

SUBMERSIBLE PUMP for dirty/sewage water in AISI 304

Submersible sewage pump made of stainless steel AISI 304, with double mechanical seals ensure long life and reliability. Suitable for sewage and dirty water systems with solids. Applications include remote sewage stations for housing developments, pubs, hotels and restaurants, and water displays. Options include with - without float switch. Solids handling upto 50 mm.

**SPECIFICATIONS**

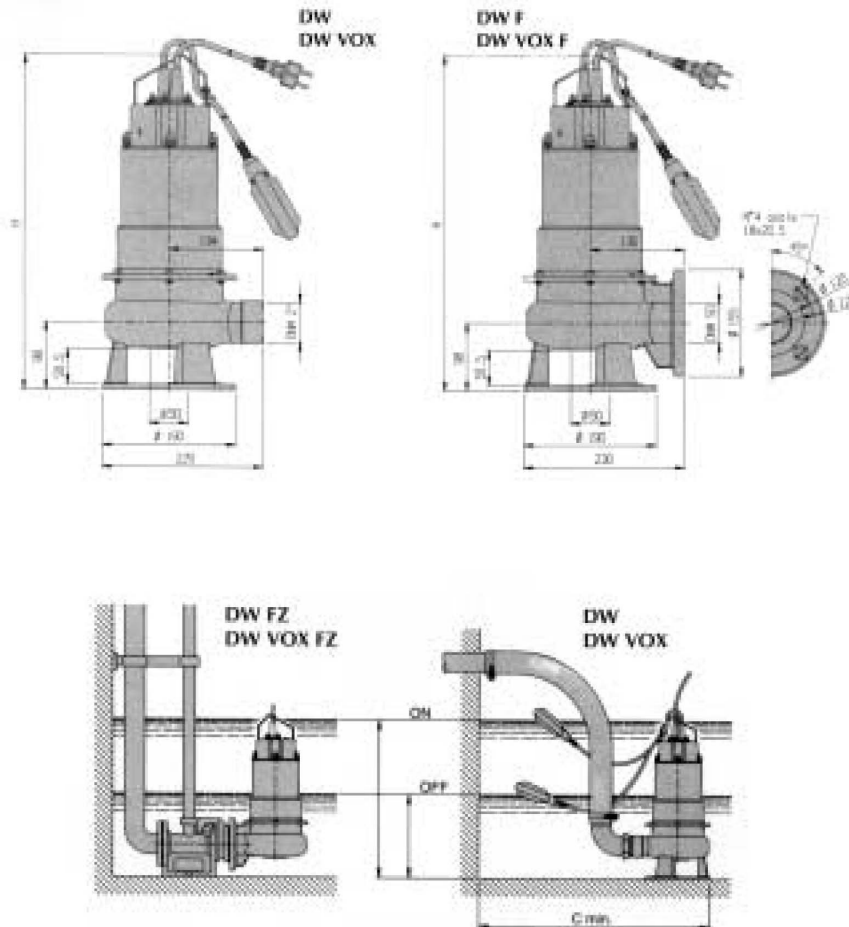
- Maximum liquid temperature: 50°C
- Maximum immersion: 10 mts
- Maximum passage of solids: 50 mm

MATERIALS

- Pump casing, impeller, cover, casing cover and motor casing in AISI 304
- Shaft in AISI 303
- Double mechanical seal with interposed oil chamber: upper in carbon/ceramic/NBR, lower in Sic/SiC/NBR

TECHNICAL DATA

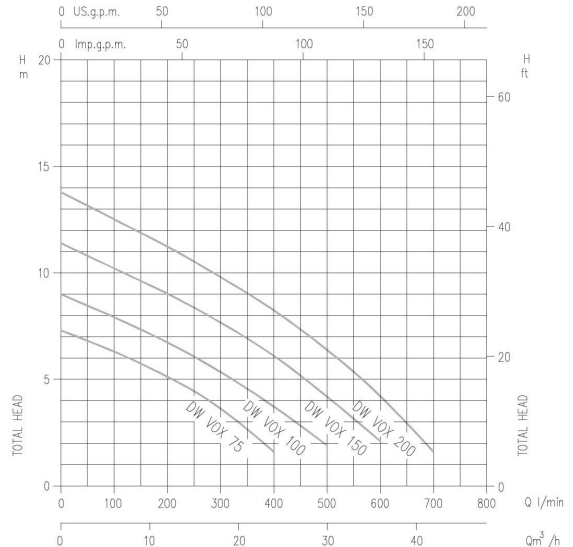
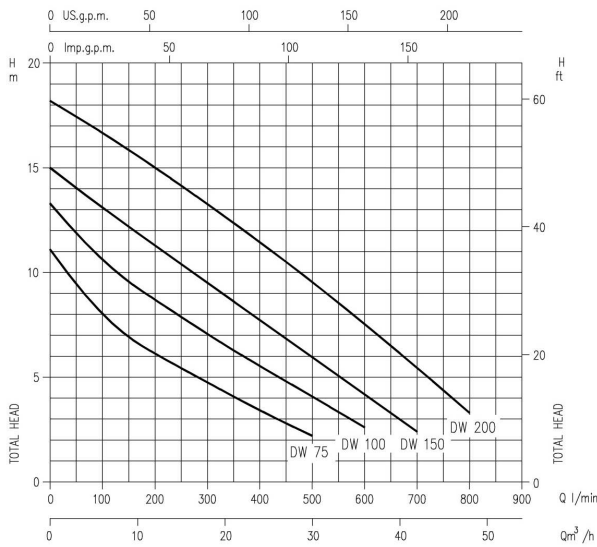
- Asincronous 2 poles motor
- Insulation class F
- Protection degree IP68
- 1~110/230 V \pm 10% 60 Hz, 3~230/400 V \pm 10% 60 Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version
- DNM 50-DNM 2"

PERFORMANCE CURVES

DIMENSIONAL TABLE

Pump type Single Phase 220 V	Dimensions [mm]		Weight [kg]
	H		
DW M 756	485	16.3	
DW M 1006	515	18.3	
DW M 1506	515	20	
DW M 2006	610	22.5	
DW VOX M 756	485	16.3	
DW VOX M 1006	515	18.3	
DW VOX M 1506	515	20	
DW VOX M 2006	610	22.5	
DWF M 756	485	17.3	
DWF M 1006	515	19.3	
DWF M 1506	515	21	
DWF M 2006	610	23.5	
DW VOXF M 756	485	17.3	
DW VOXF M 1006	515	19.3	
DW VOXF M 1506	515	21	
DW VOXF M 2006	610	23.5	
DWFZ M 756	445	15.4	
DWFZ M 1006	475	17.4	
DWFZ M 1506	475	19.1	
DWFZ M 2006	570	21.6	
DW VOXFZ M 756	445	15.4	
DW VOXFZ M 1006	475	17.4	
DW VOXFZ M 1506	475	19.1	
DW VOXFZ M 2006	570	21.6	

Pump type Single Phase 115 V	Dimensions [mm]		Weight [kg]
	H		
DW M 756	550	16.3	
DW M 1006	580	16.3	
DW VOX M 456	550	16.3	
DW VOX M 1006	580	16.3	
DWF M 756	550	17.3	
DWF M 1006	580	19.3	
DW VOXF M 756	550	17.3	
DW VOXF M 1006	580	19.3	
DWFZ M 756	510	15.4	
DWFZ M 1006	540	17.4	
DW VOXFZ M 756	510	15.4	
DW VOXFZ M 1006	540	17.4	

Pump type Three Phase 220 - 380 - 460 V	Dimensions [mm]		Weight [kg]
	H		
DW 756	485	14.5	
DW 1006	485	14.5	
DW 1506	515	18	
DW 2006	515	20	
DW VOX 756	485	14.5	
DW VOX 1006	485	14.5	
DW VOX 1506	515	18	
DW VOX 2006	515	20	
DWF 756	485	15.5	
DWF 1006	485	17	
DWF 1506	515	19	
DWF 2006	515	21	
DW VOXF 756	485	15.5	
DW VOXF 1006	485	17	
DW VOXF 1506	515	19	
DW VOXF 2006	515	21	
DWFZ 756	445	13.6	
DWFZ 1006	445	15.1	
DWFZ 1506	475	17.1	
DWFZ 2006	475	19.1	
DW VOXFZ 756	445	13.6	
DW VOXFZ 1006	445	15.1	
DW VOXFZ 1506	475	17.1	
DW VOXFZ 2006	475	19.1	


PERFORMANCE TABLE

Single phase	Three phase	Power		Q =Capacity l/min. m³/h	H=Total head [m]								
		HP	kW		0	100	200	300	400	500	550	600	700
DW M 756	DW 756	0.75	0.55	0	6	12	18	24	30	33	36	42	48
DW M 1006	DW 1006	1.0	0.75	9.4	7	5.2	3.6	2.4	1.5	-	-	-	-
DW M 1506	DW 1506	1.5	1.1	12.8	10.6	9	7.5	6.1	4.7	4	3.4	-	-
DW M 2006	DW 2006	2.0	1.5	15.9	12.6	10.5	8.9	7.5	6.2	5.5	4.8	3.4	-
DW VOX M 756	DW VOX 756	0.75	0.55	18.6	15.4	13.3	11.5	9.9	8.4	7.6	6.9	5.4	4
DW VOX M 1006	DW VOX 1006	1.0	0.75	6.7	5.7	4.5	3.2	1.8	-	-	-	-	-
DW VOX M 1506	DW VOX 1506	1.5	1.1	8.8	7.7	6.3	4.8	3.2	1.6	-	-	-	-
DW VOX M 2006	DW VOX 2006	2.0	1.5	10.9	10	8.8	7.4	5.8	3.8	2.6	-	-	-
				14.1	13.1	12	10.9	9.5	7.9	6.9	6	3.8	-

PERFORMANCE TABLE

Single phase	Three phase	Power		Capacitor 450 V	220 V/60Hz				380 V/60Hz (only three phase)	
		HP	kW		Input current A S. Phase	Input current A T. Phase	Input power kW S. Phase	Input power kW T. Phase	Input current A Three Phase	Input power kW Three Phase
DW M 756	DW 756	0.75	0.55	20	4.3	3.0	0.94	0.86	1.7	0.86
DW M 1006	DW 1006	1.0	0.75	25	6.0	3.7	1.25	1.2	2.3	1.2
DW M 1506	DW 1056	1.5	1.1	31.5	6.5	4.8	1.4	1.4	2.8	1.4
DW M 2006	DW 2006	2.0	1.5	50	9.1	7.0	1.93	2.2	3.9	2.2
DW VOX M 756	DW VOX 756	0.75	0.55	20	4.4	3.0	0.95	0.9	1.6	0.9
DW VOX M 1006	DW VOX 1006	1.0	0.75	25	6.5	4.2	1.32	1.3	2.4	1.3
DW VOX M 1506	DW VOX 1506	1.5	1.1	31.5	7.5	5.1	1.6	1.5	3.0	1.5
DW VOX M 2006	DW VOX 2006	2.0	1.5	50	11.1	7.3	2.3	2.35	4.4	2.35

PERFORMANCE TABLE

Single phase	Three phase	Power		Capacitor 220 V	115 V/60Hz (only Single Phase)		460 V/60Hz (only Three Phase)	
		HP	KW		Input current A Single Phase	Input power KW Single Phase	Input current A Three Phase	Input power KW Three Phase
DW M 756	DW 756	0.75	0.55	55	8.3	0.94	1.4	0.86
DW M 1006	DW 1006	1.0	0.75	80	10.8	1.25	1.9	1.2
DW M 1506	DW 1506	1.5	1.1	-	-	-	2.3	1.4
DW M 2006	DW 2006	2.0	1.5	-	-	-	3.2	2.2
DW VOX M 756	DW VOX 756	0.75	0.55	55	8.3	0.95	1.3	0.9
DW VOX M 1006	DW VOX 1006	1.0	0.75	80	11.0	1.32	2.0	1.3
DW VOX M 1506	DW VOX 1506	1.5	1.1	-	-	-	2.5	1.5
DW VOX M 2006	DW VOX 2006	2.0	1.5	-	-	-	3.6	2.35