

WEDA D100 (50 Hz)

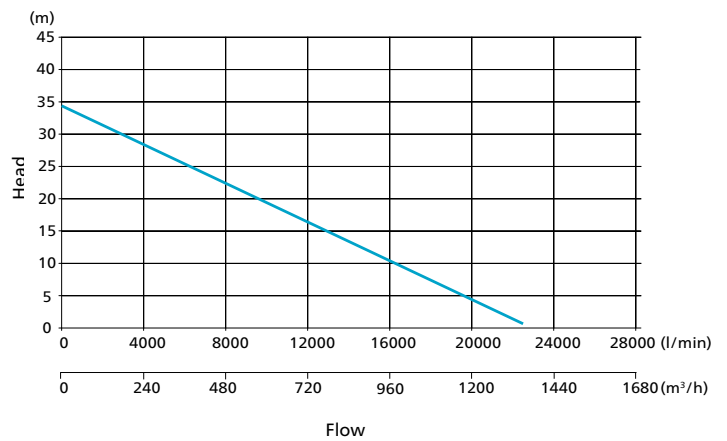
Product reference

Product code	WEDA D100	
Installation	Portable Drainage pump	
Discharge connection	10" std for WEDA D100N, hose or NPT	
Hydraulic range	N - Normal Head	
Solid handling	Strainer hole dimension 12 mm	
Liquid Temperature	max 40°C (104°F), standard	
Depth of immersion	max 20 m (65 feet)	
Liquid density	1100 kg/m ³ (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	
Power cable	20 m, 2 x 4G25 mm ²	
Signal cable	21 m, 3G1.5 mm ² for thermal switches	
Outer casing	Galvanized steel	
Impeller	Cr-alloyed white cast iron, 55±5 HRC	
Wear parts	Nitrile rubber diffuser center; cast-iron diffuser	
Stator housing	Aluminum	
Strainer	Stainless steel	
Shaft	Stainless steel	
O-rings	Nitrile rubber	
Discharge connection	Aluminum	
Bearings	Upper: Ball bearings with C3 clearance Lower: Double ball bearings 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	-	
Start type	External Y/D or external DOL starter	
Accessories	Float switch	
	Zinc anodes	
	Epoxy coating, Starter box	

Weight and dimensions		Normal head
Weight (excl. cable)	kg	510
Height	mm	1412
Width	mm	650
Diameter	mm	600



Performance curve



Power rating

Rated power (P2) 54 kW	
Max. Power input 65 kW	
Motor Data	Rated current A
400V	110
500V	80

Other voltages available on request

