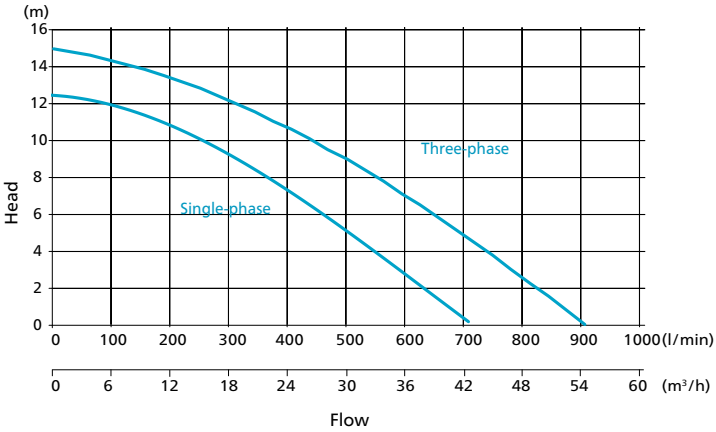
WEDA S30 (50 Hz)

Product reference

Product code	WEDA S30
Installation	Portable Sludge pump
Discharge connection	3" std, hose, ISO-G or NPT thread
Hydralic range	N - Normal Head
Solid handling	Max solid handling size 50 mm
Liquid temperature	max 40°C (104°F), standard
Depth of immersion	max 20 m (65 feet)
Liquid density	1100 kg/m^3 (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
	1 Ph: 20m 3G2.5 mm^2 + plug
	3 Ph: 20m 4G1.5 mm^2
Volute	Rubber lining
Impeller	Cr-alloyed white cast iron, 55±5 HRC
Stator housing	Aluminum
Shaft	Stainless steel
O-rings	Nitrile rubber
Discharge connection	Aluminum
Bearings	Single row ball bearing with C3 clearance
Mechanical seal	Primary seal: Silicon carbide against silicon carbide
	Secondary seal: Lip seal against wear sleeve
	External Plug for Oil Inspection
Quick couplings	3" BSP female Camlock adaptor/coupling/ Storz coupling 75-B
Start type	Built-in capacitor + contactor 1 Ph. Built-in contactor and rotation control for 3 ph
Accessories	Float switch
	Zinc anodes
	Epoxy coating

2960 2310 00 - Subject to modifications without prior notice.

Performance curve



Power rating

Rated power (P2) 2,5 kW		
Voltage	**Max. power input kW**	**Rated current A**
230V / 1 Ph	2,2	9,9
230V / 3 Ph	3,1	9,6
400V / 3 Ph	3,1	5,5
500V / 3 Ph	3,1	4,4
690V / 3 Ph	3,1	3,0

Other voltages available on request

Weight and dimensions		Normal head
Weight (excl. cable)	kg	25
Height	mm	620
Width	mm	326
Diameter	mm	250

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