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PRODUCT DATA SHEET
CIRCULATION PUMPS

Omnigena

OMEGA 2 series

The OMEGA 2 series pump is designed to circulate a medium in central heating systems. OMEGA 2 is suitable for operation in installations both with constant and variable flow rates (e.g. reduction of the setting at night). The pump's auto-adaptive features allow it to optimally adapt its operating parameters to the con- ditions and current needs resulting from the current heat demand.

FEATURES

- High energy efficiency – reduces energy costs
- Intuitive control panel
- Several types of pressure and speed control
- Automatic selection of characteristics to working conditions
- Resistant to a 50/50 water/glycol solution
- Economical night mode
- Very quiet operation
- Standard mounting connection size
- Cable with plug

MATERIALS

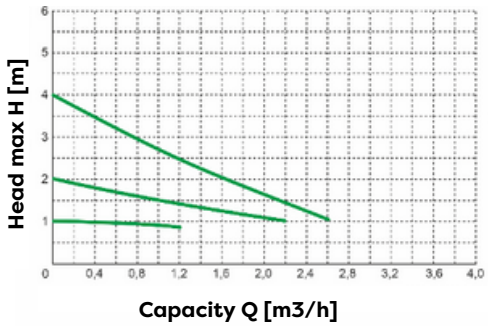
Pump casing	cast iron
Motor housing	aluminium
Rotor	noryl/PPS
Pump shaft	ceramics

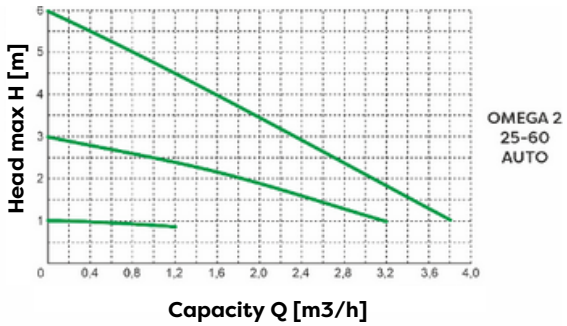
TECHNICAL DATA

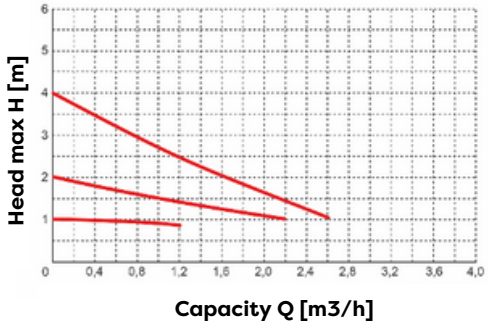
Medium temperature range.	5°C ÷ 110°C
Ambient temperature during operation	0°C ÷ 40°C
Max. system pressure	10 bar
Max. motor speed	2850 rpm
Cable length	1,1 m
Sound pressure	<53 dB
Degree of protection	IP 44
Insulation class	F

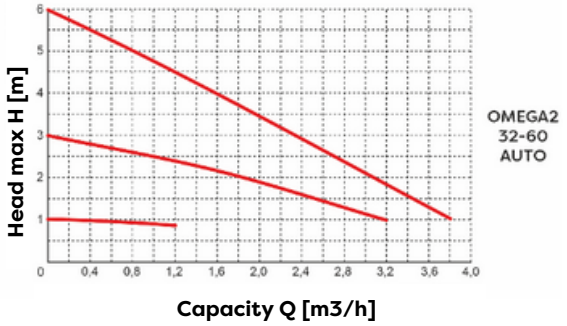
TABLE AND GRAPH OF PARAMETERS

Pump model	H max Head max [m	P max Motor power [kW	U Voltage [V]	I max Current [A]	Dimensions Packaging [cm]	Weight Pumps [kg]	Weight with packaging [kg]
OMEGA2 25-40	] 4	] 22	230	0.10	20.5x15x13	2.4	3
OMEGA2 25-60	6	45	230	0.19	20.5x15x13	2.4	3
OMEGA2 32-40	4	22	230	0.10	20.5x15x13	2.5	3.5
OMEGA2 32-60	6	45	230	0.19	20.5x15x13	2.5	3.5

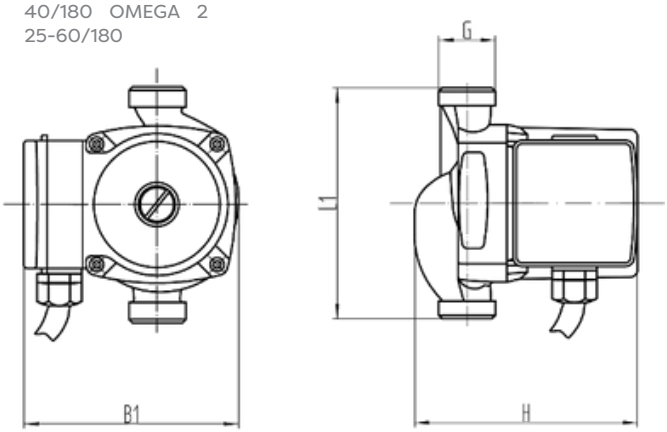




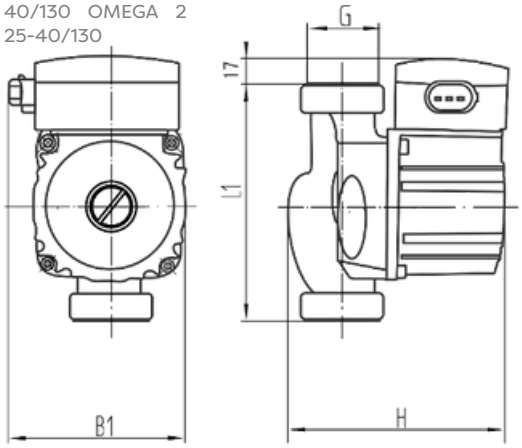




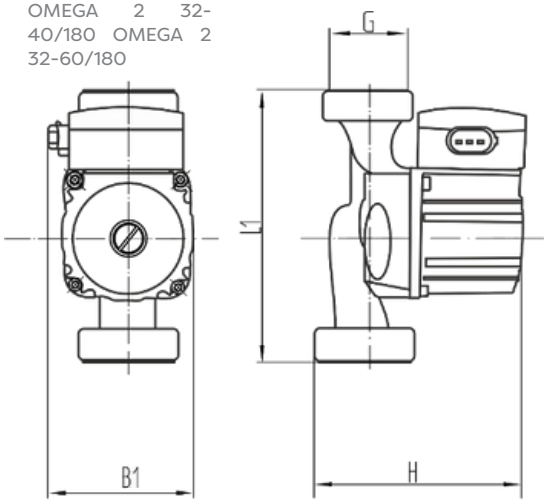
OMEGA 2 25-40/180 OMEGA 2 25-60/180



OMEGA 2 25-40/130 OMEGA 2 25-40/130



OMEGA 2 32-40/180 OMEGA 2 32-60/180



Model	B1 [mm].	H [mm].	L1 [mm].	G [mm].
OMEGA2 25-40	110 | 127	127 | 130	130 | 180	1½"
OMEGA2 25-60	110 | 127	127 | 130	130 | 180	1½"
OMEGA2 32-40	110	133	180	2"
OMEGA2 32-60	110	133	180	2"