WEDA D70 (60 Hz)

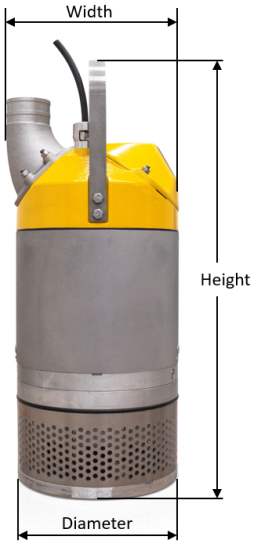
Product reference sheet

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.

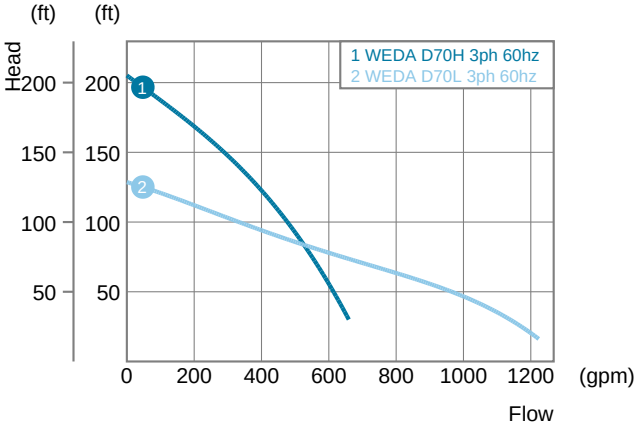
Product code	WEDA D70
Installation	Portable drainage pump
Hydraulic range	L - high flow H - high head
Insulation class	H (+180°C/+356°F) IEC 85 (VFD-ready)
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start-stop	Max 30 starts/hour
Cable	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

Product code	WEDA D70
Solids handling, strainer hole	0.39 in
Liquid temperature	Max 104°F
Depth of immersion	Max 65 ft
Max liquid specific gravity	1.1
pH of the pumped liquid	pH 5–8

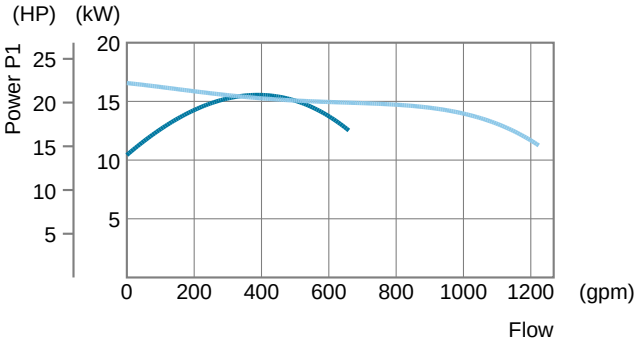
Weight and dimensions	L - High flow	H - High head
Discharge connection	6 in	4 in
Height	37.1 in	37.1 in
Width	16.4 in	15.5 in
Diameter	14.6 in	14.6 in
Weight (excl. cable)	244 lb	244 lb



Performance curve



Power rating



Rating	3 ph	Std cable
Power P_1	15 kW	
Power P_2	18 HP	
Shaft speed	3500 r.p.m.	
460 V	24 A	AWG8
575 V	18.2 A	AWG10

Other voltages on request

Atlas Copco
Power and Flow division
www.atlascopco.com/dewatering-pumps

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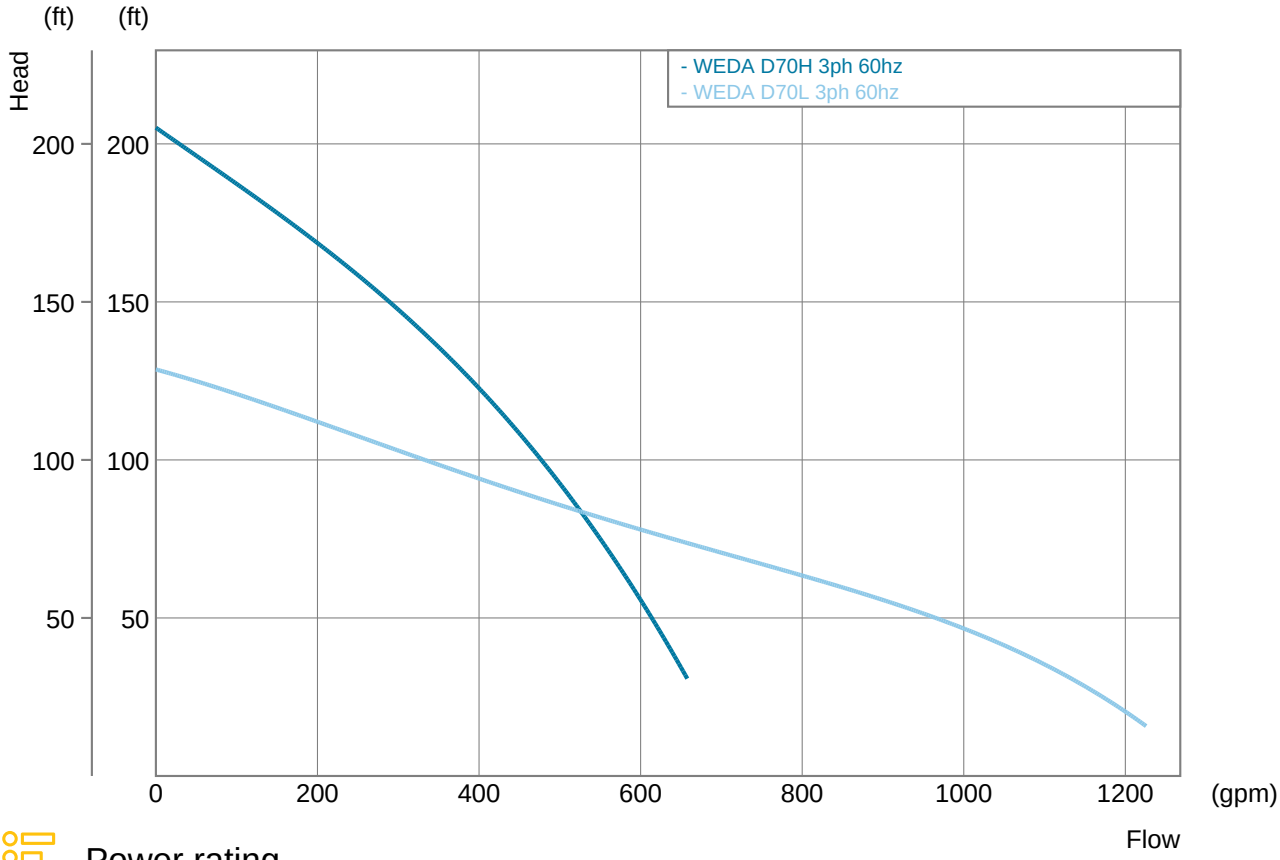
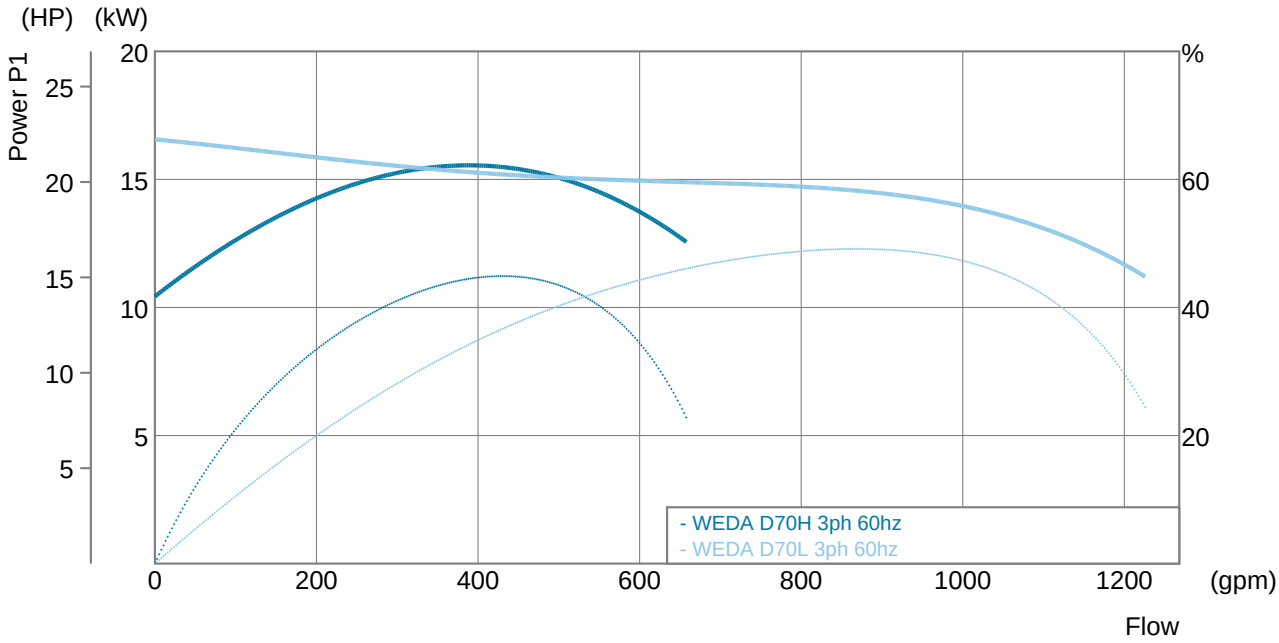
Performance sheet

Performance curve



Power rating



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