

CENTRIFUGAL PUMPS - OPEN IMPELLER in AISI 304 **DWO**

DWO



APPLICATIONS

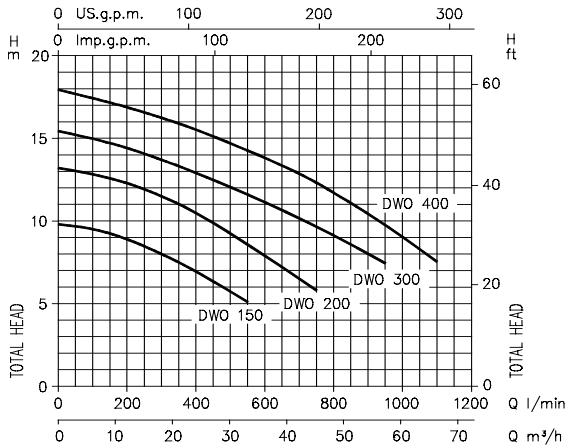
Open impeller centrifugal pumps with the hydraulic element manufactured from stainless steel AISI 304, suitable for suspended solids handling food process e.g. washing vegetables, meats and fishes. Industrial washing machines that may contain solids e.g. bottles, jars, glasses & crates. Process applications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

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	Q=Capacity							
Single-phase 230V 50Hz	Three-phase 400V 50Hz		100	200	300	400	500	750	950	1100
			m³/h							
			m							
			Total head							
DWO 150 W	DWO 150	1.1	9.5	8.9	7.9	6.9	5.1	-	-	-
DWO 200 W	DWO 200	1.5	12.7	12.3	11.5	10.5	8.6	5.8	-	-
-	DWO 300	2.2	16	14.5	13.6	12.9	11.7	9.7	7.5	-
-	DWO 400	3.3	17.5	16.9	16.3	15.6	14.3	12.4	9.8	7.6

CENTRIFUGAL PUMPS - CLOSED IMPELLER in AISI 304 **DWC**

DWC

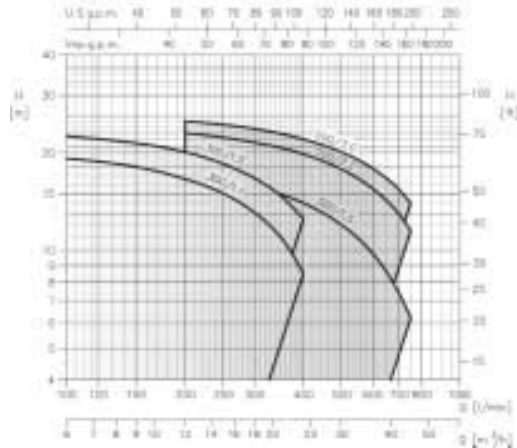


APPLICATIONS

- Chillers
- Refrigeration
- Conditioning and heating
- Transferring of industrial liquids
- Domestic and industrial water supply
- Irrigation
- Swimming pools
- Washing systems
- Drainage

FEATURES / BENEFIT

- Hydraulic robust construction, enhance pumping operation.
- High performance and efficiency design, thus energy saving.
- Ebara exclusive patent for hydraulic volute obtained from hydro-forming process.
- EPDM mechanical seal and elastomers as standard.
- Connections: - Female thread G2
- Hose-Union
- Stainless steel AISI304 for all wetted parts ensure long lasting operation.



PERFORMANCE TABLE

Pump Type Three phase	Power		Q=Capacity													
	kW	HP	l/min	0	100	150	200	250	300	350	400	500	600	700	750	
			m³/h	0	6	9	12	15	18	21	24	30	36	42	45	
DWC 300/1.1	1.1	1.5		21.0	19.2	18.1	18.6	15.0	13.1	11.0	8.5	-	-	-	-	
DWC 300/1.5	1.5	2		24.5	22.5	20.1	18.5	16.7	14.6	14.6	12.0	-	-	-	-	
DWC 500/1.5	1.5	2		18.5	-	-	17.0	16.4	15.7	14.9	14.0	12.0	9.8	7.4	6.2	
DWC 500/2.2	2.2	3		24.5	-	-	23.0	22.3	21.5	20.7	19.8	17.8	15.5	13.0	11.5	
DWC 500/3.0	3	4		26.3	-	-	25.0	24.4	23.7	22.9	22.0	20.0	17.6	15.0	13.6	