

WEDA D100 (50 Hz)

Product reference

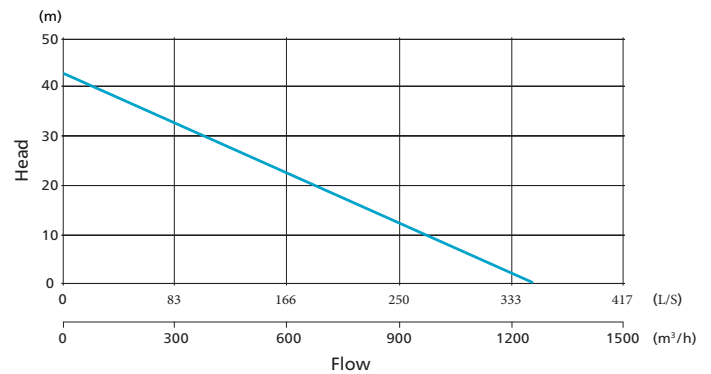


2960 3020 00 v01 - Subject to modifications without prior notice.

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

