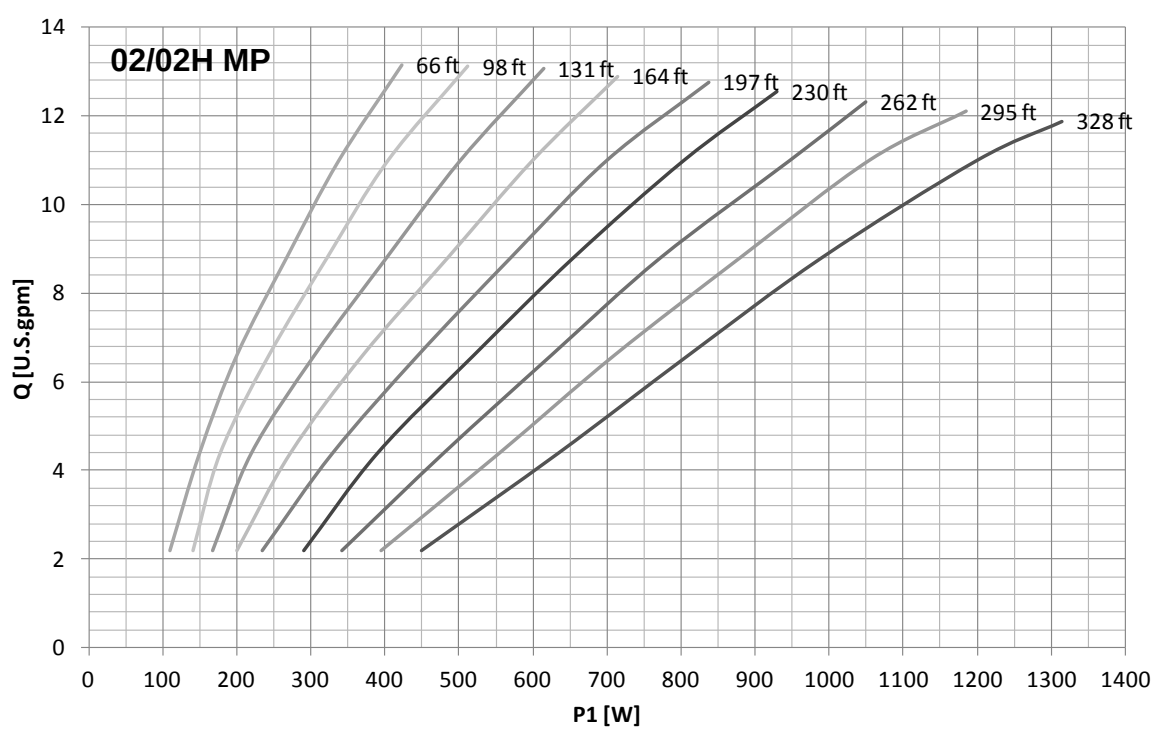
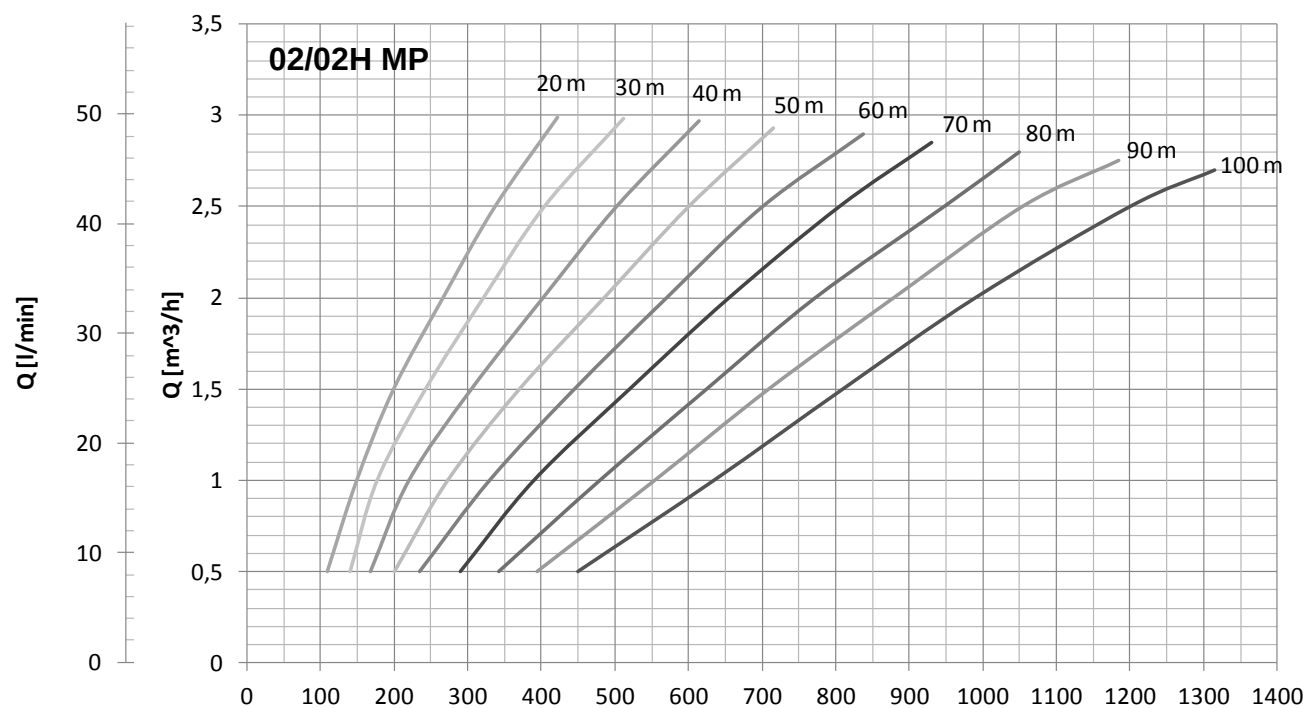


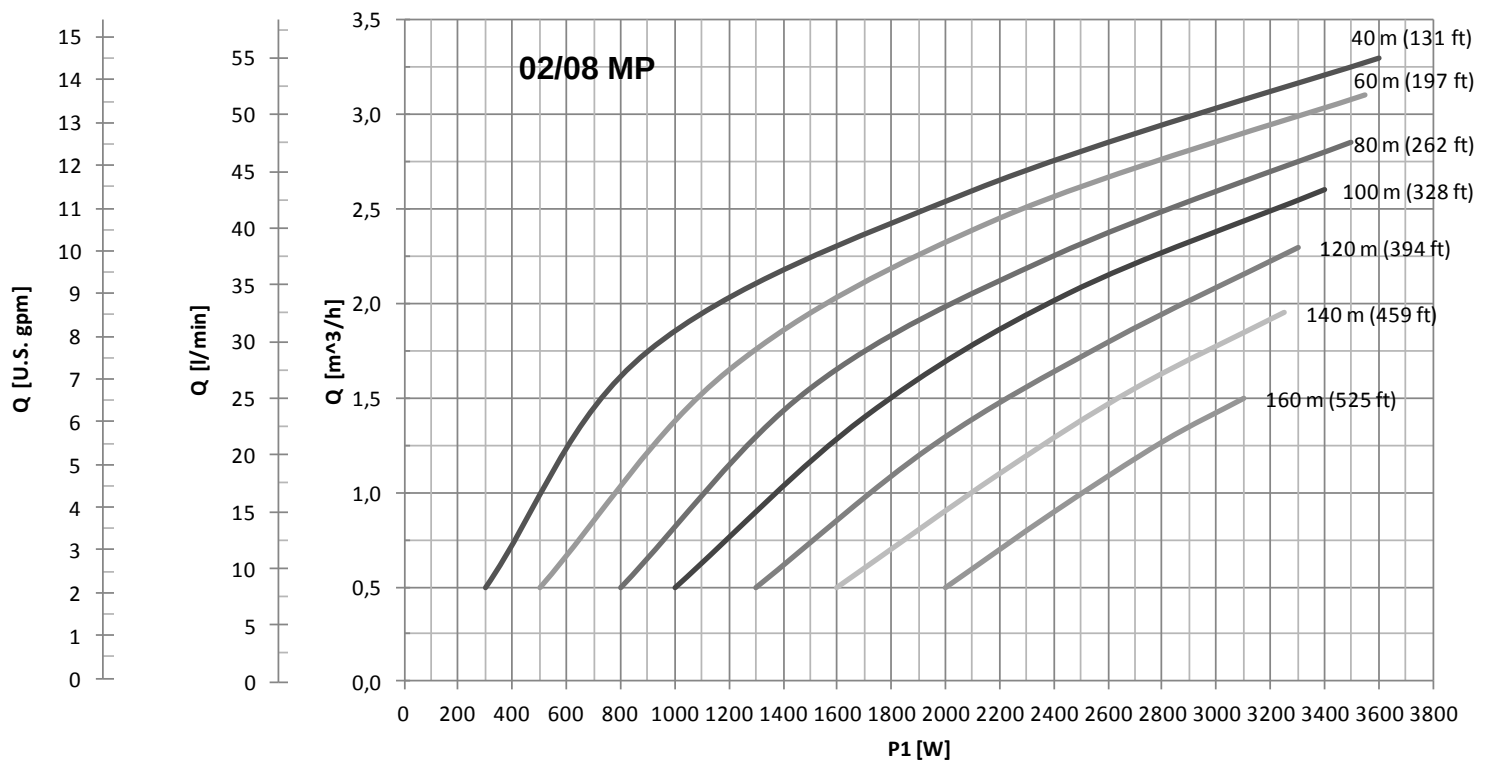
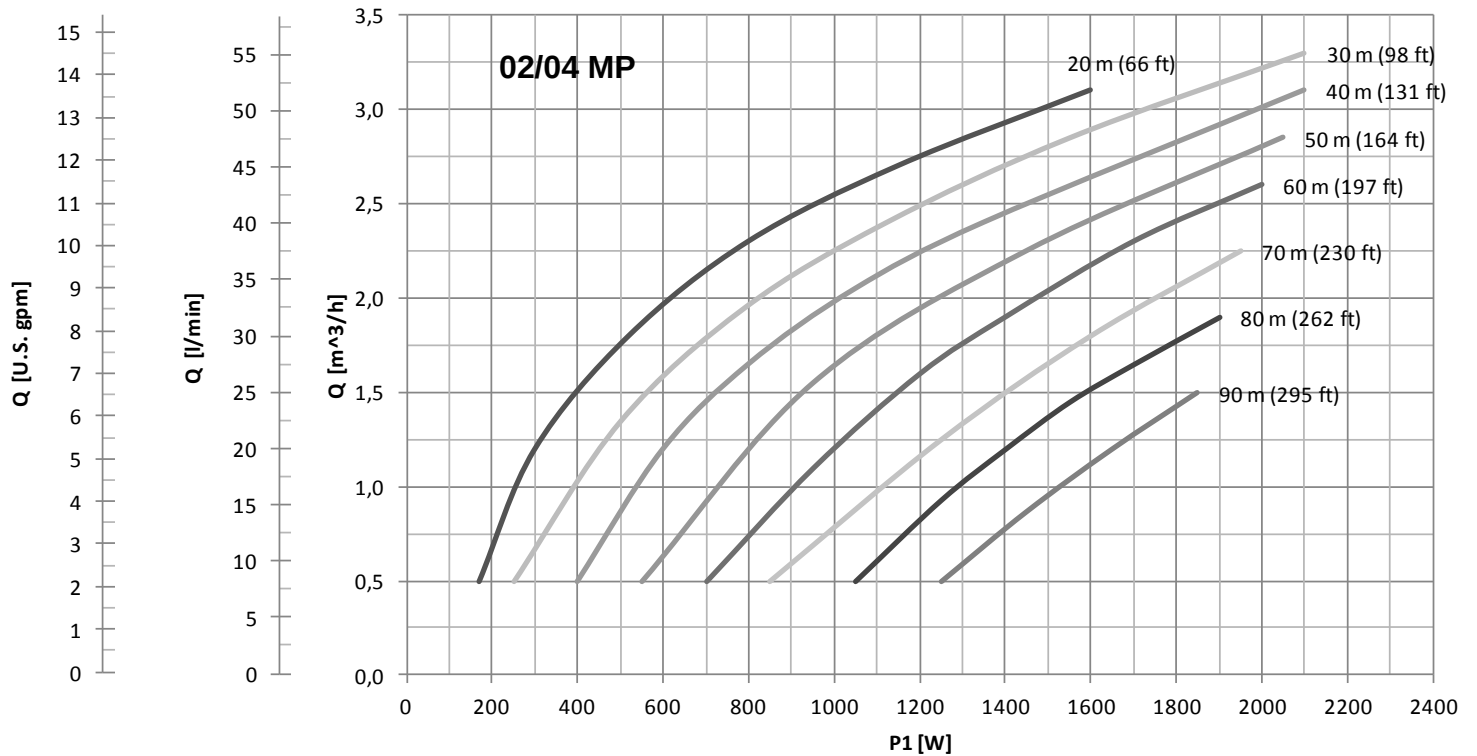
Performance



Model	Voltagem	Max. absor- bed current	Power factor	Max absor- bed power	Dimension	Delivery	Pump weight	Max. diameter	Packing size	Total weight
		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
02/02H MP	90 - 340 VDC 90 - 265 VAC	10 (130 VDC) 10 (130 VAC)	1	1300	1350	1 1/4 "	19,5	101 *	120x20x29	20,5

* Max. external diameter including cable and cable cover

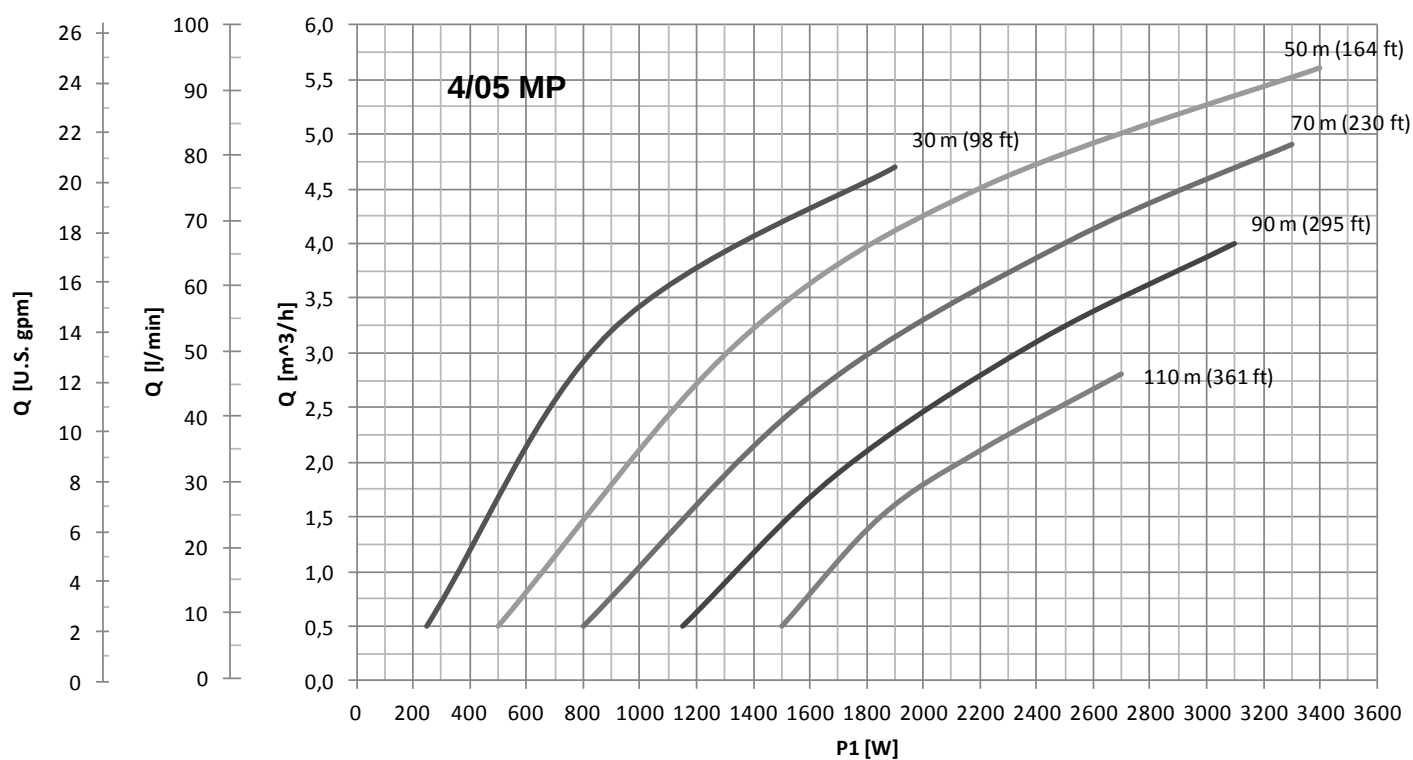
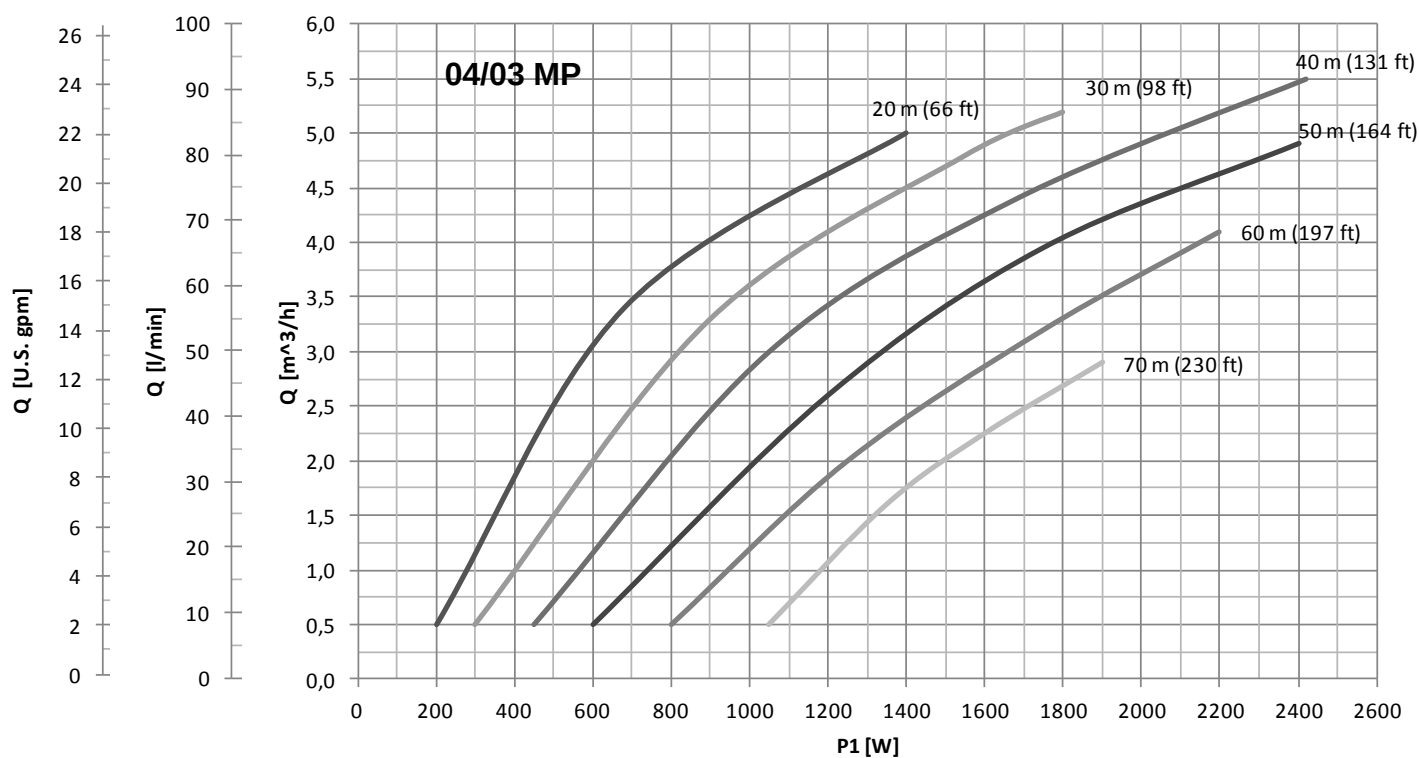
Performance



Model	Voltage	Max. absorbed current	Power factor	Max absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing size	Total weight
		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
02/04 MP	90 - 340 VDC	16 (130 VDC)	1	2100	936	1 1/4 "	19,5	101 *	120x20x29	20,5
	90 - 265 VAC	16 (130 VAC)								
02/08 MP	90 - 340 VDC	16 (220 VDC)	1	3500	1065	1 1/4 "	22	101 *	120x20x29	23
	90 - 265 VAC	16 (220 VAC)								

* Max. external diameter including cable and cable cover

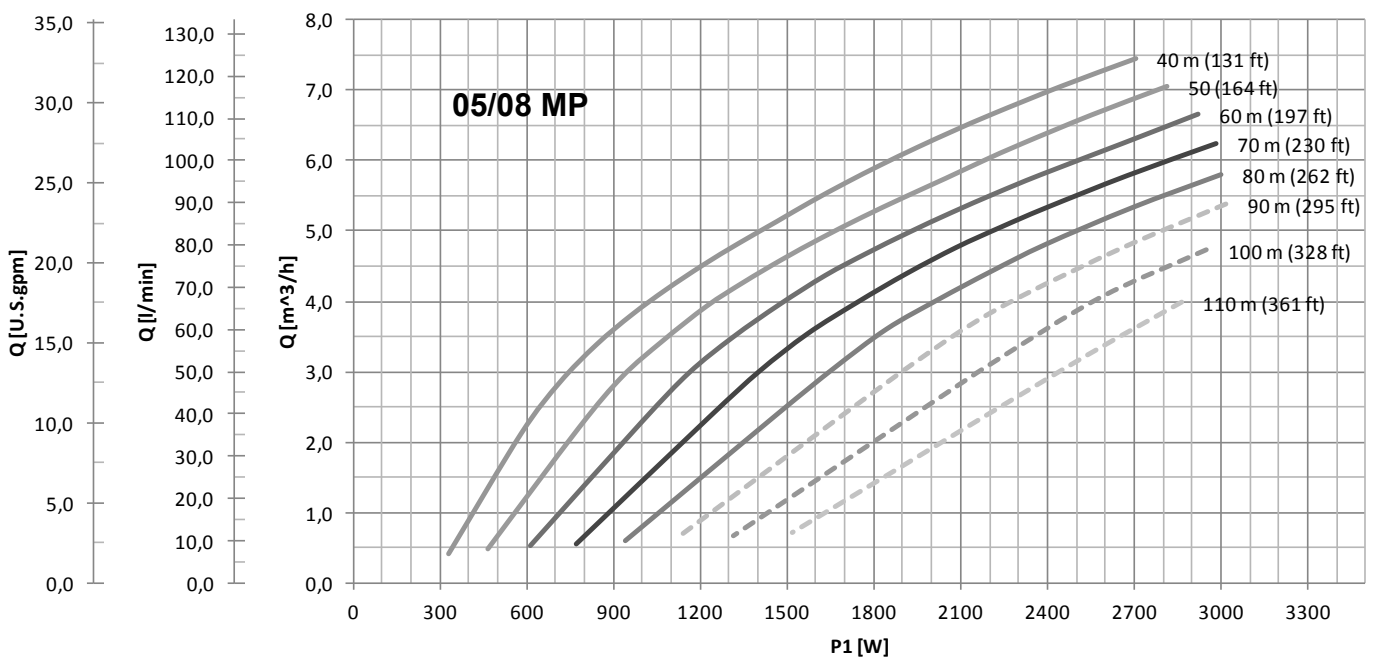
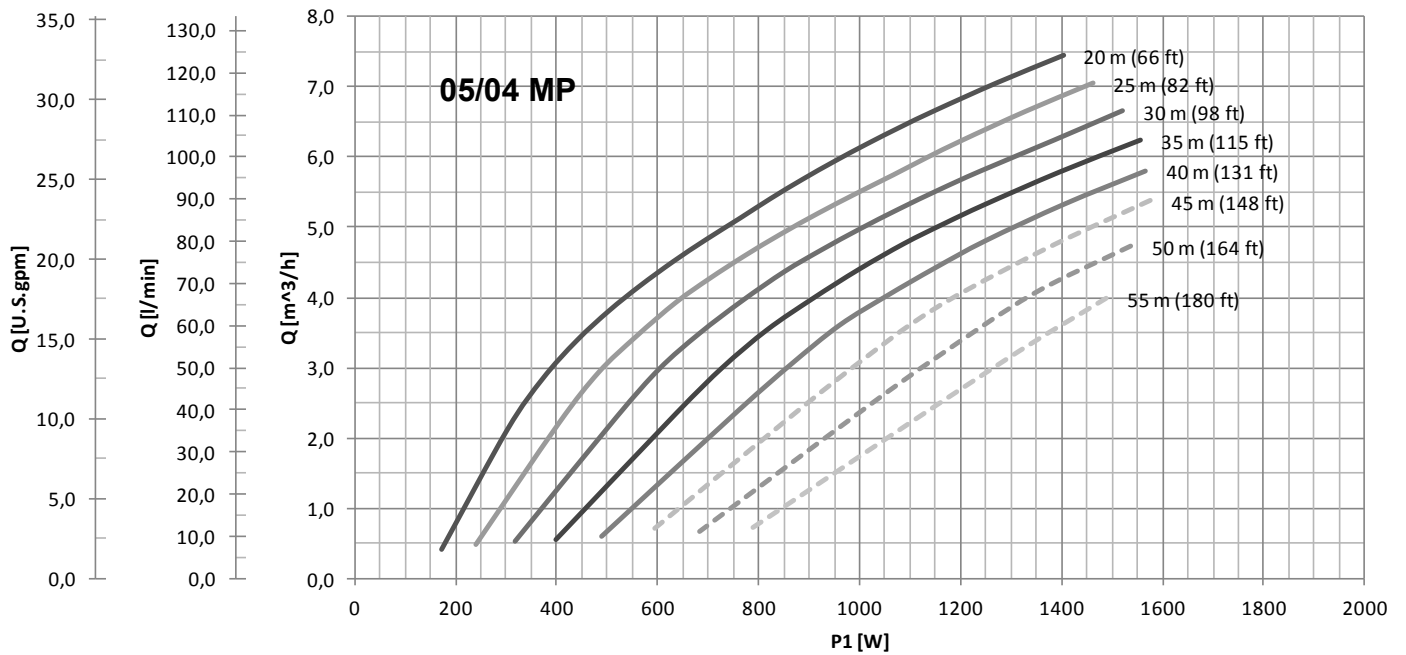
Performance



Model	Voltage	Max. absorbed current	Power factor	Max absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing size	Total weight
		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
04/03 MP	90 - 340 VDC 90 - 265 VAC	16 (150 VDC) 16 (150 VAC)	1	2400	915	1 1/4 "	19,4	101 *	120x20x29	20
04/05 MP	90 - 340 VDC 90 - 265 VAC	16 (207 VDC) 16 (207 VAC)	1	3300	1002	1 1/4 "	21	101 *	120x20x29	22

* Max. external diameter including cable and cable cover

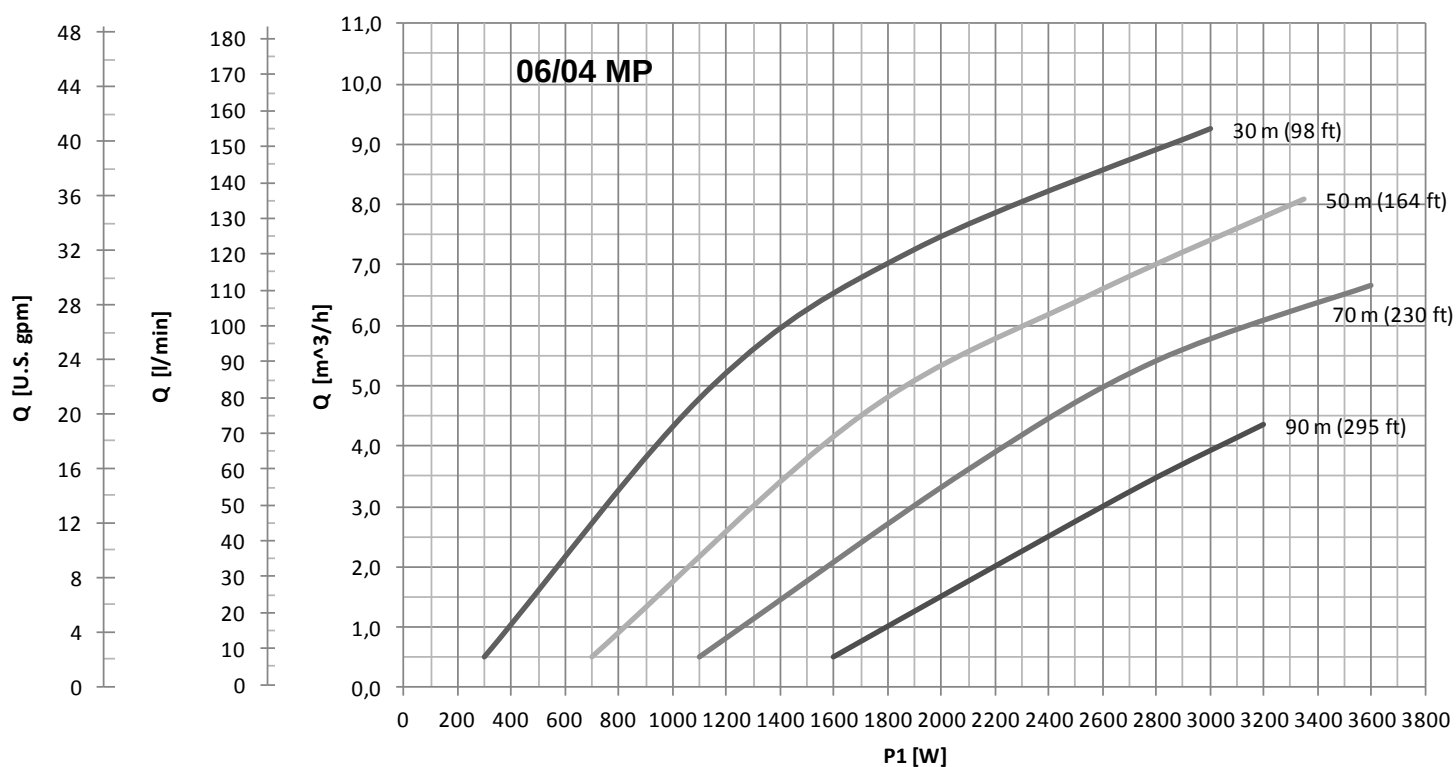
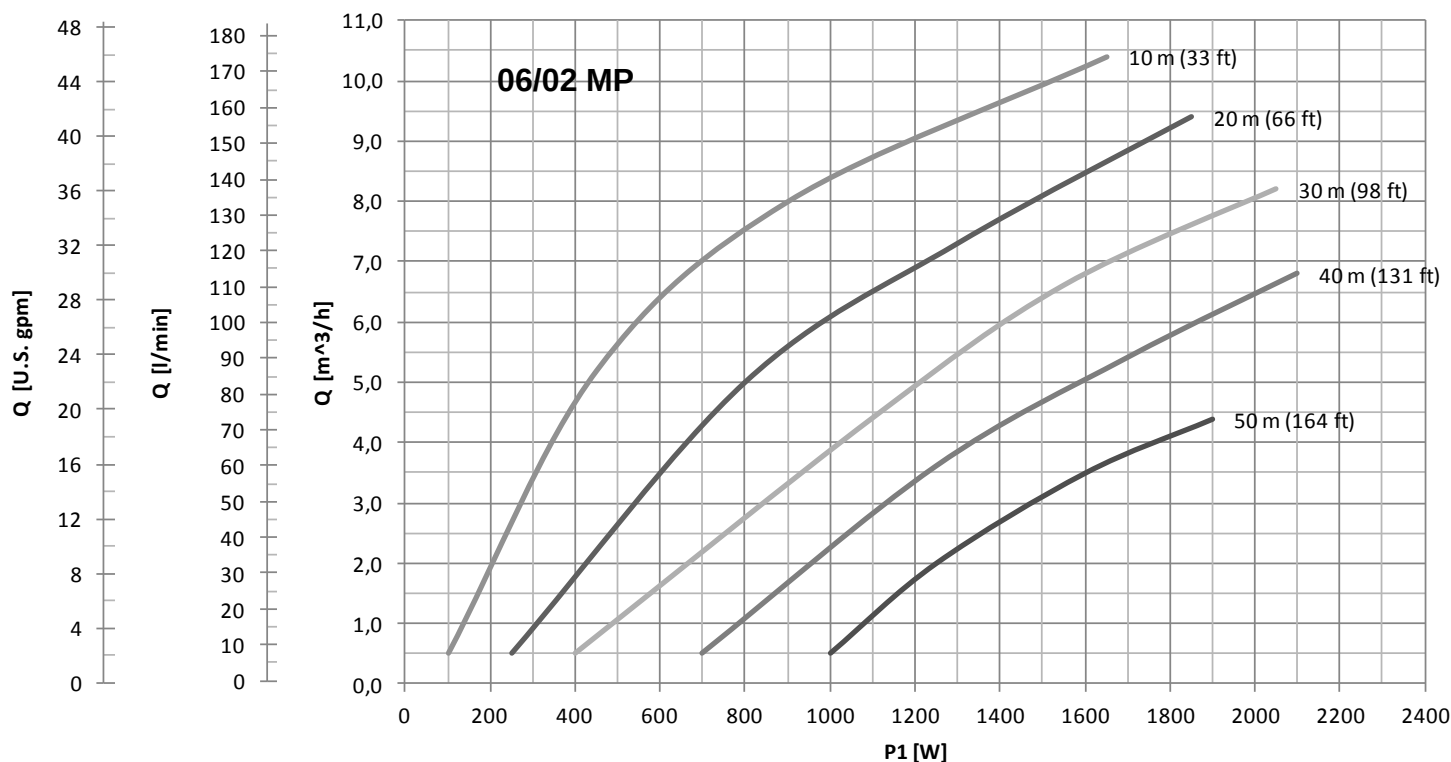
Performance



Modelo	Voltaje	Max. corriente absorbida	Factor de potencia	Max. potencia absorbida	Dimensiones	Descarga	Peso	Diametro Max.	Embalaje	Peso total
		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
05/04 MP	90 - 340 VDC	16 (100 VDC)	1	1600	879	1 1/2 "	19,5	101 *	120x20x29	20,5
	90 - 265 VAC	16 (100 VAC)								
05/08 MP	90 - 340 VDC	16 (187 VDC)	1	3000	1013	1 1/2 "	22	101 *	120x20x29	23
	90 - 265 VAC	16 (187 VAC)								

* Max. external diameter including cable and cable cover

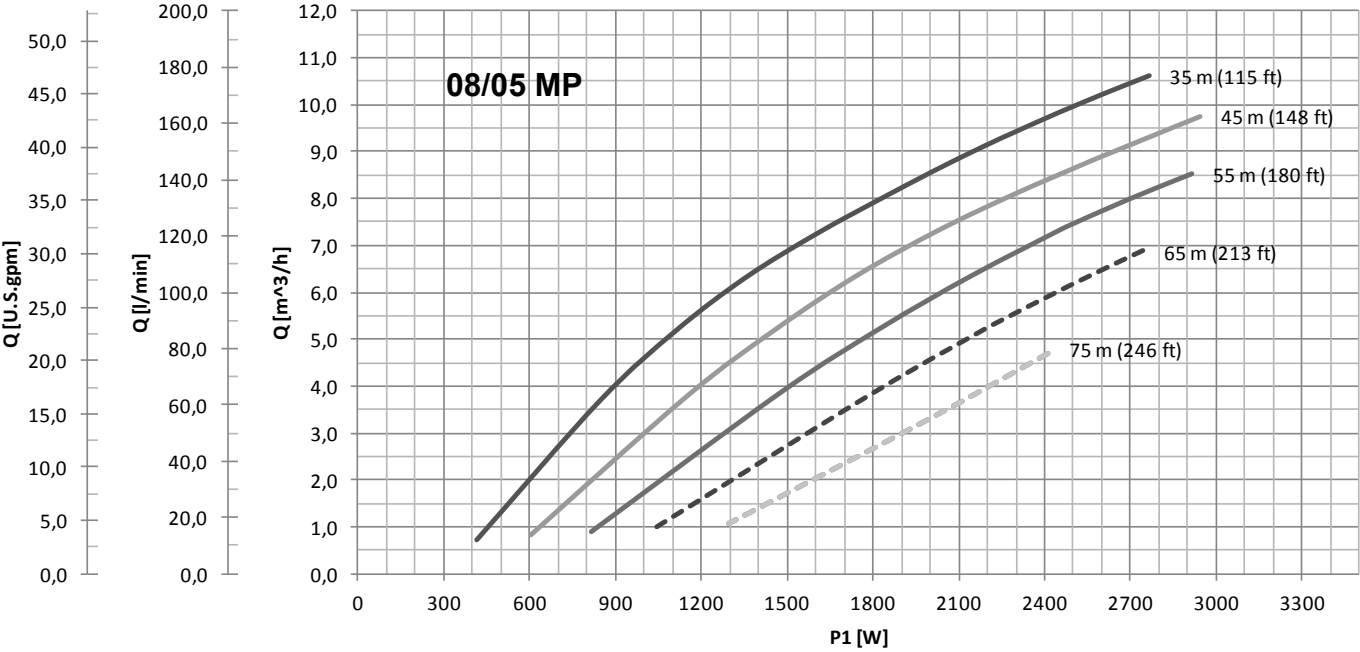
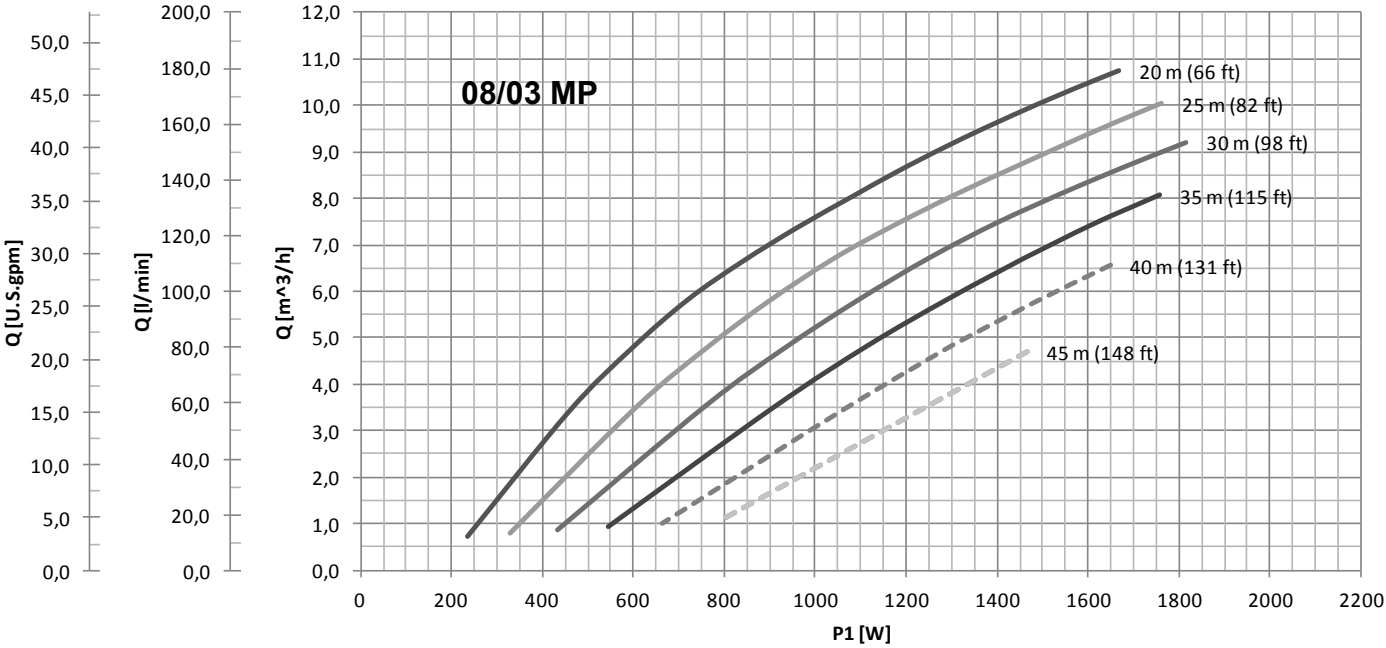
Performance



Model	Voltage	Max. absorbed current	Power factor	Max absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing size	Total weight
		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
06/02 MP	90 - 340 VDC 90 - 265 VAC	16 (130 VDC) 16 (130 VAC)	1	2100	894	1 1/2 "	19,2	101 *	120x20x29	20
06/04 MP	90 - 340 VDC 90 - 265 VAC	16 (225 VDC) 16 (225 VAC)	1	3600	981	1 1/2 "	21,4	101 *	120x20x29	22

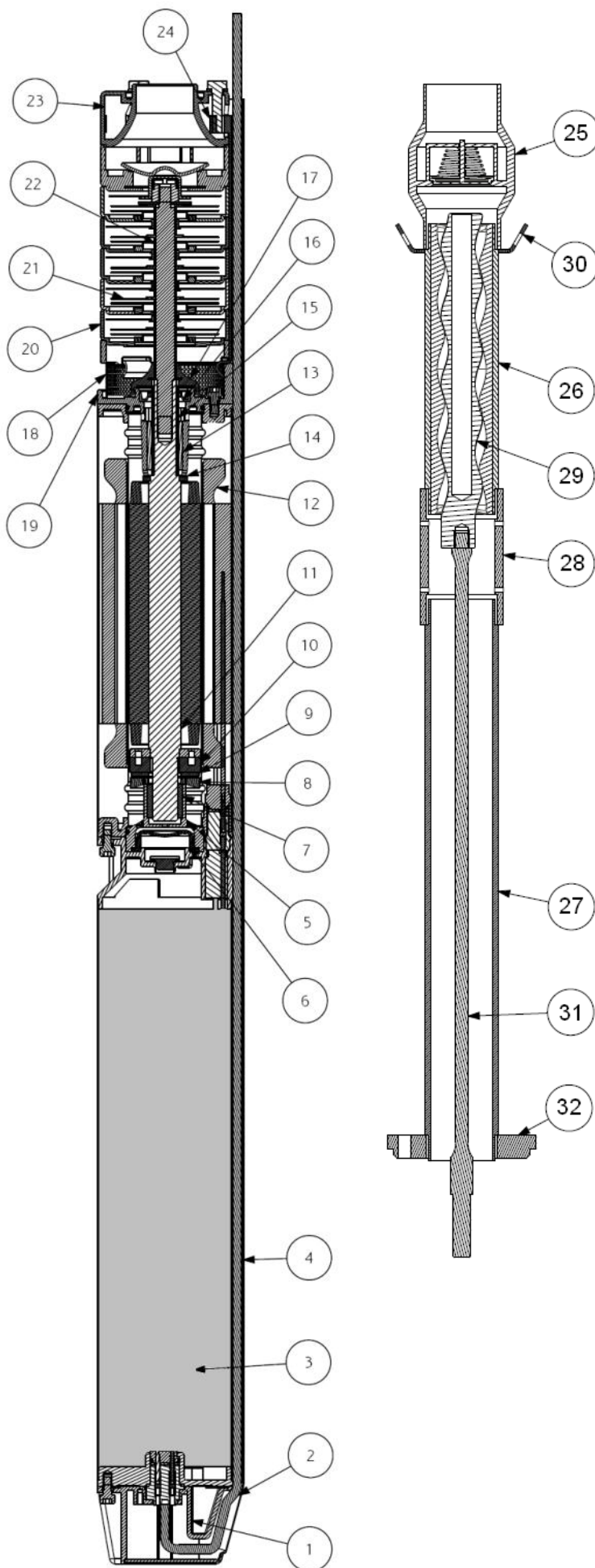
* Max. external diameter including cable and cable cover

Performance



Modelo	Voltaje	Max. corriente absorbida	Factor de potencia	Max. potencia absorbida	Dimensiones	Descarga	Peso	Diametro Max.	Embalaje	Peso total
4HS		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
08/03 MP	90 - 340 VDC 90 - 265 VAC	16 (113 VDC) 16 (113 VAC)	1	1800	858	1 1/2 " 2"	19,4	101 *	120x20x29	20
08/05 MP	90 - 340 VDC 90 - 265 VAC	16 (187 VDC) 16 (187 VAC)	1	3000	950	1 1/2 " 2"	21	101 *	120x20x29	22

* Max. external diameter including cable and cable cover



REF	DESCRIPTION	MATERIAL
1	Power supply bracket	AISI 304
2	Cable for drinking water applications	ACS-KTM-WRAS compliant
3	MINT: Electronic Integrated Module	
4	Cable guard	AISI 304
5	Lower thrust bearing	AISI 304
6	Rubber diaphragm	EPDM
7	Lower carbon bush	CTI25
8	Tilting disc	AISI 304
9	Pads	AISI420j
10	Carbon disc	CTI25
11	Shaft with rotor	AISI 431
12	Canned type stator	AISI 304
13	Upper carbon bush	CTI25
14	Upper thrust bearing	Teflon
15	Ceramized sleeve	AISI 304 + Ceramic
16	Lip seal	FKM
17	Rotating sandguard	NBR
18	Pump filter	AISI 304
19	Pump bracket	AISI 304
Centrifugal pump		
20	Diffusers	AISI 304
21	Impellers	AISI 304
22	Pump shaft	AISI 304
23	Discharge	AISI 304
24	Straps	AISI 304
Helicoidal rotor pump		
25	No-return valve	AISI 304
26	Helicoidal stator	EPDM + AISI 304
27	Supporting pipe	AISI 304
28	Junction	AISI 304
29	Helicoidal rotor	AISI 316 cromed
30	Safety hook	AISI 304
31	Flexible shaft	AISI 316
32	Pump adaptor	AISI 304

General characteristics

4HS MultiPower	
Max. temperature of the liquid	35 °C (92 °F)
Min. cooling speed of the liquid	0.2 m/s
Characteristics of the pumped liquid	clean, chemically not aggressive, not explosive, without solids and fibres content, with max. 50 g/m ³ sand content
Protection grade	IP68
Max. immersion depth	150 m
Materials	Motor and pump in AISI 304 stainless steel
Cable	Flat cable ACS - WRAS - KTM approved
CM MultiPower Control Module	
Max. ambient temperature	50 °C (122 °F)
Protection grade	IP55
Materials	Aluminium enclosure, PVC labels , cable gland in polyamide (PA), display membrane in polyester (PE)
Analog input	2 input 4-20 mA + 2 input 4-20 mA or 0-10 V settable by the user
Digital input	4 input N.A. o N.C settable by the user
Digital output	2 relays output 5 A , 250 VAC, N.A. o N.C settable by the user
User display	display LCD backlit, 16 characters x 2 rows, 5 buttons
Shortcircuit protection	by fuse

Certifications
CE

4HS MultiPower pump can be installed both vertically and horizontally with the outlet never be lower the horizontal axis.

To ensure a proper cooling if 4HS is not installed in a well, it is necessary to use a cooling sleeve to grant the minimum cooling speed of the liquid.

