

HWD

Submersible sewage pumps



HWD

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 40mm.

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

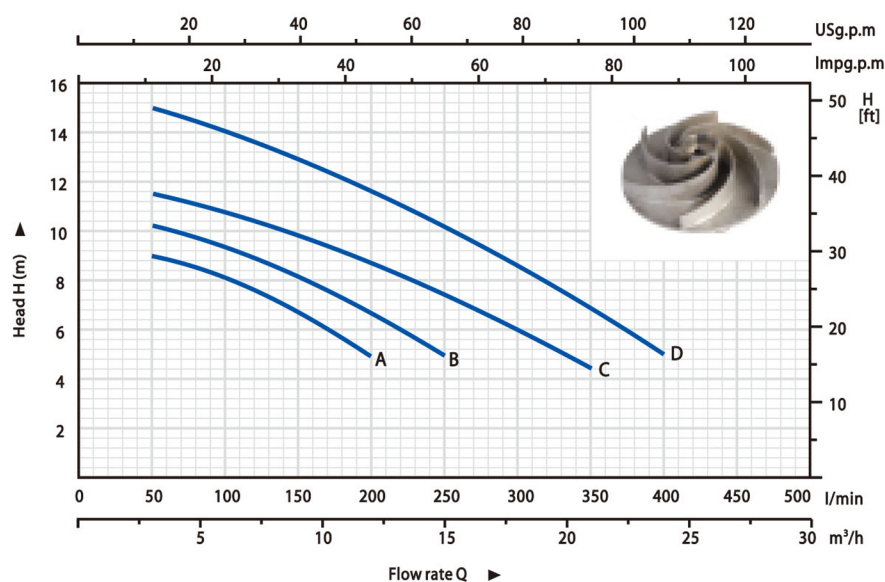
- ※ **5m** maximum immersion depth
- ※ Liquid temperature up to **35°C**
- ※ Maximum ambient temperature **40°C**

Component

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

Construction

PERFORMANCE CHART AT $n=2850$ RPM



NO.	MODEL	OUTLET	PARTICAL	N.W	L×W×H
		(Inch)	(ϕ mm)		
A	HWD-550S	1½"	40	11	260×260×490
B	HWD-750S	1½"	40	12	260×260×495
C	HWD-1100S	2"	40	13	270×270×500
D	HWD-1500S	2"	40	15	270×270×530

NO.	MODEL	POWER		Q(m³/h)	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
		kW	HP	Q(l/min)	0	50	100	150	200	250	300	350	400
A	HWD-550S	0.55	0.75	H	10	9	8	6.5	5				
B	HWD-750S	0.75	1		12	10.5	9.5	8	6.5	5			
C	HWD-1100S	1.1	1.5		12.8	11.8	10.8	9.8	8.5	7.5	6	4.5	
D	HWD-1500S	1.5	2		16	15	14	13	11.5	10.2	8.8	7	5

