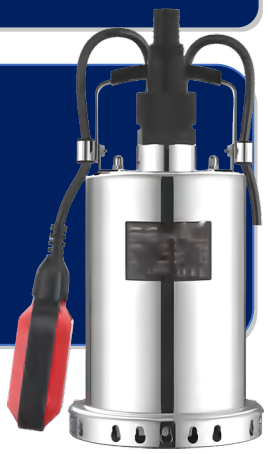
SUBMERSIBLE PUMPS “QDS-A/C/D”



TECHNICAL FEATURES

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



QDS-A



QDS-C



QDS-D

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

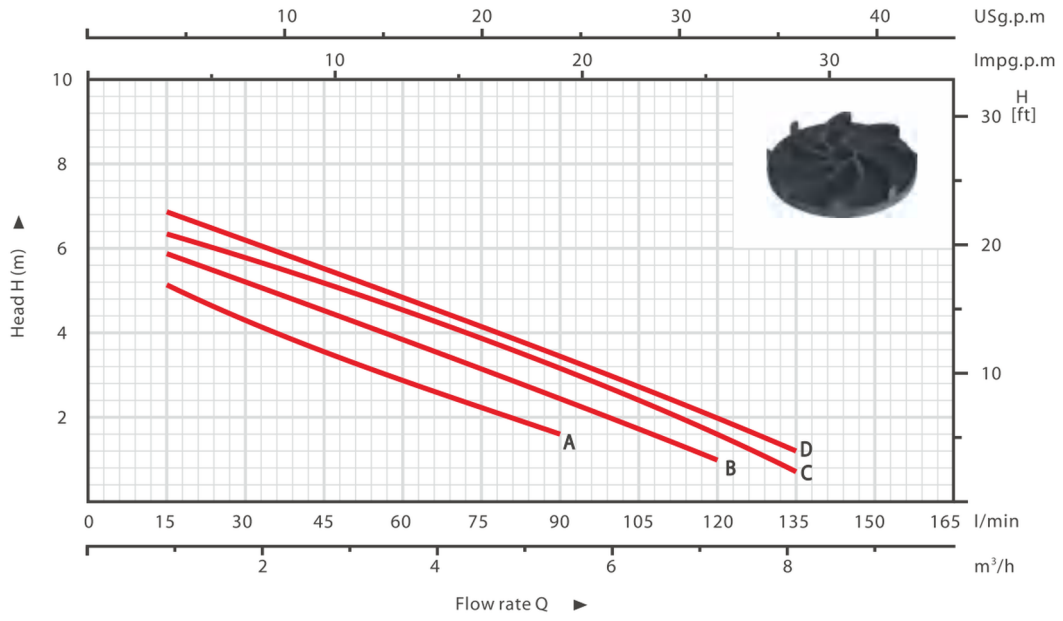
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	AISI 304 SS
Suction filter	Techno-polymer for QDS-A, AISI 304 SS for QDS-C / D
Impeller	Techno-polymer
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite
Cable	6 m power cable with plug

SUBMERSIBLE PUMPS “QDS-A/C/D”

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	6.3	7.2	8.1
				Q (l/min)	0	15	30	45	60	75	90	105	120	135
A	QDS-250A/C/D	0.25	0.34	H (m)	6	5	4.2	3.5	3	2.2	1.6			
B	QDS-370A/C/D	0.37	0.5	H (m)	6.5	5.9	5.2	4.6	3.9	3.1	2.5	1.7	1	
C	QDS-550A/C/D	0.55	0.75	H (m)	7	6.3	5.7	5.1	4.5	3.9	3.2	2.5	1.7	0.7
D	QDS-750A/C/D	0.75	1	H (m)	7.5	6.6	6	5.5	4.8	4.2	3.5	2.8	2	1.2

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	QDS-250A/C/D	1¼"	4.4	220 × 190 × 365
B	QDS-370A/C/D	1¼"	4.6	220 × 190 × 365
C	QDS-550A/C/D	1¼"	5	220 × 190 × 365
D	QDS-750A/C/D	1¼"	5.4	220 × 190 × 365

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