

MCP

HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP FOR OPERATIONS WITH SWIMMING POOL CLEANERS

MCP booster pump is specifically studied for meeting the needs of pool cleaning.

- ¥ FOR SWIMMING POOL APPLICATIONS
- ¥ EXTREMELY SILENT RUNNING
- ¥ SUITABLE TO WORK WITH SEA WATER

New!



Applications

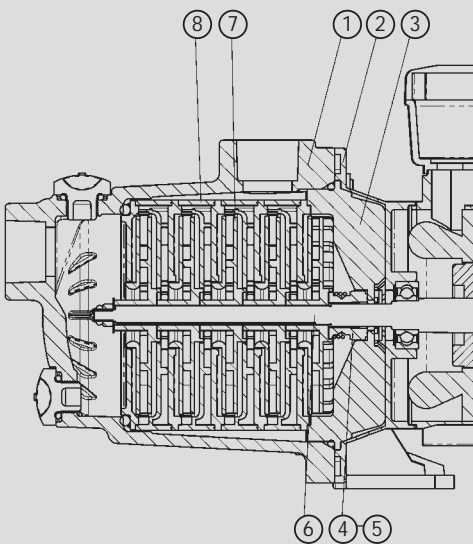
- operations with swimming pool cleaners
- water coming from swimming pool (containing chlorine), sea water.

Usage limitations

- Type of liquid: clean water with no suspended solids or abrasive material
- Swimming pool water treated with chlorine
- Sea water
- Maximum water temperature 50°C
- Maximum recommended suction height: 6 m with foot valve
- Maximum operating pressure 7 bar

Motor

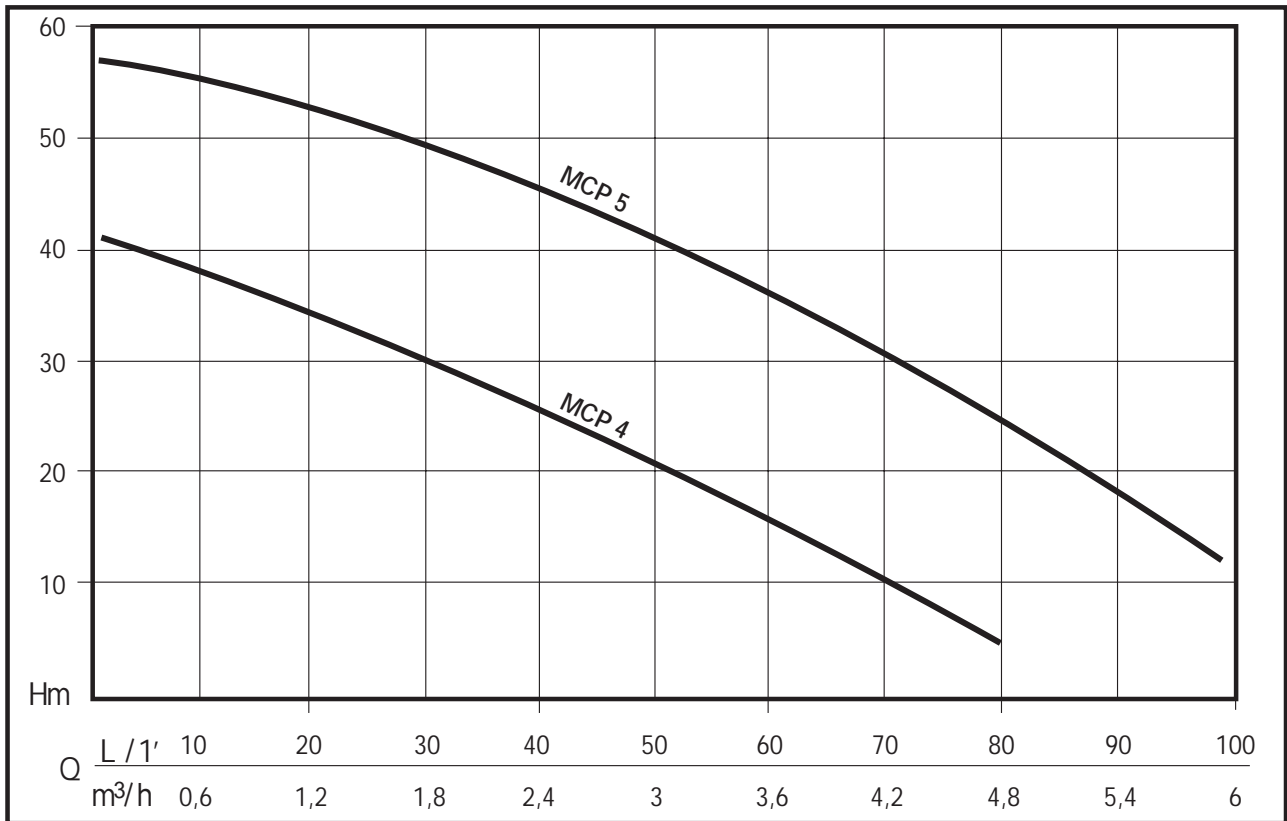
- Enclosed, externally ventilated
- Level of protection IP 44
- Class F insulation
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding
- Speed of rotation 2850 rpm
- Suitable for continuous use



DESIGN FEATURES

Component	Material
1 Pump body	Polypropylene 30% glass loaded
2 Motor support	Die-cast aluminium
3 Seal cover	GFN 2V Noryl
4 Mechanical seal	Graphite/ceramic - metallic parts in stainless steel AISI 316
5 Counterface	Ceramic
6 Motor shaft	X2 CrNiMo 17-12-2 (AISI 316L)
7 Impellers	Technopolymer with stainless steel inserts
8 Diffusers	Technopolymer
9 O' rings	NBR

TABLE OF HYDRAULIC PERFORMANCE



PUMP PERFORMANCE

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE (V)	Amp.	F.	Q	Discharge head in meters					
		HP	kW	HP	kW					L/1'	0	20	40	60	80
N4300000	MCP 4	0,7	0,5	1,1	0,8	1 ~ 230 V	4	12,5	m³/h	0	1,2	2,4	3,6	4,8	6
N4300010	MCP 5	1,1	0,85	1,7	1,25	1 ~ 230 V	5,8	20		0	1,2	2,4	3,6	4,8	6

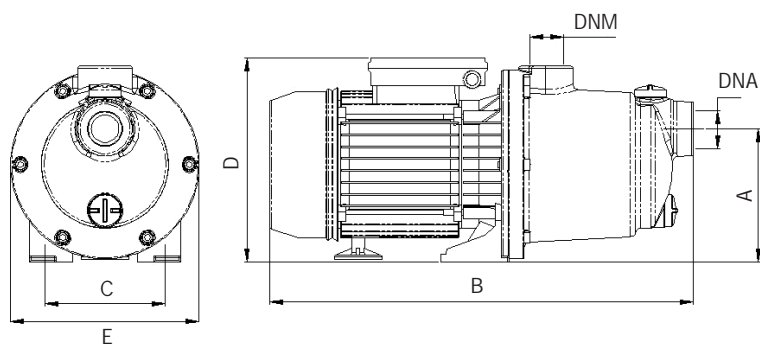


TABLE OF SIZES AND WEIGHTS

Model	Dimension mm.							Weight kg
	A	B	C	D	E	DNA	DNM	
MCP 4	123	370	99	185	174	1	1	7
MCP 5	123	385	99	190	174	1	1	9