

WEDA D100N (60 Hz)

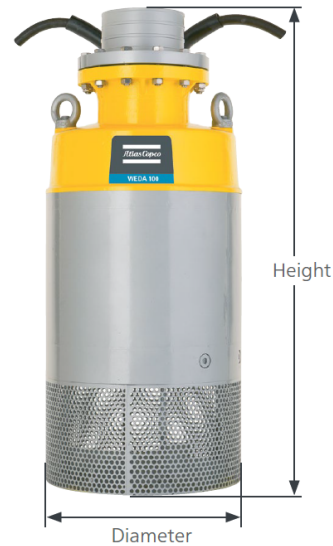
WASD100.01 Product reference sheet

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.

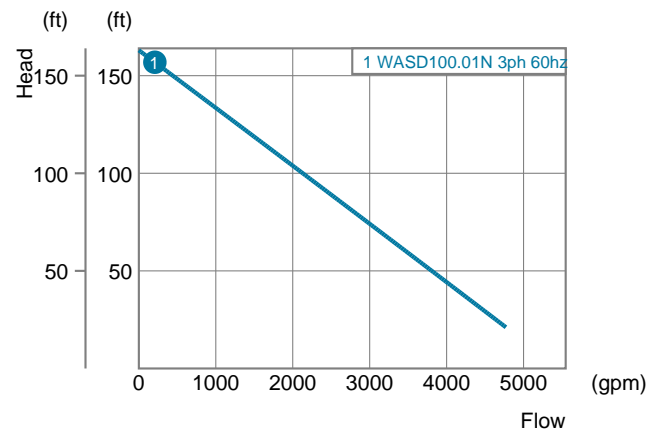
Product code	WEDA D100N
Installation	Portable drainage pump
Hydraulic range	N - normal head
Insulation class	H (+180°C/+356°F) IEC 85 (VFD-ready)
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start-stop	Max 30 starts/hour
Cable	type H07RN-F (20 m) US: type W (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Cast iron and rubber (NBR)
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) 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

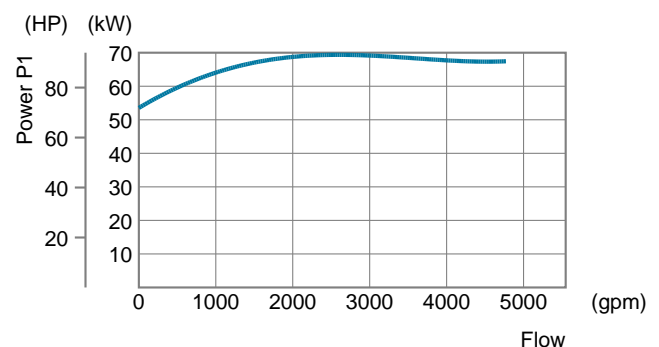
Weight and dimensions	N - Normal head
Discharge connection	10 in
Height	55.6 in
Width	25.6 in
Diameter	23.6 in
Weight (excl. cable)	1156 lb



Performance curve



Power rating



Rating	3 ph	Std cable
Power P ₁	74 kW	
Power P ₂	92 HP	
Shaft speed	1750 r.p.m.	
460 V (YD)	105 A	2 x AWG2
460 V (DOL)	105 A	1 x AWG2
575 V	84 A	

Other voltages on request



Atlas Copco

Power and Flow division

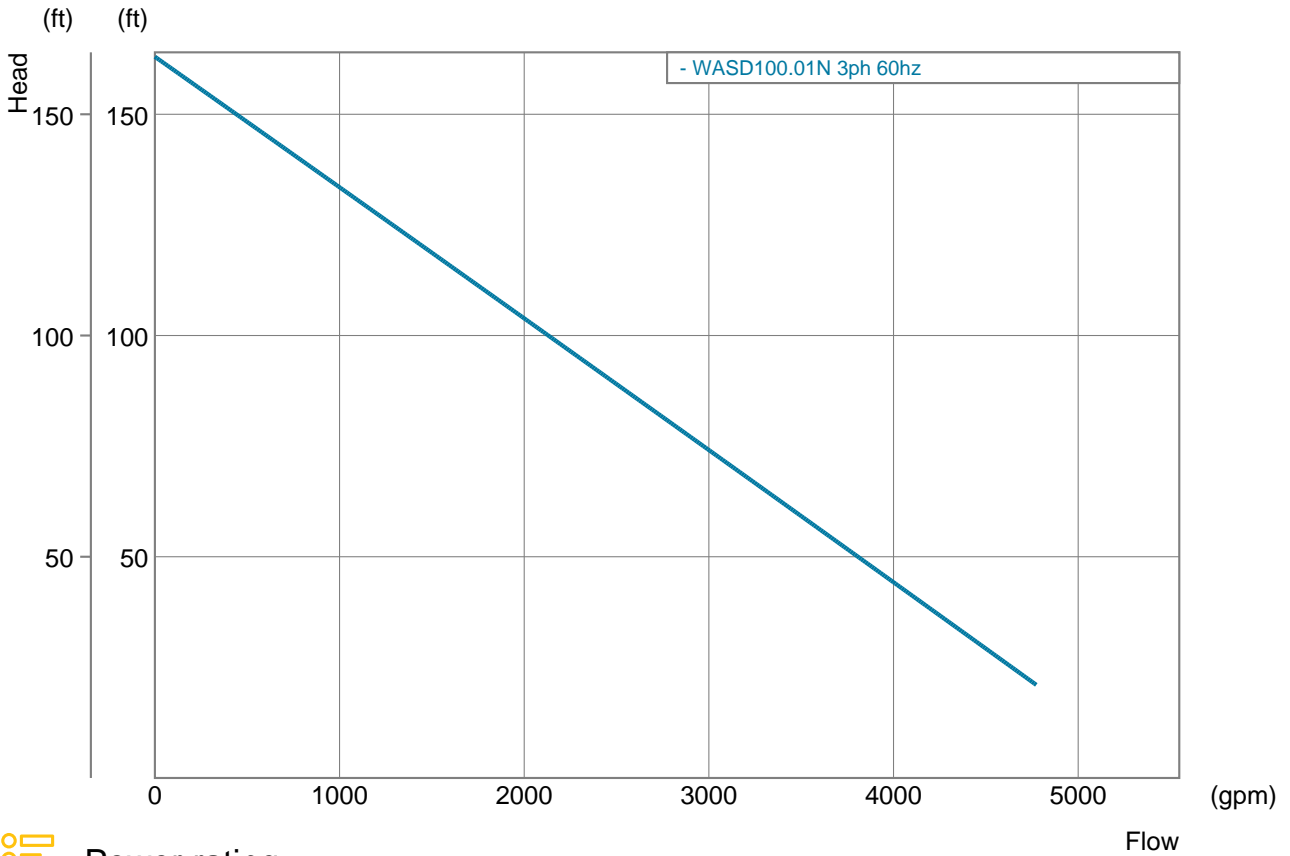
www.atlascopco.com/dewatering-pumps

WASD100.01N

Performance sheet



Performance curve



Power rating

