

WQDR-B

Submersible sewage pumps



WQDR-B

Application

Suitable for use with **dirty water** that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partical up to a maximum of ϕ 25mm.

Motor

- ※ Two-pole induction motor($n=2850$ r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz, 60Hz if request

Operating conditions

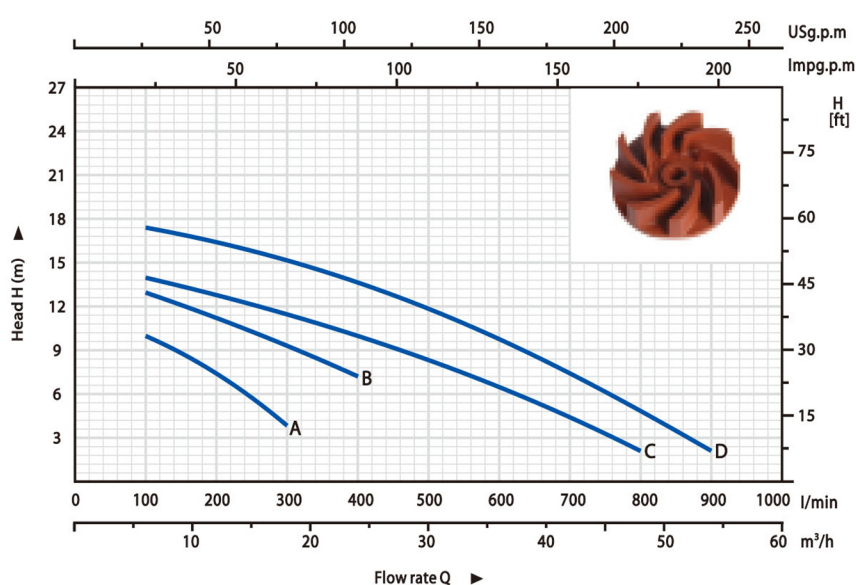
- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SIC/Ceramic-Graphite
- ※ Cable: 10 m power cable with plug

Construction

PERFORMANCE CHART AT $n=2850$ RPM



NO.	MODEL	OUTLET	PARTICAL	N.W	L×W×H
		(Inch)	(ϕ mm)	(Kg)	(mm)
A	WQDR750-B	2"	25	15	270×215×420
B	WQDR1100-B	2"	25	24	270×215×450
C	WQDR1500-B	3"	25	26	340×250×530
D	WQDR2200-B	3"	25	29	340×250×560

NO.	MODEL	POWER		Q(m³/h)	0	6.0	12.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0
		kW	HP											
A	WQDR750-B	0.75	1	H	12	10	7.5	4						
B	WQDR1100-B	1.1	1.5		15	13	11.5	9.5	7.5					
C	WQDR1500-B	1.5	2		15	13.8	12.5	11.5	10	8.5	7	5	2	
D	WQDR2200-B	2.2	3		19	17.5	16.5	15.5	13.5	11.5	9.5	7.5	5	2

