WEDA L100 (60 Hz)

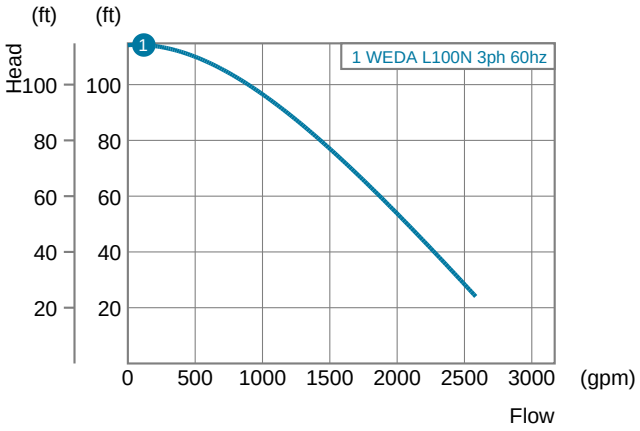
Product reference sheet

The WEDA slurry pumps are the toughest and have the largest apertures to facilitate handling of slurry with the most challenging solids. These pumps are specially designed to operate in quarries, dredging and settling ponds, dealing with abrasive media with high solids content. All WEDA L slurry pumps use an agitator for increased solids removal efficacy.

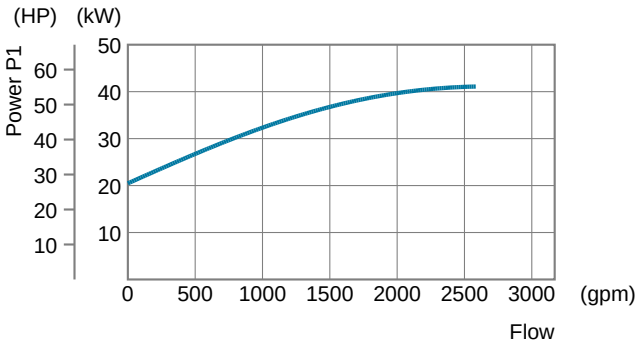
Product code	Weda L100N
Installation	Portable
Hydraulic range	N - normal head
Liquid temperature	max 35°C (95°F) , standard
pH of the pumped liquid	4-10
Depth of immersion	20 m (65 ft)
Number of poles	6
Insulation class	H
Protection class	IP68
Thermal contacts	110°C (230°F)
Cable	H07RN-F 4G35/TYPEW 4xAWG2
Cable length	20 m (65 ft)
Outer casing	CI Alloy
Impeller	Cr Alloy CI
Agitator	Cr Alloy CI
Wear parts	Cr Alloy CI
Stator housing	CI Alloy
Strainer	Steel
Shaft	39NiCrMo3 or equivalent
O-rings	Viton
Discharge connection	Steel
Bearings	Heavy Duty Bearings
Motor side seals	2 lip seals (BUNA)
Impeller side seals	5 lip seals (3 BUNA + 2 PTFE) + 1 V-RING (TPU)
Start type	Direct-on-line

Weight and dimensions	Weda L100N
Discharge connection	6 in (150 mm) ANSI flange
Solid handling	60 mm (2.4 in)
Weight (excl. cable)	2233 lb
Height	63.2 in
Width	36.8 in
Diameter	21.5 in
Minimum immersion	59.4 in

Performance curve



Power rating



Rating	3 ph
Power P_1	49 kW (65 HP)
Power P_2	45 kW (60 HP)
460 V	76 A
Shaft speed	1150 r.p.m.

Other voltages on request

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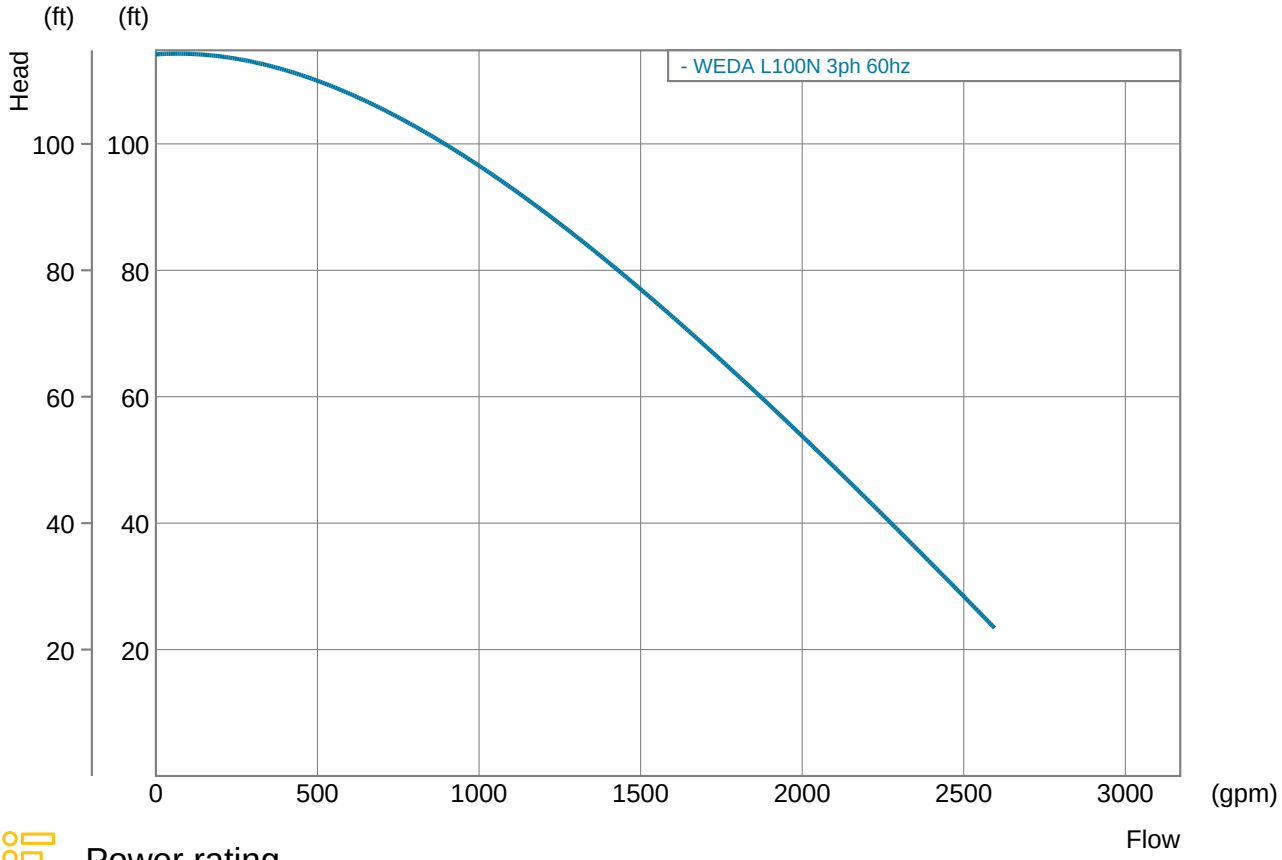
www.atlascopco.com/dewatering-pumps

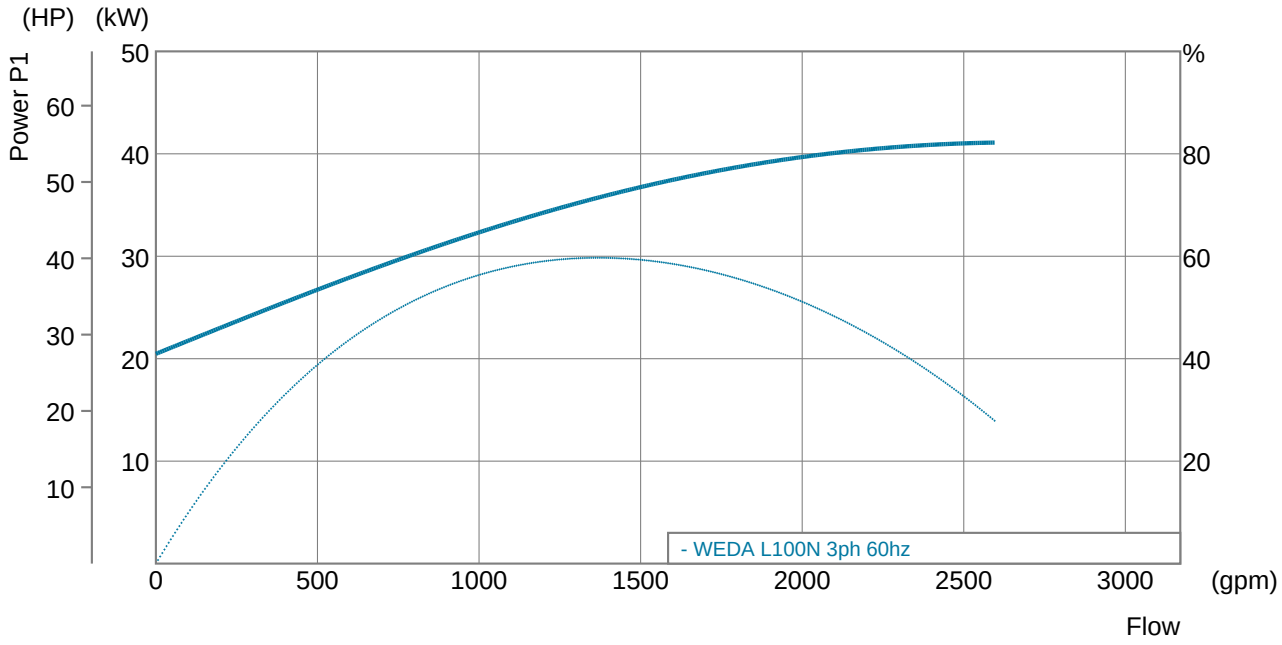
WEDA L100

Performance sheet

Performance curve



Power rating



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