

WEDA D90 (60 Hz)

Product reference

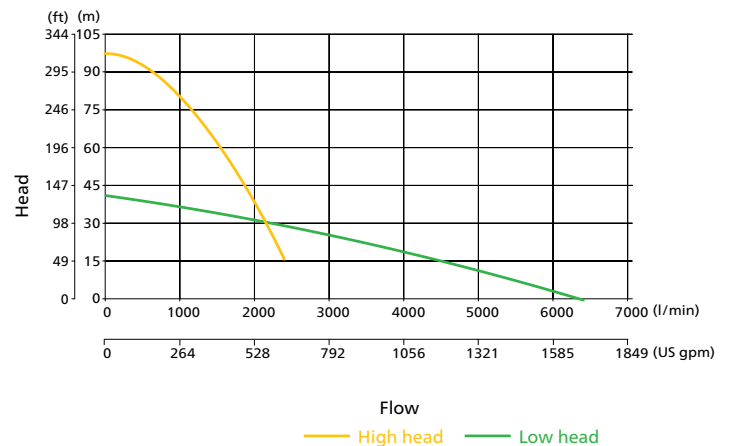
Product code	WEDA D90
Installation	Portable Drainage pump
Discharge connection	6" std for WEDA D90L, hose, ISO-G or NPT thread 4" std for WEDA D90H, hose, ISO-G or NPT thread
Hydraulic range	L - Low Head H - High Head
Solid handling	Strainer hole dimension 0.27 in
Liquid Temperature	max 104°F (40°C), standard
Depth of immersion	max 65 feet (20 m)
Liquid density	9.2 lb. per US gal. (1100 kg/m ³)
pH of the pumped liquid	pH 5–8
Frequency	60 Hz
Insulation class	Class F (+311°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	284°F (140°C)
Cable	Oil and wear resistant rubber cable type HO7RN-F / SOOW 460V, 65ft 4G10mm ² /4AWG6 575V, 65ft 4AWG8
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)	lbs	400	400
Height	in	43.4	43.4
Width	in	18.9	18.9
Diameter	in	15.8	15.8



2960 3260 00 - Subject to modifications without prior notice.

Performance curve



Power rating

Rated power (P2) 36 hp (27 kW)		
Motor Data	Max. power input kW (L/H)	Rated current A (L/H)
460V	28.6/31.0	43/48
575V	30/31	35/38.4

Other voltages available on request

