AUTOMATIC SUBMERSIBLE PUMPS “QDP90-SE/SE-1”



TECHNICAL FEATURES



QDP-SE-1 (on request)



QDP90-SE / QDP90-SE-1

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

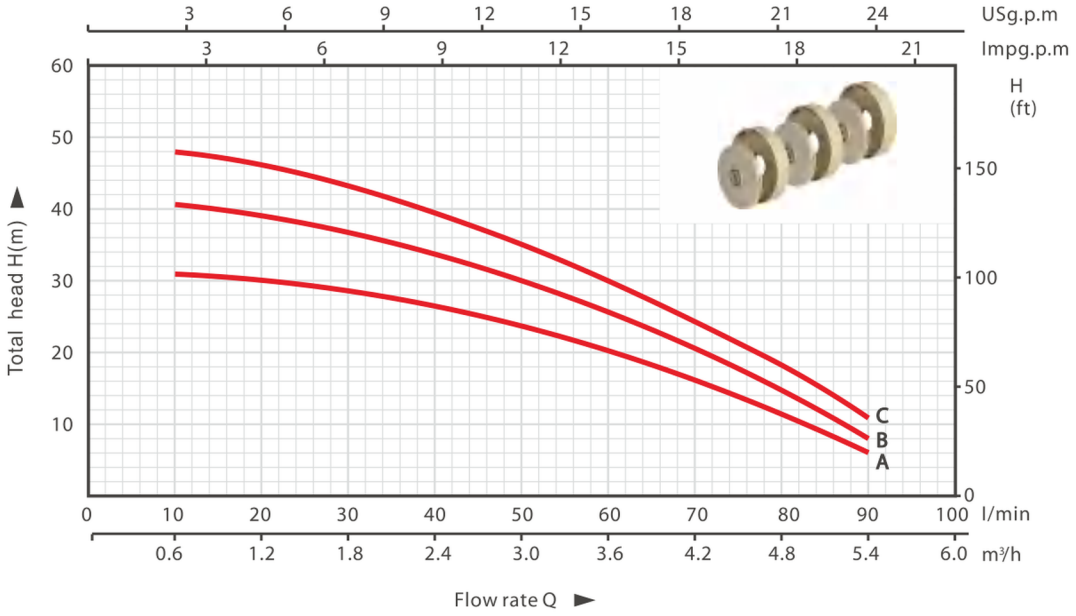
- Maximum immersion depth 8 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

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
			Q (l/min)	0	10	20	30	40	50	60	70	80	90
A	QDP90-3SE/3SE-1	0.8	H (m)	32	31	29.5	28	26	23	20	16	11	6
B	QDP90-4SE/4SE-1	1	H (m)	42	40.5	38.5	36.5	34	30.5	26	20	14	8
C	QDP90-5SE/5SE-1	1.2	H (m)	50	48	46	43.5	40	35	30	24.5	18	11

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	QDP90-3SE/3SE-1	1"	9.5	295 × 200 × 570
B	QDP90-4SE/4SE-1	1"	10	295 × 200 × 590
C	QDP90-5SE/5SE-1	1"	10.4	295 × 200 × 610

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