

# WEDA D10N (50 Hz)

## Product reference sheet

The WEDA drainage pumps handle either clean or sand-laden water, even with small solid particles, with the best performance and efficiency and with the highest power to weight ratio. These pumps are particularly suitable for general dewatering applications, ground water, raw water, construction sites and harsh conditions on site.

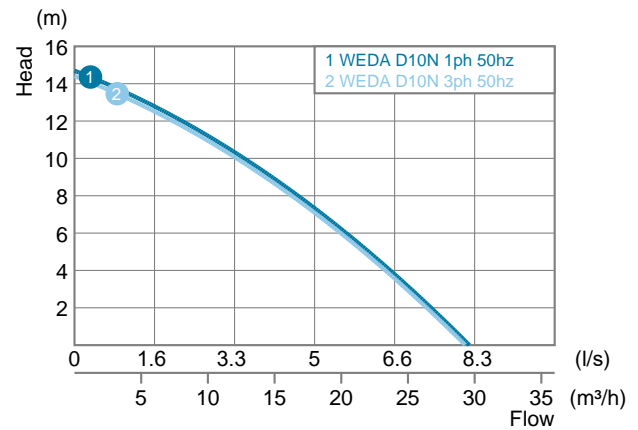
Product code	WEDA D10
Installation	Portable drainage pump
Hydraulic range	N - normal head
Insulation class	F (+155°C/+311°F) IEC 85
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start-stop	Max 30 starts/hour
Cable	H07RN-F (20 m) or SOOW AWG (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Rubber (NBR)
Strainer	Hard sole - reinforced polyethylene
Shaft	Stainless steel
O-rings	Rubber (NBR)
Main bearing	Single row ball bearing in oil
Mechanical seal	Primary + secondary: grease lubricated lip seal on WC wear sleeve
Built-in controls and protection	1 ph: capacitor + contactor 3 ph: contactor + control relay
Thermal contacts	140°C / 284°F
Options / accessories	Float switch Zinc anodes Epoxy coating Low suction collar Quick couplings (hose / NPT / ISO-G / Camlock / Storz) Pump raft Terminal board NSSHÖU screened cable

Product code	WEDA D10
Solid handling, strainer hole	4 mm
Liquid temperature	Max 40°C
Depth of immersion	Max 20 m
Max liquid specific gravity	1.1
pH of the pumped liquid	pH 5–8

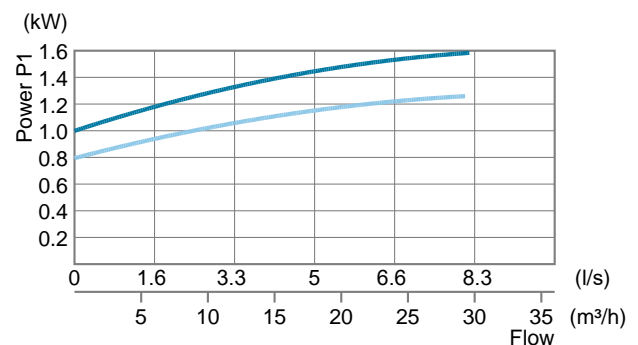
Weight and dimensions	N - Normal head
Discharge connection	2" (50 mm)
Height	395 / 470 (110V) mm
Width	225 mm
Diameter	185 mm
Weight (excl. cable)	13.0 kg



### Performance curve



### Power rating



Rating	1 ph	3 ph	Std cable
Power P <sub>1</sub>	1.6 kW	1.3 kW	
Power P <sub>2</sub>	1.0 kW	1.0 kW	
Shaft speed	2900 r.p.m.	2900 r.p.m.	
110 V	15.2 A	-	2.5mm <sup>2</sup>
230 V	7.1 A	4.1 A	1.5mm <sup>2</sup>
400 V	-	2.3 A	1.5mm <sup>2</sup>
500 V	-	1.9 A	1.5mm <sup>2</sup>
690 V	-	1.4 A	1.5mm <sup>2</sup>

Other voltages on request

NPE-MAR-SS-50

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