

# WEDA D50 (60 Hz)

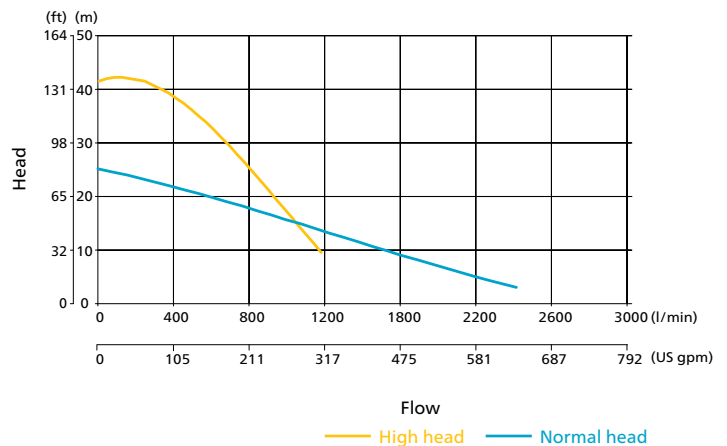
## Product reference

Product code	WEDA D50
Installation	Portable Drainage pump
Discharge connection	4" std for WEDA D50N, hose, ISO-G or NPT thread 3" std for WEDA D50H, hose, ISO-G or NPT thread
Hydraulic range	N - Normal Head H - High Head
Solid handling	Strainer hole dimension 0.32 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 <sup>3</sup> )
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 230V, 65ft 4G2.5mm <sup>2</sup> /4AWG8 460V, 65ft 4G2.5mm <sup>2</sup> /4AWG10 575V, 65ft 4AWG12
Outer casing	Aluminium
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-row ball bearing with C3 clearance Instant Service Pack contains below in an oil bath
Mechanical seal	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, Softstarter on demand
Accessories	Float switch Zinc anodes Epoxy coating

Weight and dimensions		Normal head	High head
Weight (excl. cable)	lbs	122.0	122.0
Height	in	28.3	28.3
Width	in	13.0	11.9
Diameter	in	10.9	10.9



### Performance curve



### Power rating

<b>Rated power (P2) 8.5 hp (6.3 kW)</b>	
<b>Max. Power input 7.5 kW (L/H)</b>	
Motor Data	Rated current A (L/H)
230V	21.2
380V	13.0
460V	10.6
575V	8.5

Other voltages available on request

