

WEDA L80 (60 Hz)

Product reference sheet

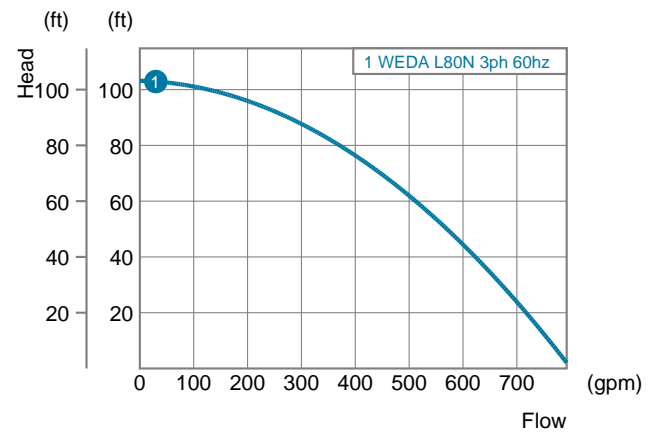
The WEDA slurry pumps are the toughest and have the largest apertures to facilitate handling of slurry with the most challenging solids. These pumps are specially designed to operate in quarries, dredging and settling ponds, dealing with abrasive media with high solids content. All WEDA L slurry pumps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

Product code	Weda L80N
Installation	Portable
Discharge connection	DN100/ASME 4 in/DIN
Hydraulic range	N - normal head
Solid handling	Max. solids 25 mm 1 in
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	4
Insulation class	H
Protection class	IP68
Thermal contacts	110°C (230°F)
Cable	H07RN-F 4G10/SOOW 4xAWG6
Cable length	20 m (65 ft)
Outer casing	Cl Alloy
Impeller	Cr Alloy Cl
Agitator	Cr Alloy Cl
Wear parts	Cr Alloy Cl
Stator housing	Cl Alloy
Strainer	Steel
Shaft	39NiCrMo3 or equivalent
O-rings	Viton
Discharge connection	Steel
Bearings	Heavy Duty Bearings
Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU)
Start type	Direct-on-line

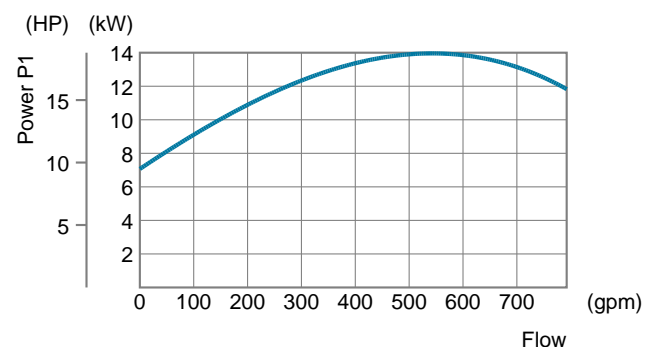
Weight and dimensions	Weda L80N
Discharge connection	4 in (100 mm) ANSI flange
Solid handling	25 mm (1 in)
Weight (excl. cable)	689 lb
Height	42.5 in
Width	22.8 in
Diameter	19.5 in
Minimum immersion	16.2 in



Performance curve

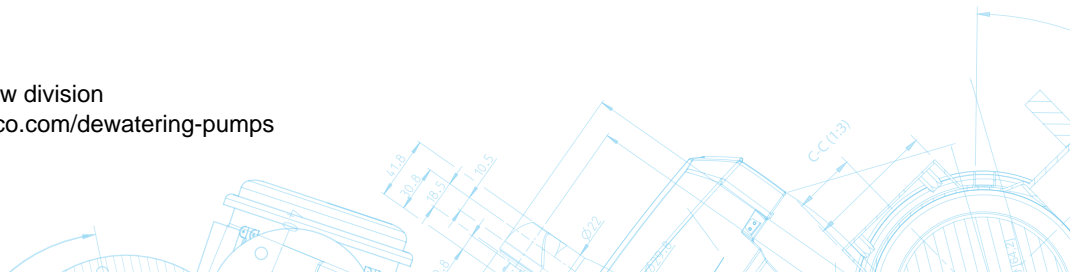


Power rating



Rating	3 ph
Power P ₁	16.1 kW (21.6 HP)
Power P ₂	15 kW (20 HP)
460 V	25.4 A
Shaft speed	1750 r.p.m.
Other voltages on request	

(2023-03-01) 2960 3620 00 rev 1 2021.06 - Subject to modifications without prior notice

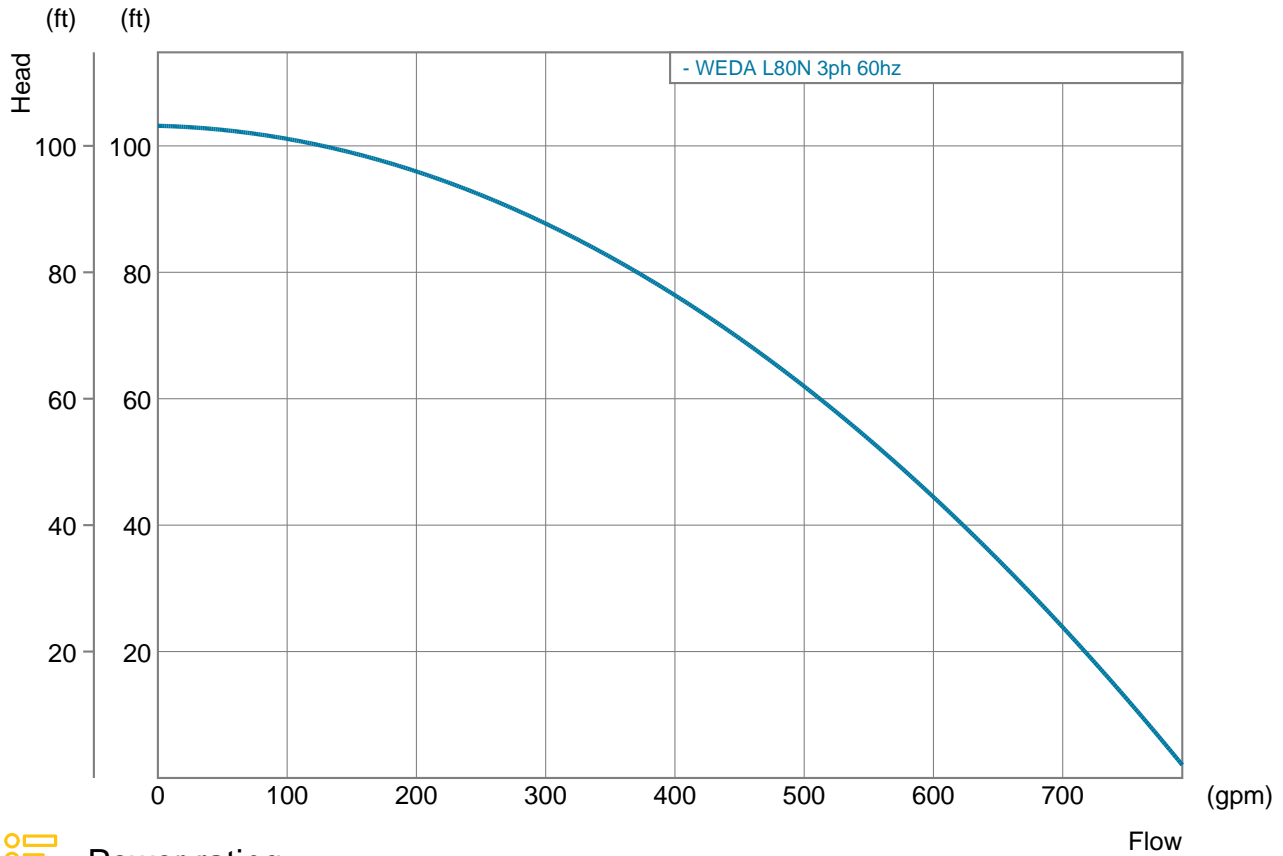


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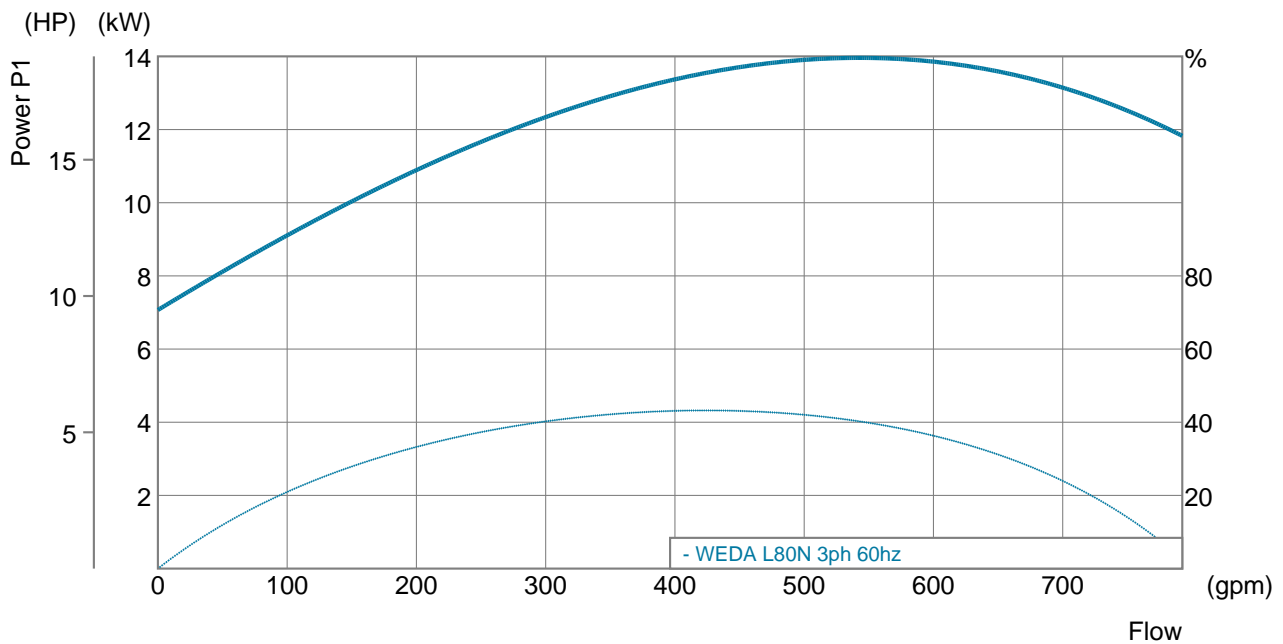
Performance sheet



Performance curve



Power rating



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