SUBMERSIBLE PUMPS “QDS90-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

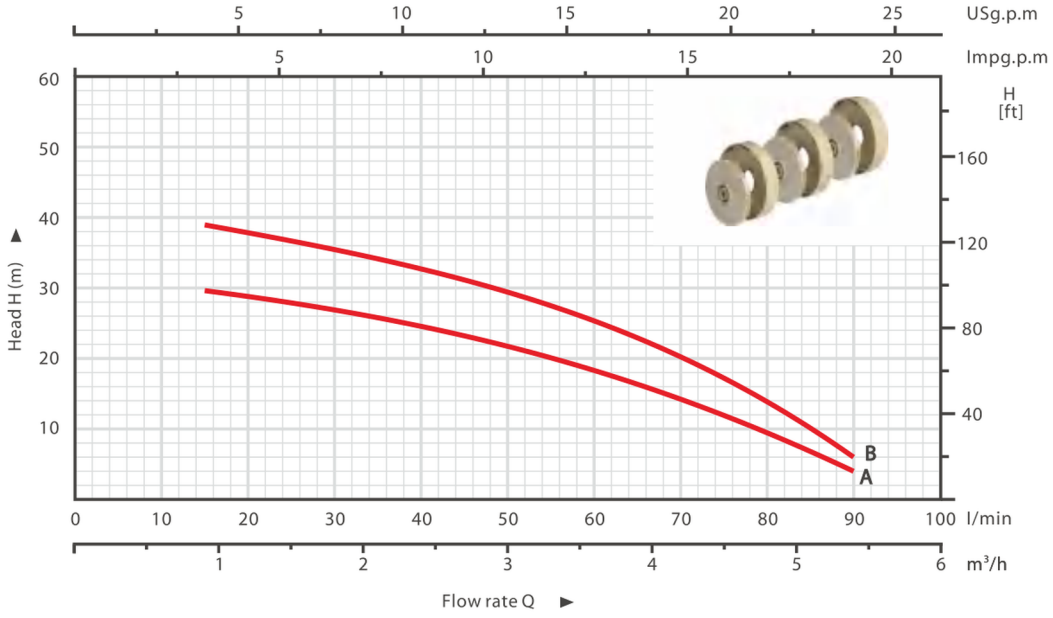
- Maximum immersion depth 8 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Suction filter	AISI 304 SS
Impeller	Techno-polymer, AISI 304 SS on request
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	POWER HP	Q (m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4
				Q (l/min)	0	15	30	45	60	75	90
A	QDS90-3S	0.75	1	H (m)	32	29.5	27.5	23.5	18	11.5	4
B	QDS90-4S	1.1	1.5	H (m)	42.5	38.5	35	31	26	17.5	6

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	QDS90-3S	1"	15	320 × 240 × 630
B	QDS90-4S	1"	16.2	320 × 240 × 630

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