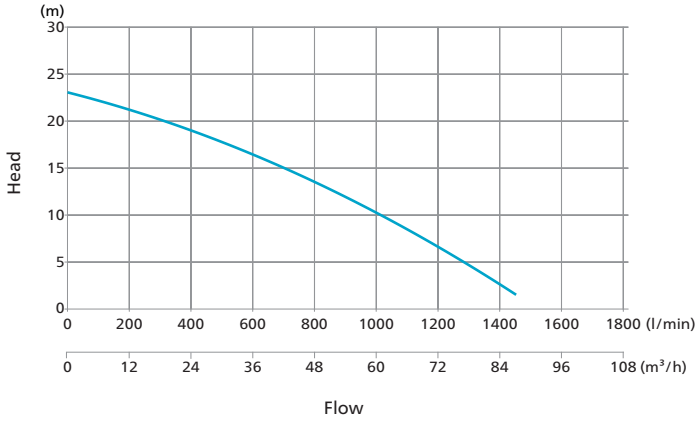
WEDA S50 (50 Hz)
Product reference

Product code	Weda S50
Installation	Portable Sludge pump
Discharge connection	4" std for WEDA S50N, hose, ISO-G or NPT thread
Hydralic range	N - Normal Head
Solid handling	Max solid handling 50 mm
Liquid Temperature	max 40°C (104°F), standard
Depth of immersion	max 20 m (65 feet)
Liquid density	1100 kg/m³ (9.2 lb. per US gal.)
pH of the pumped liquid	pH 5–8
Frequency	50 Hz
Insulation class	Class F (+155C), IEC 85
Protection class	IP68
Voltage variation	max ± 5% of nominal voltage
Voltage imbalance	max 2% - between phases
Max start stop	max 30 - No. of starts/hour
Thermal contacts	140°C (284°F)
Cable	Oil and wear resistant rubber cable type HO7RN-F
	230V, 20m 4G4mm²
	400V, 20m 7G2,5mm², 4G2,5mm²
	500V, 20m 4G2,5mm²
Volute	Cr-alloyed white cast iron, 55±5 HRC
Impeller	Cr-alloyed white cast iron, 55±5 HRC
Stator housing	Aluminum
Shaft	Stainless steel
O-rings	Nitrile rubber
Discharge connection	Aluminum
Bearings	Double-row ball bearing with C3 clearance
Mechanical seal	Instant Service Pack contains below in an oil bath
	Primary seal: Silicon carbide against silicon carbide.
	Secondary seal: Silicon carbide against silicon carbide.
Quick couplings	3" BSP female Camlock adaptor/coupling/ Storz coupling 75-B
	4" BSP female Storz coupling
Start type	Built-in contactor with rotation control for DOL start
Accessories	Float switch
	Zinc anodes
	Epoxy coating

Weight and dimensions		Normal head
Weight (excl. cable)	kg	59
Height	mm	810
Width	mm	450
Diameter	mm	350

Performance curve



Power rating

Rated power (P2) 4,8 kW	
Max. Power input 5,7 kW	
Motor Data	**Rated current A**
230V	16
400V	9,2
440V	8,3
500V	7,3
550V	6,7
690V	5,6

Other voltages available on request

2960 5410 00 - Subject to modifications without prior notice.

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