SUBMERSIBLE PUMPS “QDX145-SV”



TECHNICAL FEATURES

- Suitable for civil and agricultural applications.
- High efficiency and continuous-duty capability make these pumps ideal for flood and spray irrigation, gardening, agriculture, drawing water from lakes, rivers and wells, and industrial applications that require high head at medium flow rates.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP68
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

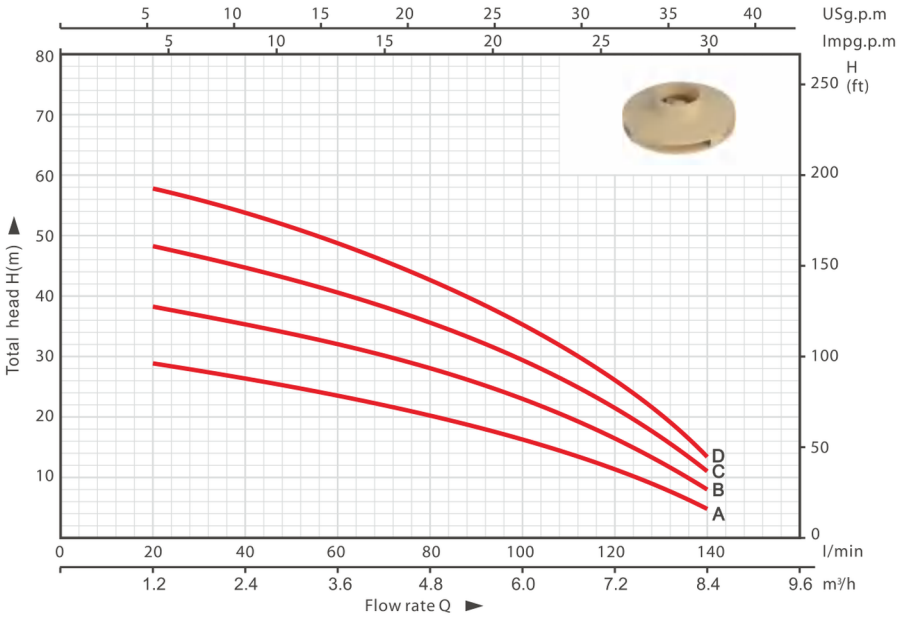
- Maximum immersion depth 8 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	AISI 201 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	POWER HP	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4
				Q (l/min)	0	20	40	60	80	100	120	140
A	QDX145-3SV	0.75	1	H (m)	31	28	26	23.5	20.5	17	11.5	5
B	QDX145-4SV	1.1	1.5	H (m)	41	38	35.5	32	29	24	16.5	8
C	QDX145-5SV	1.5	2	H (m)	51.5	48.5	45.5	41	36	30	21.5	11
D	QDX145-6SV	2.2	3	H (m)	60.5	58	53.5	48	42	35.5	27	13.5

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	QDX145-3SV	2"	17.9	258 × 185 × 540
B	QDX145-4SV	2"	20.3	258 × 185 × 580
C	QDX145-5SV	2"	24	258 × 185 × 633
D	QDX145-6SV	2"	26.5	258 × 185 × 688

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