

WEDA D100 (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.

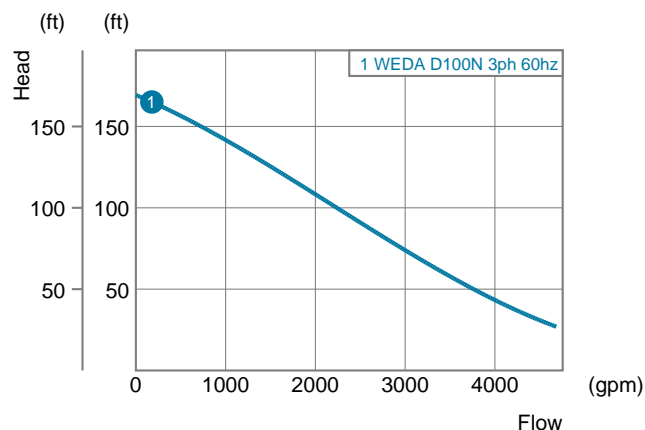
Product code	WEDA D100
Installation	Portable drainage pump
Hydraulic range	N - normal head
Insulation class	H (+180°C/+356°F) IEC 85
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start-stop	Max 30 starts/hour
Cable	H07RN-F (20 m) US only: no cable
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Cast iron
Strainer	Galvanized steel
Shaft	Stainless steel
O-rings	Rubber (NBR)
Main bearing	2 x single row ball bearing in oil
Mechanical seal	Primary SiC/WC + secondary: carbon/SiC
Thermal contacts	140°C / 284°F
Options / accessories	Zinc anodes Epoxy coating Couplings (hose / NPT / ISO-G) Pump raft NSSHÖU screened cable

Product code	WEDA D100
Solids handling, strainer hole	0.47 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

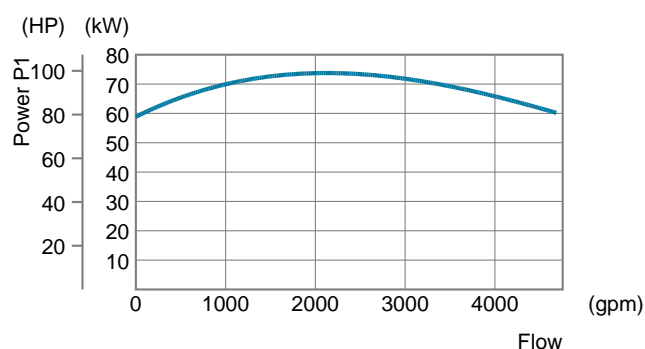
Weight and dimensions	N - Normal head
Discharge connection	10 in
Height	55.5 in
Width	25.5 in
Diameter	23.6 in
Weight (excl. cable)	1133 lb



Performance curve



Power rating



Rating	3 ph
Power P ₁	74 kW
Power P ₂	92 HP
Shaft speed	1750 r.p.m.
460 V	105 A
575 V	95 A
Other voltages on request	

(2022-07-19) 2960 3270 00 rev 6 2022.05 - Subject to modifications without prior notice

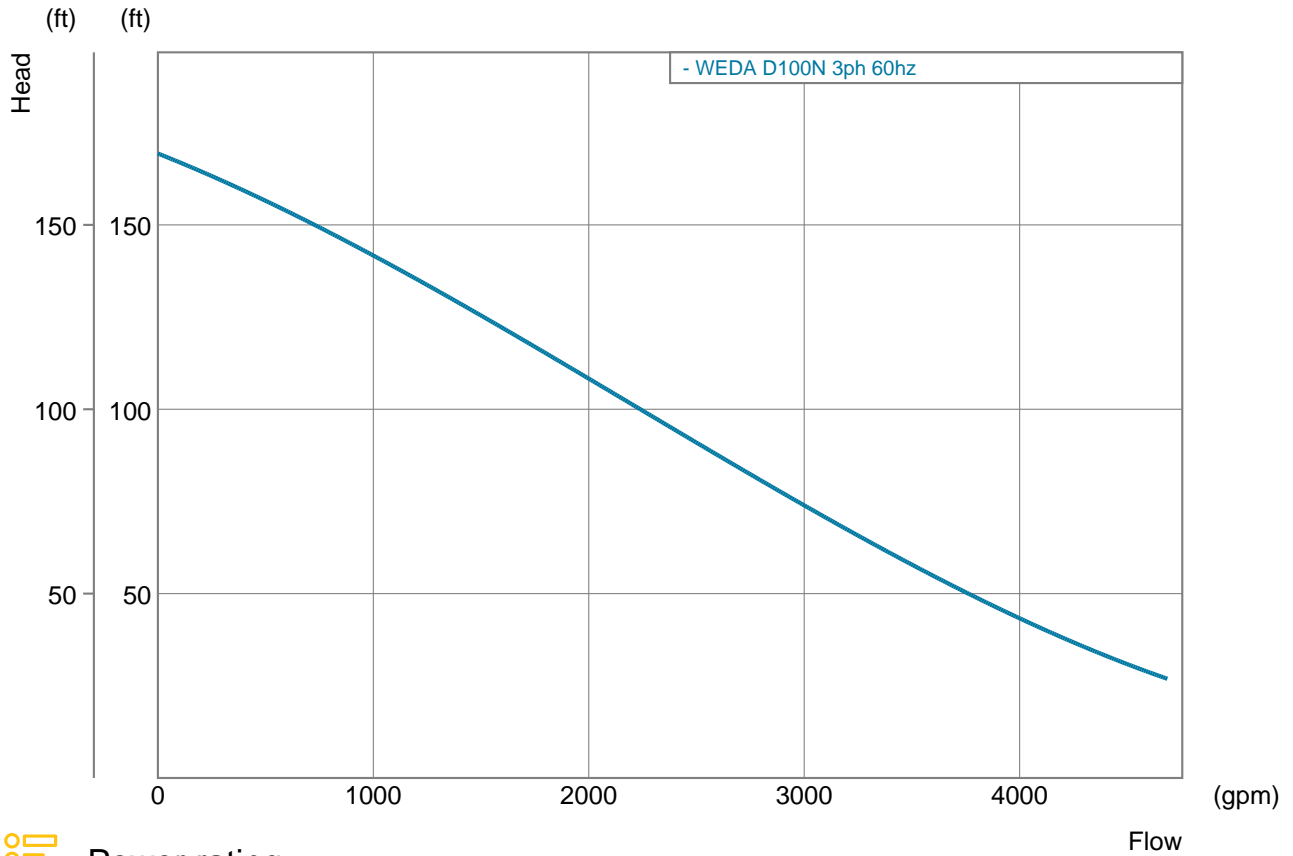


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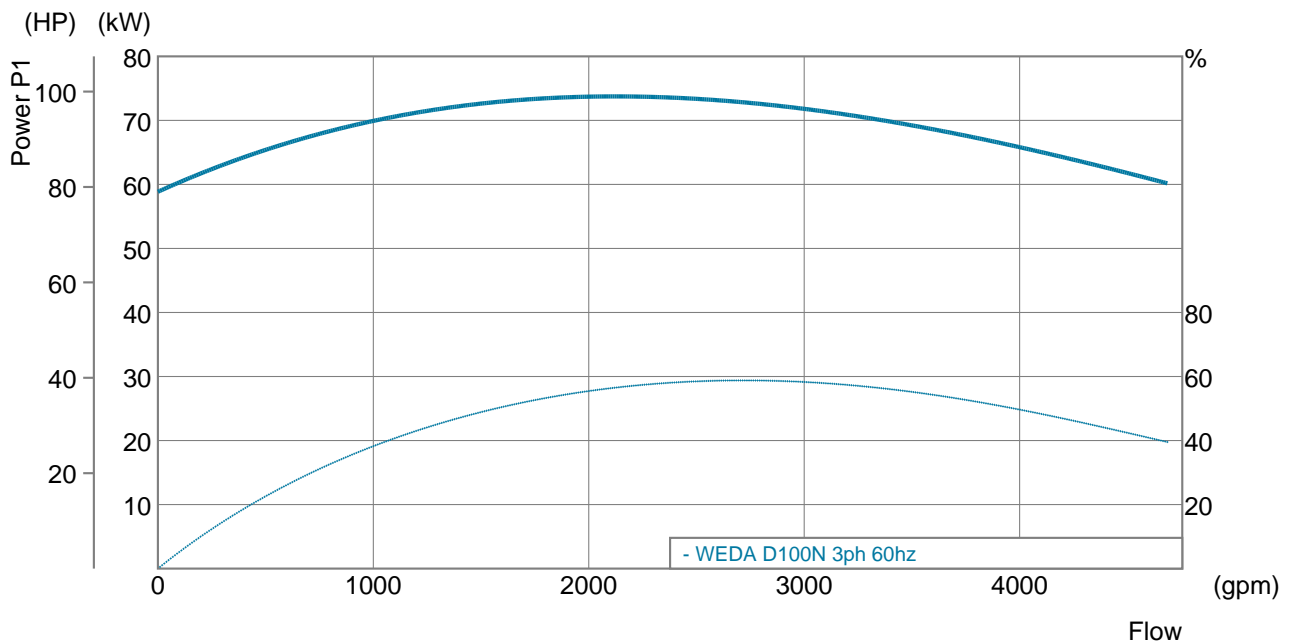
Performance sheet



Performance curve



Power rating



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