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

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!
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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, PVC, PU, PEK, PEEK. 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.
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 grove 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

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

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

Pump components for submersible borehole pumps

From 3 to 14" wells

Stampings

Terminal blocks

Capacitors

Plastics

Seals and Mechanical seals

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 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

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 di Padua, Università Ca’ Foscari of Venice, Università degli Studi of Verona, etc.

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”)

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.

Trademarks

- **VALCO** is a registered trademark of VALCO srl.
- Trademarks Civia, Jetdom, Irrigua, Casalinga, Veta, Demano, Prima, Liqua are registered trademarks of Valco srl.
- Novyl® and General Electric® are registered trademarks and exclusive property of General Electric Company (GE).
- Costenaro Valerio® is a registered trademark of Valerio Costenaro.

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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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