# SUBMERSIBLE PUMPS “QDP-A/B”



## TECHNICAL FEATURES

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



QDP-A



QDP-B

## 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

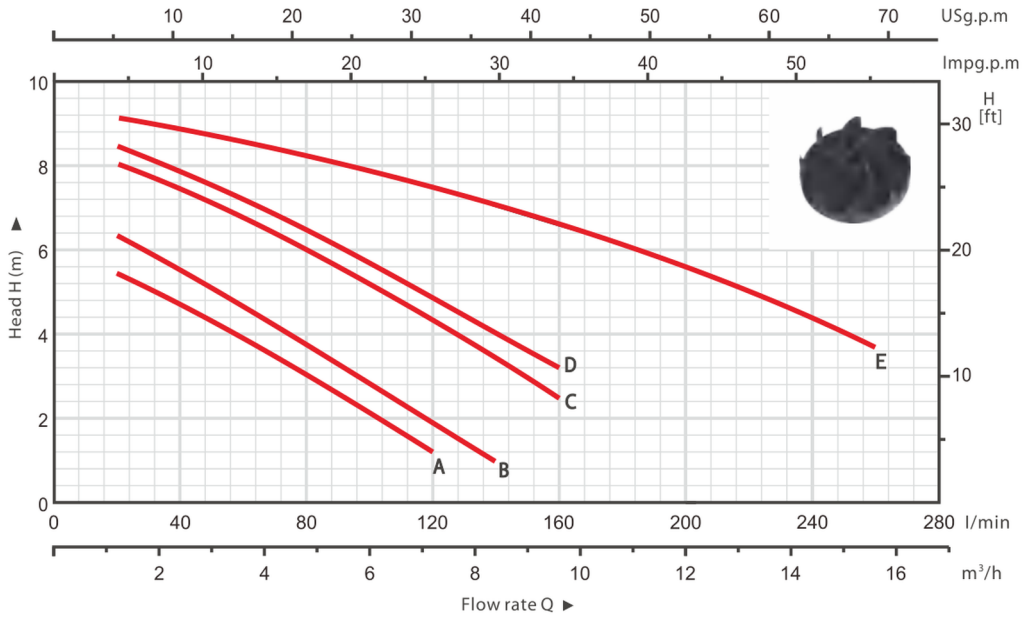
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

## MATERIALS

| COMPONENT | CONSTRUCTION |
|---|---|
| Pump body | Techno-polymer |
| Suction filter | Techno-polymer |
| Impeller | Techno-polymer |
| Motor shaft | AISI 304 SS |
| Mechanical seal | Ceramic / Graphite |
| Cable | 6 m power cable with plug |

# SUBMERSIBLE PUMPS “QDP-A/B”

## 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 | 9.6 | 10.8 | 12 | 13.2 | 14.4 | 15.6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Q (l/min) | 0 | 20 | 40 | 60 | 80 | 100 | 120 | 140 | 160 | 180 | 200 | 220 | 240 | 260 |
| A | QDP-250A/B | 0.25 | 0.34 | H (m) | 6 | 5.4 | 4.7 | 3.9 | 3 | 2.2 | 1.2 | | | | | | | |
| B | QDP-400A/B | 0.4 | 0.55 | H (m) | 7 | 6.2 | 5.5 | 4.6 | 3.7 | 2.9 | 1.9 | 1 | | | | | | |
| C | QDP-550A/B | 0.55 | 0.75 | H (m) | 8.5 | 8 | 7.4 | 6.7 | 6 | 5.3 | 4.5 | 3.5 | 2.5 | | | | | |
| D | QDP-750A/B | 0.75 | 1 | H (m) | 9 | 8.5 | 7.8 | 7.2 | 6.5 | 5.8 | 5 | 4 | 3.2 | | | | | |
| E | QDP-1000A | 1 | 1.3 | H (m) | 9.5 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 | 7.5 | 7.1 | 6.6 | 6.1 | 5.5 | 4.9 | 4.3 | 3.7 |

## TECHNICAL DATA

| NO. | MODEL | OUTLET (inch) | N.W. (kg) | L × W × H (mm) |
|---|---|---|---|---|
| A | QDP-250A/B | 1½" | 4.1 | 220 × 182 × 345 |
| B | QDP-400A/B | 1½" | 4.3 | 220 × 182 × 345 |
| C | QDP-550A/B | 1½" | 4.5 | 220 × 182 × 345 |
| D | QDP-750A/B | 1½" | 5 | 220 × 182 × 345 |
| E | QDP-1000A | 1½" | 5.9 | 220 × 182 × 345 |

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