

Drainage pumps WEDA D

The WEDA drainage pumps handle either clean or dirty water, even with small solids with the best performance and efficiency.

WEDA+ *

1. Rotation control
2. Phase failure protection
3. Thermal switches
4. Phase shifter plugs for three-phase pumps

* or with terminal board motor connection.



FLEXIBILITY

Discharges can be mounted vertically or sideways as required

MOTOR PROTECTION

Class F motors, with thermal switches in each winding

EXTENDED PERFORMANCE

Pump design ensures all-round motor cooling for better performance

IMPROVED CABLE SEALING

Ensures protection against water leakage from cable entry

HIGH CORROSION RESISTANCE

Unique aluminum alloy offers the perfect combination of strength, light weight and corrosion resistance

MODULAR SEALING SOLUTION

Based on pump size, the sealing system is adapted to provide the best solution

IMPROVED WEAR RESISTANCE

High-chrome (55HRC) impellers provide higher wear resistance

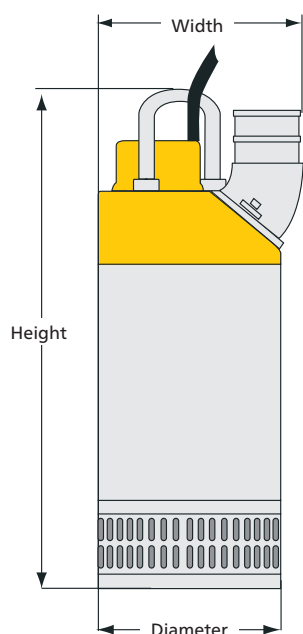
560 
HB

Drainage pumps, WEDA D

Technical data



		WEDA D04N	WEDA D04BN	WEDA D08N	WEDA D10N		WEDA D30L		WEDA D30N		WEDA D40N
Specifications		1ph	1ph	1ph	1ph	3ph	1ph	3ph	1ph	3ph	3ph
Max. head	ft	39.4	39.4	53.3	52	52	58	58	90	83	72
Max. flow	US gpm	67.6	59.4	79.3	117	119	370	370	200	190	450
	m ³ /h	15.0	13.5	19.5	28	29	75	75	51	51	79
Rated output	hp	0.5	0.5	1.0	1.5	1.3	3.0	3.0	2.7	2.5	4.3
Max. power input	kW	0.65	0.65	1.2	1.5	1.2	3.1	2.9	3.0	2.6	4
Discharge connection	in	2"	1" (2" optional)	2"	2"	2"	3" (4")	3" (4")	3" (4")	3" (4")	3" (4")
Max solid handling size	in	0.3"	0.18"	0.3"	0.16"	0.16"	0.27"	0.27"	0.27"	0.27"	0.27"
Weight and dimensions											
Weight	lbs	20.0	21.0	27.4	27.5	27.5	44	44	44	44	55.0
Height	in	13.4	16.4	14.1	15.5	15.5	20.6	20.6	19.4	19.4	20.6
Width	in	8.3	10.0	8.3	8.8	8.8	11.4	11.4	11.4	11.4	11.4
Diameter	in	7.2	8.7	7.3	7.3	7.3	8.7	8.7	8.7	8.7	8.7



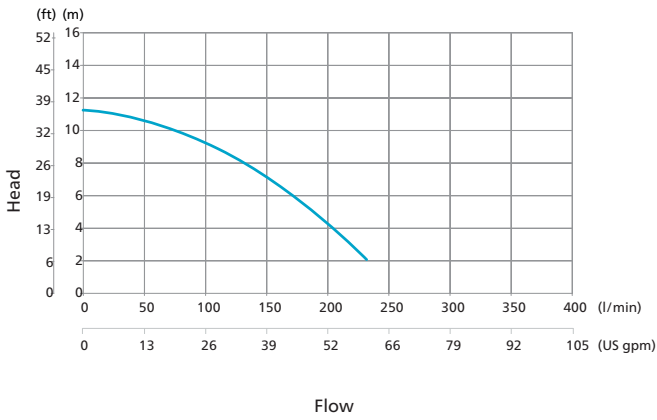
Typical applications

- General dewatering
- Ground water
- Raw water
- Construction sites

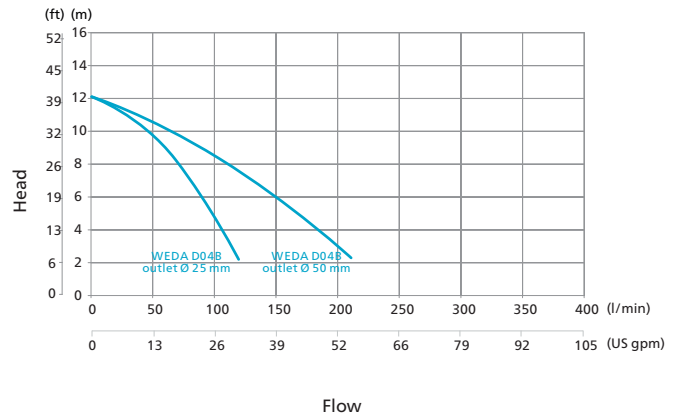


Performance curves

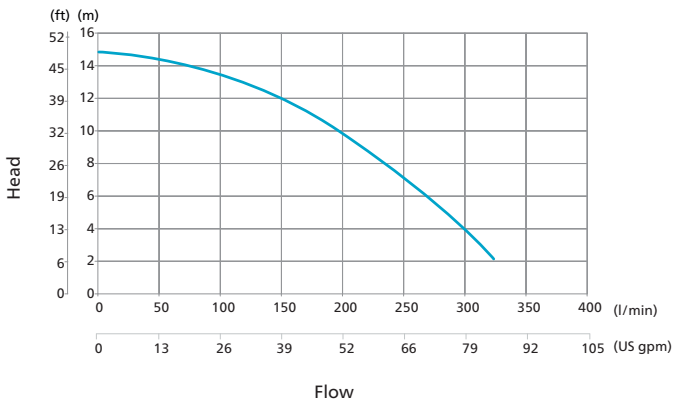
WEDA D04N



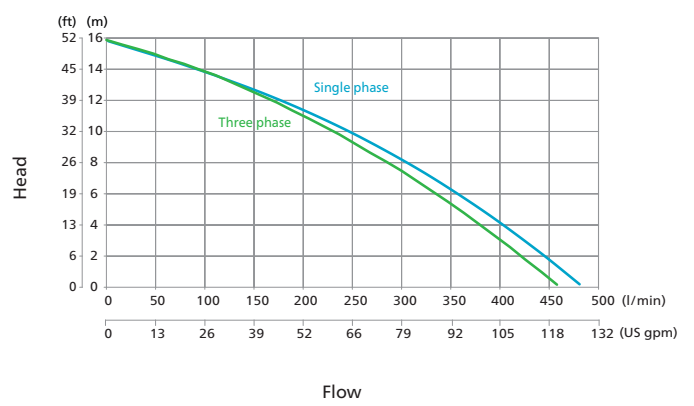
WEDA D04BN



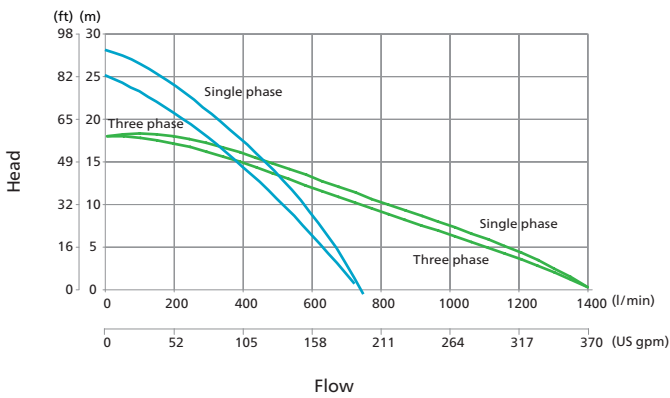
WEDA D08N



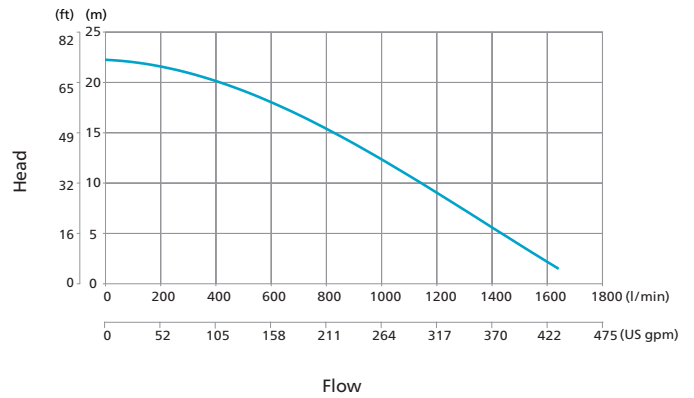
WEDA D10N



WEDA D30L, D30N



WEDA D40N



— Normal head
— Low head

According to ISO 9906 – ANNEX A

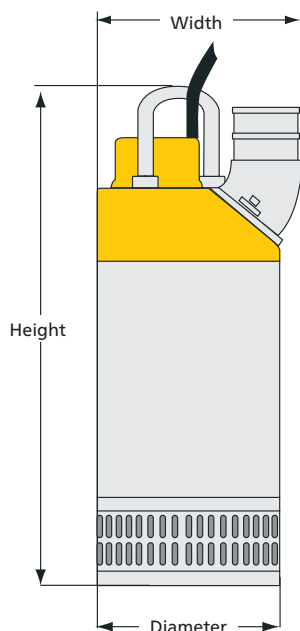
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Drainage pumps, WEDA D

Technical data



		WEDA D50N	WEDA D50H	WEDA D60N	WEDA D60H	WEDA D60SH	WEDA D70L	WEDA D70H	WEDA D80N	WEDA D80H	WEDA D90L	WEDA D90H	WEDA D100N
Specifications		3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph	3ph
Max. head	ft	83	135	100	170	250	110	254	145	240	120	325	115
Max. flow	US gpm	620	310	700	340	260	1200	300	1600	760	1700	560	6100
	m3/h	138	72	156	90	63	285	95	350	170	407	127	972
Rated output	hp	8.5	8.5	11.5	11.5	11.5	15.0	15.0	31	31	36	36	84
Max. power input	kW	7.5	7.5	10.0	10.0	10.0	13.4	16.2	26	26	28.6	31.0	80.0
Discharge connection	in	4" (3")	3" (4")	4" (3")	3" (4")	3" (4")	6" (4")	4" (6")	6" (4")	4" (6")	6" (4")	4" (6")	10"
Max solid handling size	in	0.32"	0.32"	0.32"	0.32"	0.32"	0.27"	0.27"	0.47"	0.47"	0.27"	0.27"	0.47"
Weight and dimensions													
Weight	lbs	122	122	134	134	138	209	209	400	400	400	400	1124
Height	in	28.3	28.3	29.9	29.9	29.9	15.5	15.5	38.6	38.6	43.4	43.4	55.5
Width	in	13.0	11.9	13.0	11.9	11.9	35.8	35.8	27.2	26.2	18.9	18.9	25.5
Diameter	in	10.9	10.9	10.9	10.9	10.9	14.1	14.1	20.9	20.9	15.8	15.8	23.6



Typical applications

- General dewatering
- Ground water
- Raw water
- Construction sites



We have all the accessories you need for your WEDA pump

Control panel

For easy control of pumps, different options available.



Discharge connections

It can be mounted in either a vertical or horizontal position.



• NPT

Slim Adapter

For lowering pumps in narrow pipes and manholes D50H, D60H, D70H, D90H only



Raft

For easy floatation of pump with fluctuating water levels. Strainer option available



Level regulators

For easy control of water level by automatic pump switch-on/-off:



• Float switch

Zinc anodes

Specifically required for pumping water with a high concentration of salts such as sea water, brine, etc.



Low suction collar

To easily drain the water level down to the floor.

Epoxy coating

For protecting pumps in highly acidic media.

Service kits

Seal kit

The seal kit is the proper selection of high quality components for a mechanical seal change to ensure trouble-free operation after servicing.

- O-ring kit
- Mechanical shaft seal



Instant service pack

The instant service pack is a preassembled, tested and ready-to-use seal system containing the mechanical shaft seals, bearings, gaskets and oil to ensure trouble-free operation. It offers a quick onsite repair option due to ease of installation and therefore reduces the machine downtime cost.



Wear part kit

The wear part kit is a typical selection of components to bring the pump performance back to factory standard. The ideal solution for a machine overhaul or refurbishment.

- Impeller
- Wear plate
- Diffuser
- Impeller nut