

# WEDA D10 (50 Hz)

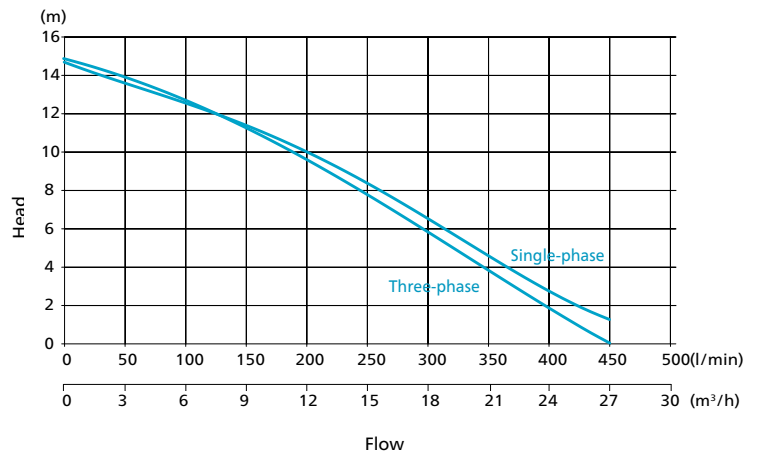
## Product reference

Product code	WEDA D10
Installation	Portable Drainage pump
Discharge connection	2" std, hose, ISO-G or NPT thread
Hydraulic range	N - Normal Head
Solid handling	Strainer hole dimension 4 mm
Liquid Temperature	max 40°C (104°F), standard
Depth of immersion	max 20 m (65 feet)
Liquid density	1100 kg/m <sup>3</sup> (9.2 lb. per US gal.)
pH of the pumped liquid	pH 5–8
Frequency	50 Hz
Insulation class	Class F (+155°C), 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 3G1.5 mm <sup>2</sup> + plug (230V); 20m 3G2.5 mm <sup>2</sup> (110V) 3 Ph: 20m 4G1.5 mm <sup>2</sup>
Outer casing	Aluminium
Impeller	Cr-alloyed white cast iron, 55±5 HRC
Wear parts	Nitrile rubber
Stator housing	Aluminum
Strainer	Hard Sole - Reinforced Polyethylene
Shaft	Stainless steel
O-rings	Nitrile rubber
Discharge connection	Aluminum
Bearings	Single row ball bearing with C3 clearance
Mechanical seal	Primary and secondary grease lubricated lip seals against wear sleeve of tungsten carbide External Plug for Grease filling
Quick couplings	2" BSP female Camlock adaptor/coupling/ Storz coupling 52-C
Start type	Built-in capacitor + contactor 1 Ph. Built-in contactor and rotation control for 3 ph
Accessories	Float switch Zinc anodes Epoxy coating, low suction



2960 2950 00 - Subject to modifications without prior notice.

### Performance curve



### Power rating

Rated power (P2) 1,0 kW		
Voltage	Max. power consumption kW	Max. current A
110V / 1 Ph	1,5	13,0
230V / 1 Ph	1,5	6,1
230V / 3 Ph Δ	1,2	4,0
400V / 3 Ph Y	1,2	2,0
500V / 3 Ph Y	1,2	1,8
690V / 3 Ph Y	1,3	1,4

Other voltages available on request

Weight and dimensions		Normal head
Weight (excl. cable)	kg	12,5
Height	mm	395/470 (110V)
Width	mm	225
Diameter	mm	185

