SUBMERSIBLE PUMPS “QDP145-S”



TECHNICAL FEATURES

- Suitable for clean water free of abrasive particles.
- Reliable and easy to use: suitable for domestic use, gardening, irrigation and emptying tanks.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP68
- Continuous service S1
- Thermal protector
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

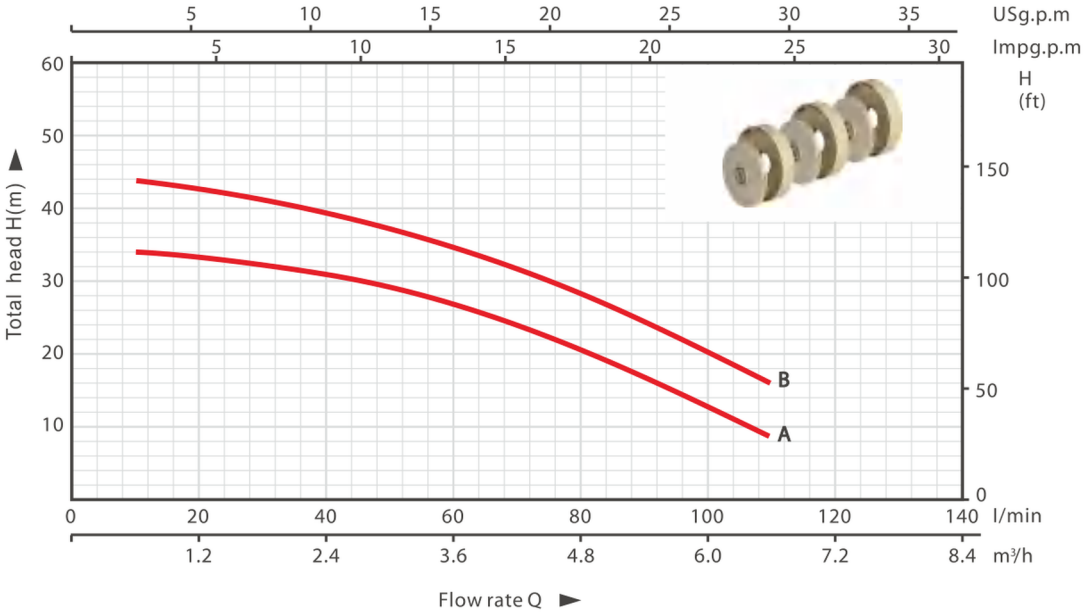
- Maximum immersion depth 8 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Techno-polymer & AISI 304 SS
Suction filter	AISI 304 SS
Impeller	Techno-polymer
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite
Cable	12 m power cable with plug

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
			Q (l/min)	0	10	20	30	40	50	60	70	80	90	100	110
A	QDP145-3S	1	H (m)	35	34	33	32	31	29.5	27	24	21	17	13	9
B	QDP145-4S	1.2	H (m)	45	44	43	42	40	37.5	35	32	28	24	20	16

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	QDP145-3S	1"	9.8	295 × 200 × 545
B	QDP145-4S	1"	10.2	295 × 200 × 570

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.