WEDA S30 (50 Hz)

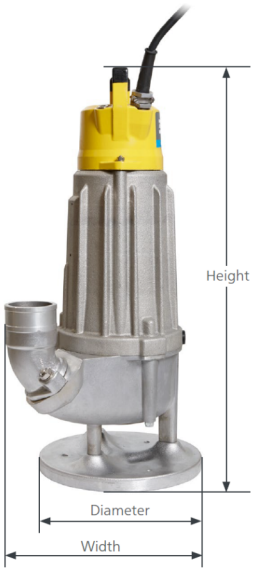
Product reference sheet

The WEDA sludge pumps can handle thick, soft, wet mud or other similarly viscous mixtures of liquids and solids, especially the product of an industrial or refining process. These pumps are particularly suitable for mining applications, trench and pond-cleaning, tank clean-out and for water containing mud, sludge or light slurry.

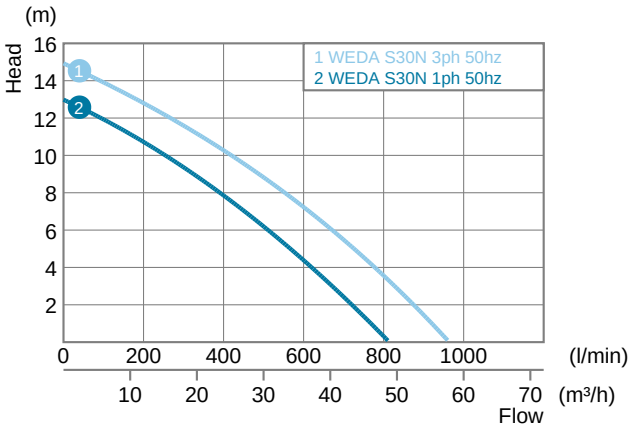
Product code	WEDA S30
Installation	Portable sludge pump
Hydraulic range	N - normal head
Insulation class	F (+155°C/+311°F) IEC 85
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start stop	Max 30 starts/hour
Cable	H07RN-F (20 m) or SOOW AWG (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Rubber (NBR)
Volute	Rubber (NBR) lining
Shaft	Stainless steel
O-rings	Rubber (NBR)
Bearings	Single row ball bearing in oil
Mechanical seal	Primary + secondary: SiC/SiC
Built-in controls and protection	1 ph: capacitor + contactor 3 ph: contactor + control relay
Thermal contacts	140°C / 284°F
Options / accessories	Float switch Zinc anodes Epoxy coating Couplings (hose / ISO-G / NPT) Terminal board NSSHÖU screened cable

Product code	WEDA S30
Solid handling	50 mm
Liquid temperature	Max 40°C
Depth of immersion	Max 20 m
Max liquid specific gravity	1.2
pH of the pumped liquid	pH 5–8

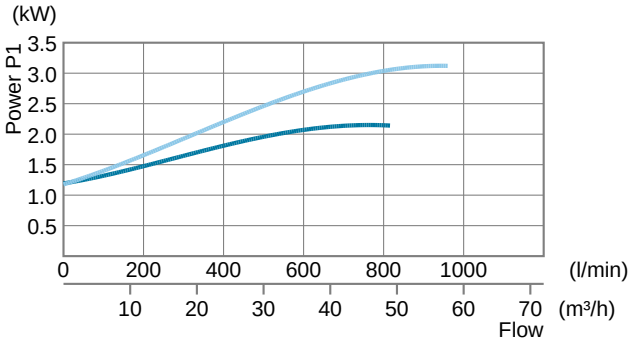
Weight and dimensions	N - Normal head
Discharge connection	3" (75 mm)
Height	620 mm
Width	326mm
Diameter	250 mm
Weight (excl. cable)	25 kg



Performance curve



Power rating



Rating	1 ph	3 ph	Std cable 1/3ph
Power P_1	2.4 kW	3.0 kW	
Power P_2	1.8 kW	2.5 kW	
Shaft speed	2900 r.p.m.	2900 r.p.m.	
230 V	12.7 A	8.8 A	2.5mm²/1.5 mm²
400 V	-	5.0 A	1.5mm²
500 V	-	4.0 A	1.5mm²
690 V	-	2.9 A	1.5mm²

Other voltages on request

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

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WEDA S50 (50 Hz)

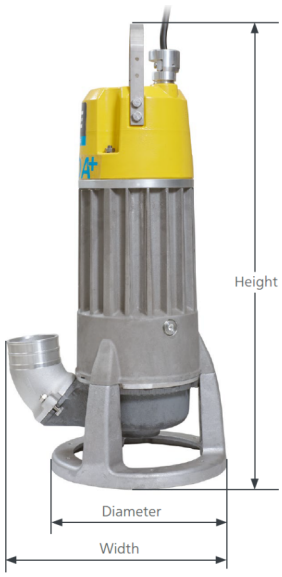
Product reference sheet

The WEDA sludge pumps can handle thick, soft, wet mud or other similarly viscous mixtures of liquids and solids, especially the product of an industrial or refining process. These pumps are particularly suitable for mining applications, trench and pond-cleaning, tank clean-out and for water containing mud, sludge or light slurry.

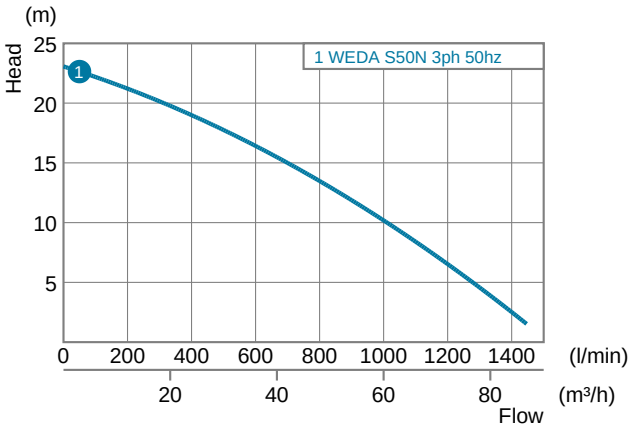
Product code	WEDA S50
Installation	Portable sludge pump
Hydraulic range	N - normal head
Insulation class	H (+180°C/+356°F) IEC 85
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start stop	Max 30 starts/hour
Cable	H07RN-F (20 m) or SOOW AWG (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Rubber (NBR)
Volute	High chrome iron, 55±5 HRC
Shaft	Stainless steel
O-rings	Rubber (NBR)
Bearings	Double row ball bearing in oil
Mechanical seal	Primary + secondary: SiC/SiC
Built-in controls and protection	contactor + control relay
Thermal contacts	140°C / 284°F
Options / accessories	Float switch Zinc anodes Epoxy coating Couplings (hose / ISO-G / NPT) Terminal board NSSHÖU screened cable

Product code	WEDA S50
Solid handling	50 mm
Liquid temperature	Max 40°C
Depth of immersion	Max 20 m
Max liquid specific gravity	1.2
pH of the pumped liquid	pH 5–8

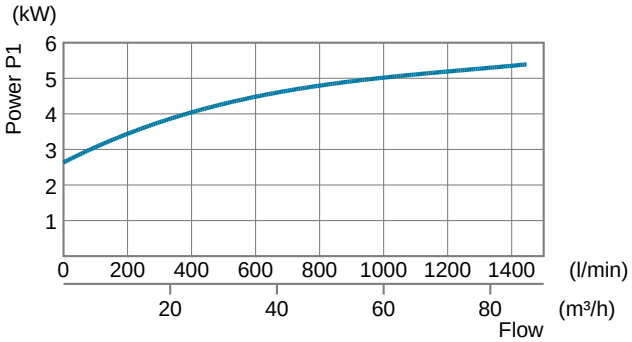
Weight and dimensions	N - Normal head
Discharge connection	4" (100 mm)
Height	810 mm
Width	450 mm
Diameter	350 mm
Weight (excl. cable)	59 kg



Performance curve



Power rating



Rating	3 ph	Std cable
Power P_1	5.7 kW	
Power P_2	4.8 kW	
Shaft speed	2900 r.p.m.	
230 V	16 A	2.5mm²
400 V	9.2 A	2.5mm²
500 V	7.3 A	2.5mm²
690 V	5.3 A	2.5mm²

Other voltages on request

Atlas Copco
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WEDA S60 (50 Hz)

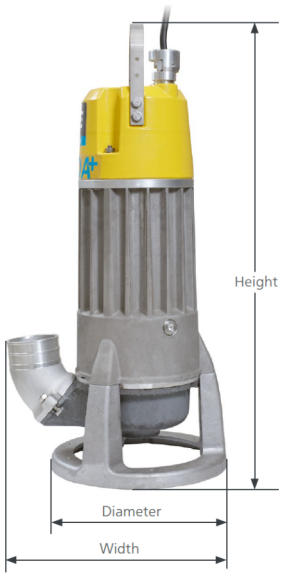
Product reference sheet

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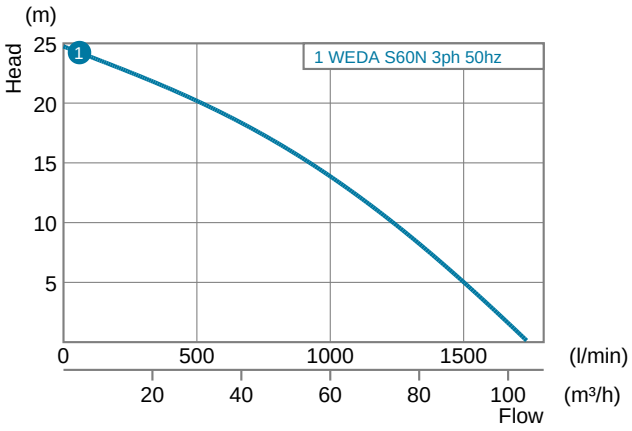
Product code	WEDA S60
Installation	Portable sludge pump
Hydraulic range	N - normal head
Insulation class	H (+180°C/+356°F) IEC 85
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start stop	Max 30 starts/hour
Cable	H07RN-F (20 m) or SOOW AWG (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Rubber (NBR)
Volute	High chrome iron, 55±5 HRC
Shaft	Stainless steel
O-rings	Rubber (NBR)
Bearings	Double row ball bearing in oil
Mechanical seal	Primary + secondary: SiC/SiC
Built-in controls and protection	contactor + control relay
Thermal contacts	140°C / 284°F
Options / accessories	Float switch Zinc anodes Epoxy coating Couplings (hose / ISO-G / NPT) Terminal board NSSHÖU screened cable

Product code	WEDA S60
Solid handling	50 mm
Liquid temperature	Max 40°C
Depth of immersion	Max 20 m
Max liquid specific gravity	1.2
pH of the pumped liquid	pH 5–8

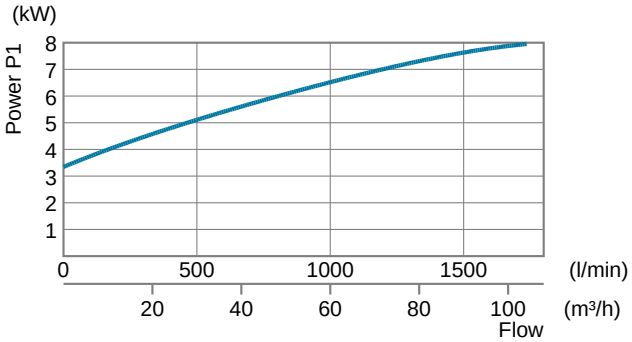
Weight and dimensions	N - Normal head
Discharge connection	4" (100 mm)
Height	870 mm
Width	450 mm
Diameter	350 mm
Weight (excl. cable)	65 kg



Performance curve



Power rating



Rating	3 ph	Std cable
Power P_1	8.1 kW	
Power P_2	6.9 kW	
Shaft speed	2900 r.p.m.	
230 V	24 A	4mm²
400 V	13.1 A	2.5mm²
500 V	10.5 A	2.5mm²
690 V	7.6 A	2.5mm²

Other voltages on request

Atlas Copco
Power and Flow division
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