

DWO

APPLICATIONS

Open impeller centrifugal pumps with the hydraulic element manufactured from stainless steel AISI 304, suitable for suspended solids handling food process e.g. washing vegetables, meats and fishes. Industrial washing machines that may contain solids e.g. bottles, jars, glasses & crates. Process applications such as paint plants & general dirty liquid handling.

MATERIALS

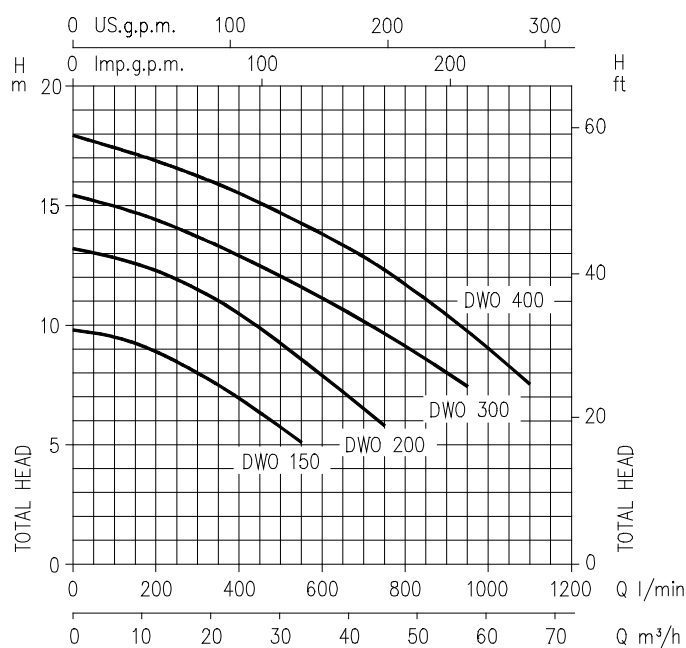
- Pump body, casing cover, impeller and shaft in AISI 304
- Bracket and motor casing in cast iron
- Mechanical seal in carbon/ceramic/NBR
- Special mechanical seal are available on demand

SPECIFICATIONS

- Maximum working pressure : 8 bar
- Maximum liquid temperature : 80°C
- Passage of solids : Maximum diameter of 19 mm

TECHNICAL DATA

- 2 pole motor
- Insulation: Class F
- Protection degree: IP55
- 1~230V±10% 50Hz, 3~230/400V±10% 50Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version
- DNM 2"


PERFORMANCE TABLE

Pump type		kW	Capacitor		Absorbed Current (A)			Q=Capacity	Q=Capacity							
Single-phase 230V 50Hz	Three-phase 400V 50Hz		µF	V _c	Single-phase	Three-phase			l/min m ³ /h	100	200	300	400	550	750	950
								H=Total head								
DWO 150 M	DWO 150	1,1	31,5	450	6,8	4,4	2,5	9,5	8,9	7,9	6,9	5,1	-	-	-	-
DWO 200 M	DWO 200	1,5	40	450	9,0	6,1	3,5	12,7	12,3	11,5	10,5	8,6	5,8	-	-	-
-	DWO 300	2,2	-	-	-	8,3	4,8	15	14,5	13,8	12,9	11,7	9,7	7,5	-	-
-	DWO 400	3,0	-	-	-	11,0	6,4	17,5	16,9	16,3	15,6	14,3	12,4	9,8	7,6	-