

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.

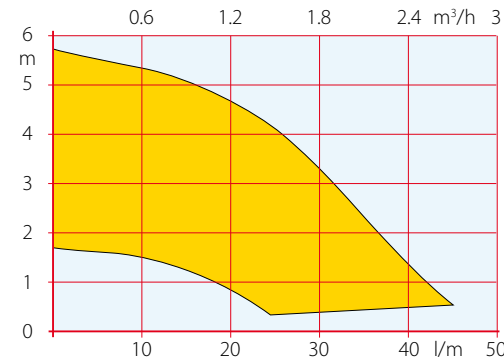
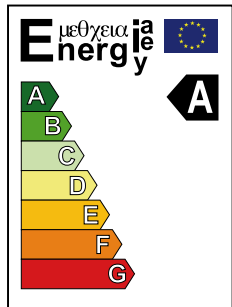
Savings up to 80% less than traditional circulating pumps.

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	MALETHREADING
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

60 Hz available all throughout the range: please apply.

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.

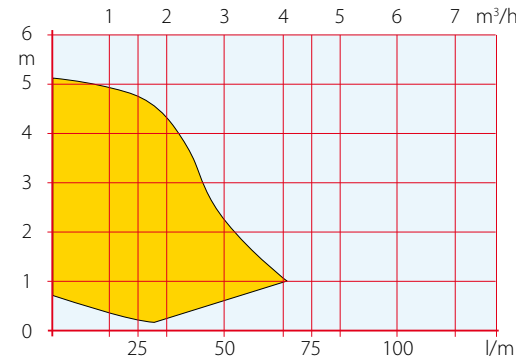
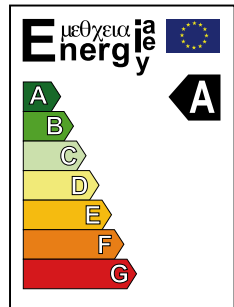
Savings up to 80% less than traditional circulating pumps.

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	MALETHREADING
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

60 Hz available all throughout the range: please apply.

LSC™ - CIRCULATING ELECTRIC PUMPS

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

Wet rotor circulation pump. No mechanical seal is required.

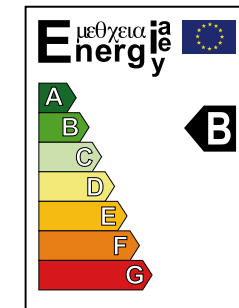
No protection against overload is required. The motor is protected against short-circuit operation.

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	Hm = Total head in meters w.c.	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"		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