumps



Inside view



3phase



for wastewater



reactance start



Inside view
dry running check ($\text{Cos}\phi$)



for boosters and drainage

FITTINGS

Tanks with replaceable membrane



SC2

C8



C24-SS

stainless
steel



C24-FS

steel type with
stainless steel flange
corrosion-free



SC24



V60

C100

V100



Membranes

Tanks with fixed membrane corrosion-free and maintenance-free



2-litre
stainless steel
water ham-
mer arrester



CM60



ARIES-F016-SS



VM60



Inside view

FITTINGS



FCV2

FSG2

Valco and Square-D Pressure Switches - **VPS**



3way and 5way
Brass Connectors

3-5W

Accessories for boosters



V50D



Pressure Gauges



with glycerine

V50B

V50DG

V50BG



Flexible Hoses steel, stainless steel corrosion-proof

VFH



Ecological, multipurpose
to maximize suction

ECO-FVAR-25



Full flow
Stainless
steel

CVSS



Full flow heavy
duty brass

CFV



Special non
return brass

CSV



Standard
brass

CNV



Foot Valve
brass

FSV



Full Bore brass
and Stainless
steel with Air inlet
for drinking water

CVHA



full bore brass
and stainless
steel

ECO-BV-BVSS



AC Domestic and Industrial Power Plugs and
Electric Cable to world standards

VPC



Ball check valves,
no clogging for
wastewater up to DN600 (24'')

CBV



Inclined relief
safety and pressure
stabilizer

SGV



Gate
valve

GV



Y" filtr
for
liquids

IVY



Safety
relief

VSG

In-line Cartrdige Water Filtres



In-line cartridge water filters

VFC

Single pipe 2" and twin pipe 4" deep well ejector assembly



Single Pipe 2" and Twin Pipe 4" Deep
Well Ejector Assembly



Innovative quick hose
connection

V-QUICKJOINT



Hose with steel wire
reinforcement

V-SPIRAL



Pipes and
Fittings for
Borehole Wells

V-CASINGS

Cable joining kit



Heat Shrink Cable Connection Kit to join the electric cable

V-300JOINT



MADE IN ITALY

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International trademark



ELECTRIC MOTORS - High Efficiency Motors, Energy-saving and with variable Speed controls



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Exclusive High Tech Pumps for Water and Other Fluids, Motors and Controls, in Standard or Custom Designs.

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WATER AND PUMPS ARE ESSENTIAL FOR LIFE!

ELECTRIC MOTORS for Standard and Special Applications, High Efficiencies, Energy-saving and also with Variable Speed Controls.

EFFICIENCY LEVELS FOR THREE PHASE MOTORS to IEC 60034-30

IE1 = Standard Efficiency

IE2 = High Efficiency (comparable to USA EPACT 60Hz)

IE3 = Premium Efficiency (comparable to USA 'NEMA Premium 60Hz')

Ecodesign EU Directive 200532/EC and Commission Regulation EC 640/2009.

Motor construction

Asynchronous Induction Compact AC Power in Standard or Custom Designs. Totally enclosed fan ventilated (TEFC) ranges for industrial applications.

Single phase and three phase.

Standards: Powers and Frames to IEC, IEC 60072-1, IEC 60034-7, IEC

60034-1, IEC 60034-5, IEC 60034-30, EN 50347. With frame sizes from 56 to 500 with construction forms footmounted or flangemounted B3, B5, B14, B3/B5, B3/B14 and special executions on demand. From 2 to 12 pole and with double or multiple polarity and also with Variable Speed Inverter control (frequency control with modulation), soft-starters and controls. Stator frames and shields made of die-cast aluminium or cast iron; ball bearings with double screen, silent: they do not require maintenance; steel or stainless steel shafts.

Degree of protection IP54, other degrees available on request. Insulation Class F or B and other classes available on request, in an ambient temperature not exceeding 40 DEG.C., and at an altitude not exceeding 1000 metres. S1 continuous duty (other duties on demand).

Innovations and Specialties

Windings in Class F with copper wiring in class H2 with impregnation in Class H.

Tropicalization on request. Flame-proof versions available – motors for hazardous areas - following Directive 94/9/EC ATEX for equipment intended for use in potentially explosive atmospheres Exd (motors compatible with explosive atmosphere that are mixed or inflammable: air, gases and dust).

Low Voltage executions for use in installations with safety rules against electrocution.

DC motors and low voltage motors available on demand all throughout the ranges.

AC and DC Brake Motors also available. Asynchronous and Synchronous Generators suitable for Hydropower, Marine and Industrial Applications.

Mains and Inverter Supply.

Custom Built Special Solutions

Special Executions available with special voltages, special shafts and special flanges. Please apply.

Important: we also supply motors components like Wound Stators and Rotor Shafts made to custom designs for customers individual requirements.

Frame Sizes from 56 to 500.

Powers from 0.17 to 560 kW.

Voltages

Single Phase: 230 V

Three Phase: 3 kW and below 230/400 V

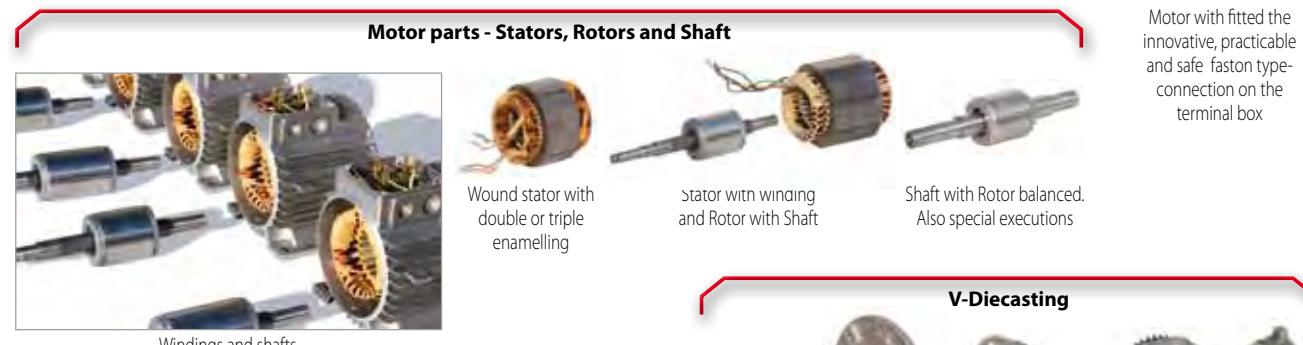
4 kW and above 400/690 V

Other voltages available on request.

Cycles

50 Hz Standard

60 Hz available all throughout the range



ELECTRIC MOTORS

Asynchronous Induction AC Electric Motors, totally enclosed fan cooled (TEFC) squirrel cage rotor.

S1 continuous duty and normal operating conditions.

SINGLE PHASE 2 POLE 3000 min⁻¹

for GENERAL STANDARD APPLICATIONS, B3 FOOTMOUNTED **

TYPES	RATED POWER		FRAME SIZE	min ⁻¹ at 50 Hz	In (A) at 230 V	Weight in Kgs (B3)
	1~	HP	kW			
F63-2M-25	0,25	0,18	63	2750	1,40	3,9
F63-2M-33	0,33	0,25	63	2750	1,90	4,3
F63-2M-50	0,5	0,37	63	2750	2,90	4,6
F71-2M-50	0,50	0,37	71	2750	2,80	5,8
F71-2M-75	0,75	0,55	71	2750	4,10	6,6
F71-2M-100	1	0,75	71	2750	5,10	7,1
F71-2M-150	1,5	1,1	71	2750	7,70	7,6
F80-2M-80	0,80	0,60	80	2750	4,70	9,0
F80-2M-100	1	0,75	80	2750	5,80	9,4
F80-2M-150	1,5	1,1	80	2750	8,30	10,9
F80-2M-200	2	1,50	80	2750	10,50	11,6
F90S-2M-250	2,50	1,85	90S	2810	12,20	14,2
F90L-2M-300	3	2,2	90L	2820	13,70	17,1
F100L-2M-300	3	2,2	100L	2850	14,00	18,9

• Reduction in speed will result in a fall of performance.

The single phase electric motors for general standard applications are supplied in standard execution with terminal box and with permanent split capacitor (PSC).

** = Available also construction form flangemounted B5, B14, B3/B5, B3/B14, and special executions on demand.

SINGLE PHASE 4 POLE 1500 min⁻¹

for GENERAL STANDARD APPLICATIONS, B3 FOOTMOUNTED **

TYPES	RATED POWER		FRAME SIZE	min ⁻¹ at 50 Hz	In (A) at 230 V	Weight in Kgs (B3)
	1~	HP	kW			
F63-4M-25	0,25	0,18	63	1350	1,60	4,4
F71-4M-40	0,4	0,3	71	1350	2,70	6,3
F71-4M-50	0,5	0,37	71	1350	3,20	7,2
F80-4M-50	0,5	0,37	80	1350	3,10	6,9
F80-4M-75	0,75	0,55	80	1350	4,30	8,4
F80-4M-100	1	0,75	80	1350	5,70	9,8
F80-4M-150	1,5	1,1	80	1350	7,50	11,9
F90S-4M-150	1,5	1,1	90S	1380	7,80	13,2
F90L-4M-200	2	1,5	90L	1400	10,00	15,2
F90L-4M-250	2,5	1,85	90L	1400	12,00	17,2
F90L-4M-300	3	2,2	90L	1400	14,00	18,0
F100L-4M-300	3	2,2	100L	1420	13,50	21,4

• Reduction in speed will result in a fall of performance.

ELECTRIC MOTORS

S1 continuous duty and normal operating conditions.

EFFICIENCY LEVELS FOR THREE PHASE MOTORS to IEC 60034-30

IE1 = Standard Efficiency

IE2 = High Efficiency (comparable to USA EPACT 60Hz)

IE3 = Premium Efficiency (comparable to USA "NEMA Premium 60Hz")

Ecodesign EUP Directive 200532/EC and Commision Regulation EC 640/2009.

THREE PHASE 2 POLE 3000 min⁻¹

for GENERAL STANDARD APPLICATIONS, B3 FOOTMOUNTED **

TYPES	RATED POWER		FRAME SIZE	min ⁻¹ at 50 Hz	In (A) at 230 V	Weight in Kgs (B3)
	1~	HP				
F63-2T-25	0,25	0,18	63	2800	0,63	3,8
F63-2T-33	0,33	0,25	63	2800	0,80	4,2
F63-2T-50	0,5	0,37	63	2800	1,13	4,5
F71-2T-50	0,5	0,37	71	2800	1,05	5,4
F71-2T-75	0,75	0,55	71	2800	1,55	6,2
F71-2T-100	1	0,75	71	2800	2,00	6,7
F71-2T-150	1,5	1,1	71	2800	2,95	7,2
F80-2T-100	1	0,75	80	2830	1,85	7,8
F80-2T-150	1,5	1,1	80	2840	2,70	9,6
F80-2T-200 *	2	1,5	80	2840	3,60	11,0
F80-2T-300 *	3	2,2	80	2840	5,30	12,1
F90S-2T-200	2	1,5	90S	2840	3,30	11,9
F90L-2T-300	3	2,2	90L	2840	4,90	14,1
F90L-2T-400 *	4	3	90L	2840	6,70	16,8
F100L-2T-400	4	3	100L	2840	6,40	18,6
F100L-2T-550 *	5,5	4	100L	2840	8,70	22,1
F100L-2T-750 *	7,5	5,5	100L	2840	11,90	23,7
F112M-2T-550	5,5	4	112M	2850	8,60	23,9
F112M-2T-750 *	7,5	5,5	112M	2850	11,60	28,7
F112M-2T-1000 *	10	7,5	112M	2850	15,80	32,1
F132S-2T-750	7,5	5,5	132S	2860	11,60	34,8
F132S-2T-1000	10	7,5	132S	2870	15,00	40,7
F132M-2T-1250 *	12,5	9	132M	2880	18,80	45,2
F132M-2T-1500 *	15	11	132M	2900	22,50	49,9
F132M-2T-2000 *	20	15	132M	2920	31,00	58,0
F160M-2T-1500	15	11	160M	2930	22,00	76,0
F160M-2T-2000	20	15	160M	2930	30,00	85,0
F160L-2T-2500	25	18,5	160L	2930	63,00	98,0
F160L-2T-3000 *	30	22	160L	2935	43,00	115,0
F180M-2T-3000	30	22	180M	2935	41,50	128,0
F180L-2T-4000 *	40	30	180L	2945	56,50	140,0
F180L-2T-5000 *	50	37	180L	2945	70,00	149,0
F200L-2T-4000	40	30	200L	2950	55,50	142,0
F200L-2T-5000	50	37	200L	2950	69,00	151,0

* Reduction in speed will result in a fall of performance.

** = motors out of standards with rated power greater than those of IEC sizes.

*** Available also construction form flangemounted B5, B14, B3/B5, B3/B14, and special executions on demand.

Asynchronous Induction AC Electric Motors, totally enclosed fan cooled (TEFC) squirrel cage rotor.

THREE PHASE 4 POLE 1500 min⁻¹

for GENERAL STANDARD APPLICATIONS, B3 FOOTMOUNTED **

TYPES	RATED POWER		FRAME SIZE	min ⁻¹ at 50 Hz	In (A) at 230V	Weight in Kgs (B3)
	1~	HP				
F63-4T-17	0,17	0,12	63	1360	0,50	3,7
F63-4T-25	0,25	0,18	63	1370	0,75	4,1
F71-4T-33	0,33	0,25	71	1370	0,90	5,5
F71-4T-50	0,5	0,37	71	1380	1,20	6,3
F71-4T-70 *	0,7	0,5	71	1380	1,70	6,9
F80-4T-75	0,75	0,55	80	1400	1,70	8,2
F80-4T-100	1	0,75	80	1400	2,20	9,6
F80-4T-150 *	1,5	1,1	80	1400	3,00	10,7
F90S-4T-150	1,5	1,1	90S	1400	2,80	11,8
F90L-4T-200	2	1,5	90L	1400	3,70	13,3
F90L-4T-300 *	3	2,2	90L	1400	5,40	17,2
F100L-4T-300	3	2,2	100L	1400	5,30	18,0
F100L-4T-400	4	3	100L	1400	7,10	21,2
F100L-4T-550 *	5,5	4	100L	1400	9,60	22,8
F112M-4T-550	5,5	4	112M	1420	9,30	26,2
F112M-4T-750 *	7,5	5,5	112M	1420	12,70	30,6
F132S-4T-750	7,5	5,5	132S	1440	12,00	40,6
F132M-4T-1000	10	7,5	132M	1450	16,00	49,9
F132M-4T-1200 *	12,5	9	132M	1450	20,00	52,2
F132M-4T-1500 *	15	11	132M	1450	24,00	58,5
F160M-4T-1500	15	11	160M	1460	23,00	87,0
F160L-4T-2000	20	15	160L	1460	31,00	102,0
F160L-4T-2500 *	25	18,5	160L	1460	38,00	118,0
F180M-4T-2500	25	18,5	180M	1460	36,00	126,0
F180L-4T-3000	30	22	180L	1460	43,00	139,0
F180L-4T-4000 *	40	30	180L	1465	58,00	148,0
F200L-4T-4000	40	30	200L	1470	57,00	150,0

* Reduction in speed will result in a fall of performance.

ON REQUEST and SPECIALTIES

- High Efficiency levels IE2 (comparable to USA EPACT 60Hz) and IE3 (comparable to USA "NEMA Premium 60Hz)
- customized flanges
- plug-in version for quick, easy and safe connectivity
- Flame-Proof for hazardous areas
- special voltages
- tropicalization
- inverter supply
- multiple polarity from 6 to 12 poles
- IP protections
- insulations
- double winding
- special shafts and hollow shafts
- motors components

We also supply high efficiency Asynchronous and Synchronous Alternators and Permanent Magnet Generators used in conjunction with hydro, gas and wind turbines for production of renewable energies and for Generating Sets and for Marine and Industrial applications. Also DC low voltage direct current. High frequency Rotating Converters for Concrete Vibrators.



MADE IN ITALY

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International trademark



COMPONENTS AND RAW MATERIALS FOR PUMPS AND MOTORS - Development, Design and Manufacturing with Innovative Materials to increase Companies Competitiveness.

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PUMPS and MOTORS COMPONENTS DIVISION

Design - Design and Manufacturing of Carbide Dies, Moulds and Tools with production of magnetic sheets for electric motors: ability to meet customers' requirements also following their own technical drawings up to the design of dies and the manufacturing of components. Robotics and Automatization through Mechatronics with new materials for sustainable Innovation: a combination of Mechanics, Electronics and Computing which assures Products and Systems much more reliable, efficient, economical and versatile and with Nanotechnologies to design new products manufactured for new functions and better technologies and with Commonization to provide high quality at lower costs.

Casting, Pressing, Stamping, Forming and Forging - Cast iron, Bronze and Stainless Steel Castings. Aluminium Die-Castings, Metal cold Forming, Stamping, Blanking, Shearing and Pressing, Raw and Machined and made to order.

Components for Electric Motors

Windings and Shafts - Also Wound Stators and Rotor Shafts made to custom designs for individual requirements.

Components for Pumps

Turned Components to Custom's design

in Stainless Steel, Brass, Cast Iron, Bronze, Plastics, etc.

A complete range of components and spare parts for pumps and electric motors. We are able to identify and select the most suitable materials and technologies for the Customers' individual requirements. Overhauls and Genuine Spare Parts.

PLASTIC RAW MATERIALS and COMPONENTS - DEVELOPMENT, DESIGN AND MANUFACTURING DIVISION

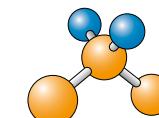
We provide a complete service from Raw Materials to Design and Production. We are able to identify and select the most suitable materials and technologies for the Customers' individual requirements.

Plastic Raw Materials - We supply following First Choice (Premier) Plastic Polymers: ABS, EP, HDPE, LDPE, LLDPE, MF, PA, PBT, PC, PET, PF, PMMA, POM, PP, PS, PSU, PTFE, PUR, PVA, PVC, UF, UP, PE, HIPS, PES, PA, PVDC, PU, PEEK, PEI. We supply Plastic reprocessed Granules with same properties as virgin Polymers, Biopolymers, Natural Polymers, Biodegradables, Compounds, Composites, Elastomers (Rubbers): Healthcare, Non-Toxic, Recyclable plastic products thus contributing to the reduction of environmental pollution.

All products can be delivered filled or unfilled.

Innovative Materials for new products development with best application techniques: Nanocomposite Compounds. Nonwovens made of natural and synthetic fibres, Nonwoven Textiles, Geotextiles, Geosynthetics, Spunbonded fabrics for soil stabilization, erosion control, drainage, environmental protection problems and to suit your particular applications.

For all above products we supply executions suitable for potable drinking waters for human consumption to conform with DM174 following EU Directive 98/83/CE.



We care for
environmental
factors



Castings and Die-castings

Hot-pressing



Hot stamped brass Impellers for Pumps

Cast Iron, Bronze, Stainless Steel , Aluminium, Stainless Steel Stampings:
Pump Bodies, Brackets, Impellers, Diffusers, Shields, Flanges, etc.



Pressing and Forming

Stainless steel and Turned components



Tie rods, self-locking nuts, plugs,
high precision metal parts custom
made

COMPONENTS AND RAW MATERIALS FOR PUMPS AND MOTORS - Development, Design and Manufacturing with Innovative Materials to increase Companies Competitiveness.

Stampings



Stamped thermoplastics made in noryl and other innovative plastic materials: impellers, diffusers, venturi tubes and nozzles, disc holders, fly-wheels, fans, capacitor covers, terminal block covers, etc. also custom made.

Ball bearings



High performance deep groove rollers ball bearings with shields or seals watertight and prelubricated with grease. Specialties on demand.

Terminal blocks



Innovative faston type terminal block for rapid and easy connection

Capacitors



HFC high quality and wide range

Long Life Capacitors also custom made

Pump components for submersible borehole pumps



From 3 to 14" wells

Plastics



Noryl and other innovative plastic materials delivered filled or unfilled, for new products developments, with special compounds, nanocomposites, nonwovens, geosynthetics, ecological, non toxic, biodegradable. Special solutions to meet customers' requirements.

Seals and Mechanical seals



Gaskets,Seals, Washers and O-rings



Clamping and Sealing Range, Cable Glands, Cable Glands



Lower Bellows Silicon Mechanical Seal (Rotating Ring) for pump type L1044VT



Lower Silicon Mechanical Seal (Fixed Ring) for pump type DCH30T



Lower Tungsten Carbide Mechanical Seal (Rotating Ring) for pump type DC30PT



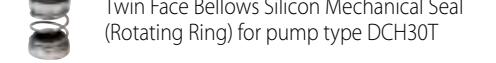
Lower Bellows Silicon Mechanical Seal (Rotating Ring) for pump type D20PAT



Bellows Carbon Mechanical Seal (Rotating Ring) for pump type D8PAF



Lower Silicon Mechanical Seal (Fixed Ring) for pump type L1044VT



Twin Face Bellows Silicon Mechanical Seal (Rotating Ring) for pump type DCH30T



Lower Tungsten Carbide Mechanical Seal (Fixed Ring) for pump type DC30PT



Lower Silicon Mechanical Seal (Fixed Ring) for pump type D20PAT



Alumina Mechanical Seal (Fixed Ring) for pump type D8PAF



Upper Alumina Mechanical Seal (Fixed Ring) for pump type DCH30T

In standard execution and specially made to custom's design to suit all fluids, pressures and temperatures.

STANDARDS, EU DIRECTIVES, REGULATIONS AND RECOMMENDATIONS

NATIONAL, REGIONAL AND INTERNATIONAL STANDARDS

Electric Motors to IEC, IEC 60072-1, IEC 60034-7, IEC 60034-1, IEC 60034-5, EN 50347 Standards.

National Standard Organizations: DIN, BSI, ANSI, NIST, JISC, UNI, GOST-R, SAC, SAI, AENOR, SIS, KATS, DGN, PKN, SASO, SABS, TSE, TCVN, etc.

Low Voltage versions 42V AC following rules CENELEC HD 400.1 for use in installations with safety rules against electrocution.

Most international standards.

Kindly contact us for confirmation and certifications and approvals details.

EU DIRECTIVES

EU Directive 98/83/CE suitable to waters for human consumption executions, RoHS-2002-2002/95/EC Directive, Low Voltage Directive 2006/95/CE, Machines Directive 98/037/EEC, Electromagnetic Compatibility Directive 89/336/EEC, Executions Flame-proof ATEX Ex Directive 94/9/EC for equipment intended for use in potentially explosive atmospheres Exd-IIB-T3-II-2-G.

CERTIFICATIONS and APPROVALS

All major International and National Certifications and Approvals are obtainable on our products through Certifying Bodies and Authorities like UL, NSF, CSA, IMQ, TÜV, ETL, SGS, QSA, ASME, API, WRc, NSF, IAPMO, TTK CE, SEMKO, PSE, GOST-R, UL, CSA, WIMES 3.03 with Certifications and Approvals: BSI, TUV4807, TUV20013, TUV20014, TUV20016, TUV20020, TUVCE0036, Crecep, DVGW, IAPMO, WRAS20014, WRAS20015, WRAS20016, WRAS20018, WRAS20020, DIN 531, DIN 537, DIN 541, DIN P 637, VQM, etc.

Kindly contact us for confirmation and certifications and approvals details.

We provide Testings, Conformity and Inspection Certificates through our Valco modern Testing Laboratory and through major Approved Service and University Testing Laboratories: RTM Breda, CMC, CREI-VEN, NANOFAB, CIVEN, ECSIN, PARCO VEGA; Universities: Università degli Studi of Padua, Università Ca' Foscari of Venice, Università degli Studi of Verona, etc.



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Reduction in speed will result in a fall of performance.

DO NOT RUN PUMP DRY!

Single phase motors may be provided on request with overload motor protection, on 3 phase version the overload motor protection must be provided by the user and we can offer you our lines of control and protection panels (starters).

Tolerances according to ISO 9906, Annex A.

Features subject to change – not contractually valid unless specifically authorized by VALCO.

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Ref. Valco-GPC_Jan2013-0

EFFICIENCY LEVELS FOR THREE PHASE MOTORS to IEC 60034-30 when applicable or required:

IE1 = Standard Efficiency

IE2 = High Efficiency (comparable to USA EPACT 60Hz)

IE3 = Premium Efficiency (comparable to USA "NEMA Premium 60Hz")

Ecodesign EUP Directive 200532/EC and Commision Regulation EC 640/2009.

PUMPS AND MOTORS TO LAST AND TROUBLE-FREE

We want to help our Customers to be Successful, by providing the Best Products and the Highest Service at Competitive Market Prices.

We Solve Pumping Problems, also the most difficult ones, Designing and Building for you the most Reliable, Efficient and Competitive Pumping Solutions.

Contact us for your Pumping Problems !

60 Hz available all throughout the range: please apply.

We provide full Technical Service, Spare Parts, Assistance and Aftersale Service and Maintenance through our Valco Distributors' Network and our Valco Service Centres.



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Useful and valuable products for progress, prosperity and peace®

Head Office, Works, Pump & Motor Test Laboratory Pumps and Electric Motors Research Centre.

VALCO srl

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