

# WEDA D70 (50 Hz)

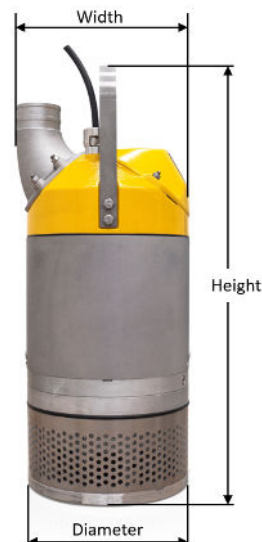
## Product reference sheet

The WEDA drainage pumps handle either clean or sand-laden water, even with small solid particles, with the best performance and efficiency. These pumps are designed with robustness, sustained performance and ease-of-maintenance in mind. Suitable for general dewatering applications, ground water, raw water, construction sites and harsh conditions on site.

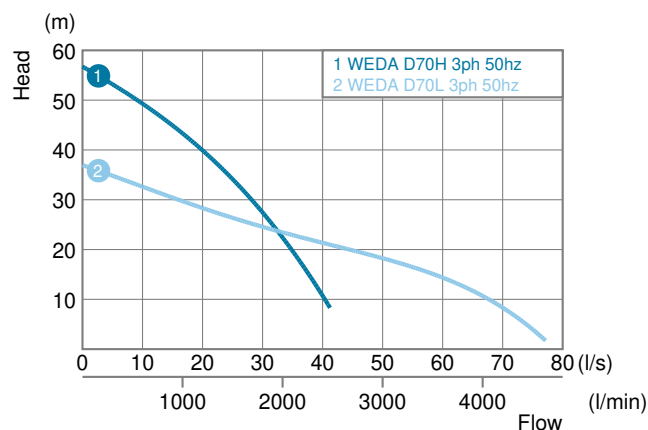
Product code	WEDA D70
Installation	Portable drainage pump
Hydraulic range	L - high flow H - high head
Insulation class	F (+155°C/+311°F) IEC 85
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start-stop	Max 30 starts/hour
Cable	H07RN-F (20 m) or SOOW AWG (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Rubber (NBR)
Diffuser	Polyurethane
Strainer	Corrosion resistant aluminum
Shaft	Stainless steel
O-rings	Rubber (NBR)
Main bearing	Double row ball bearing, pre-greased
Mechanical seal	Cartridge-type, primary + secondary: SiC/SiC
Built-in controls and protection	contactor + control relay + overload relay
Thermal contacts	140°C / 284°F
Options / accessories	Float switch Zinc anodes Epoxy coating Quick couplings (hose / NPT / ISO-G / Camlock / Storz) Pump raft Terminal board Softstarter NSSHÖU screened cable Slim adapter D70H

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Solid handling, strainer hole	10 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

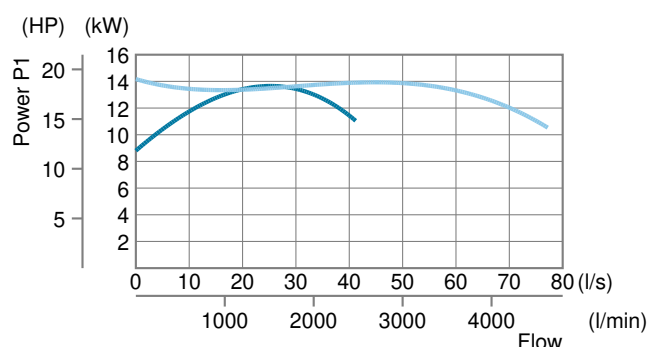
Weight and dimensions	L - High flow	H - High head
Discharge connection	6" (150 mm)	4" (100mm)
Height	943 mm	943 mm
Width	416 mm	393 mm
Diameter	370 mm	370 mm
Weight (excl. cable)	110 kg	110 kg



### Performance curve



### Power rating



Rating	3 ph	Std cable
Power P <sub>1</sub>	14.4 kW	
Power P <sub>2</sub>	12 kW	
Shaft speed	2900 r.p.m.	
400 V	24 A	4mm <sup>2</sup>
500 V	19.3 A	2.5mm <sup>2</sup>
690 V	14.0 A	2.5mm <sup>2</sup>
1000 V	9.4 A	2.5mm <sup>2</sup>
Other voltages on request		

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Power and Flow division

www.atlascopco.com/dewatering-pumps