

# WEDA D90 (50 Hz)

## Product reference

Product code	WEDA D90
Installation	Portable Drainage pump
Discharge connection	6" std for WEDA D90L, hose, ISO-G or NPT thread 4" std for WEDA D90H, hose, ISO-G or NPT thread
Hydraulic range	L - Low Head H - High Head
Solid handling	Strainer hole dimension 7mm
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 (+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 400V, 20m 4G16 mm <sup>2</sup> 500V/690V, 20m 4G10 mm <sup>2</sup>
Outer casing	Galvanized steel
Impeller	Cr-alloyed white cast iron, 55±5 HRC
Wear parts	Nitrile rubber
Stator housing	Aluminum
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber
Discharge connection	Aluminum
Bearings	Double ball bearing with C3 clearance
Mechanical seal	Instant Service Pack contains below in an oil bath Primary seal: Tungsten carbide against silicon carbide Secondary seal: Carbon 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 for DOL start or YD. Softstarter on demand
Accessories	Float switch Zinc anodes Epoxy coating

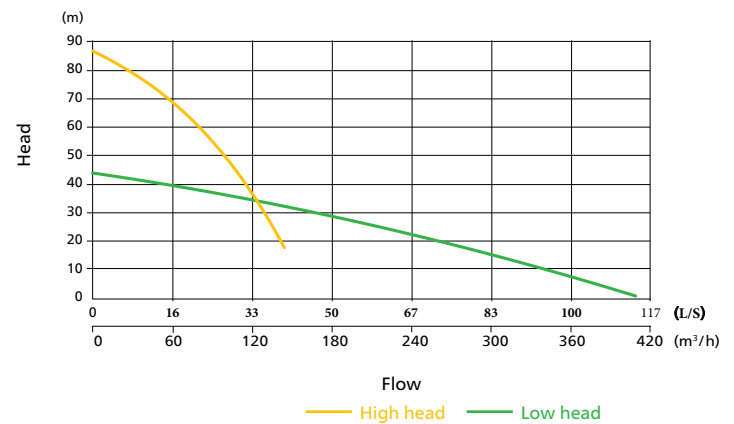
Weight and dimensions		Low head	High head
Weight (excl. cable)	kg	180	180
Height	mm	1100	1100
Width	mm	480	480
Diameter	mm	400	400



2960 3010 00 - Subject to modifications without prior notice.



### Performance curve



### Power rating

Rated power (P2) 26,5 kW		
Motor Data	Max. power input kW	Rated current A
400V	29,3	47
500V	29,3	38
690V	29,3	27,5

Other voltages available on request

