

WEDA D70 (60 Hz)

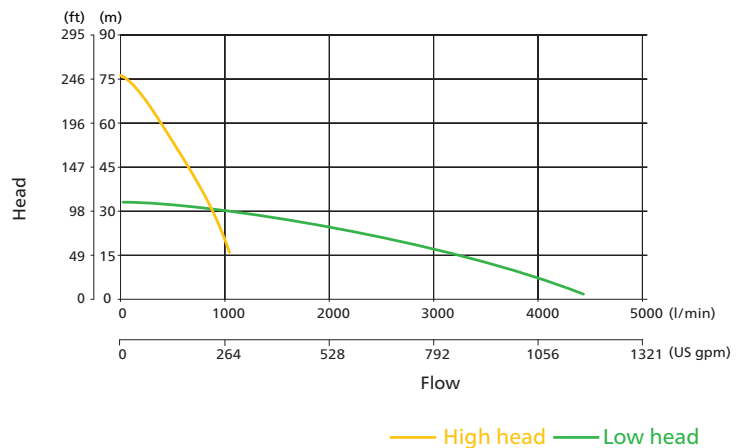
Product reference

Product code	WEDA D70
Installation	Portable Drainage pump
Discharge connection	6" std for WEDA D70L, hose, ISO-G or NPT thread 4" std for WEDA D70H, hose, ISO-G or NPT thread
Hydraulic range	L - Low Head H - High Head
Solid handling	Strainer hole dimension 0.27 in
Liquid Temperature [°F]	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/575V, 65ft 4G4mm ² /4AWG10
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: 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 for DOL start or YD. Softstarter on demand
Accessories	Float switch Zinc anodes Epoxy coating

Weight and dimensions		Low head		High head	
		lbs	kg	lbs	kg
Weight (excl. cable)	lbs	209	94.8	209	94.8
Height	in	35.8	910	35.8	910
Width	in	15.5	393	15.5	393
Diameter	in	14.1	358	14.1	358



Performance curve



Power rating

Rated power (P2) 15.0 hp (11.2 kW)		
Motor Data	Max. power input kW (L/H)	Rated current A (L/H)
460V	15/16.2	22.0/23.2
575V	15/16.2	15.3/18.5

Other voltages available on request

