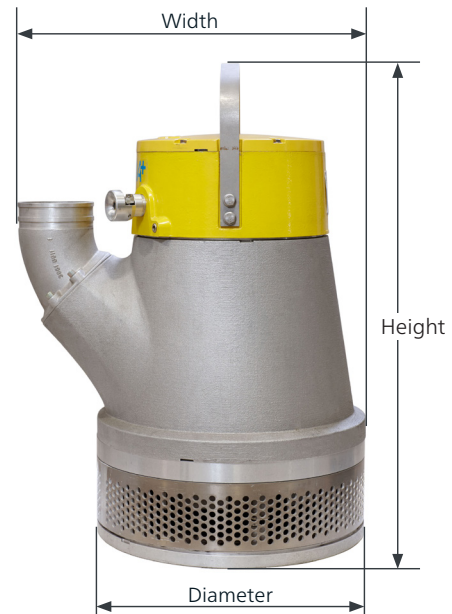


WEDA D80 (60 Hz)

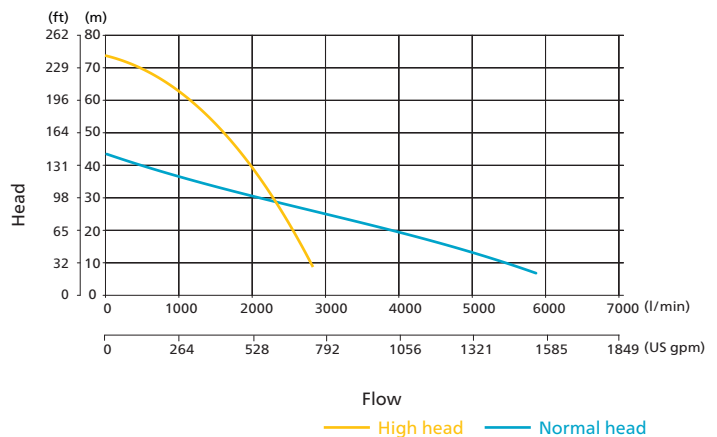
Product reference

Product code	WEDA D80
Installation	Portable Drainage pump
Discharge connection	6" std for WEDA D80N, hose, ISO-G or NPT thread 4" std for WEDA D80H, hose, ISO-G or NPT thread
Hydraulic range	N - Normal Head H - High Head
Solid handling	Strainer hole dimension 0.47 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 380V, 65ft 4G10mm ² 460V/575V, 65ft 4AWG6
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
Mechanical seal	Cartridge seal Primary seal: Silicon carbide against silicon carbide Secondary seal: Carbon against silicon carbide
Quick couplings	4" BSP female Storz coupling
Start type	Built-in contactor with rotation control for DOL start or Softstarter Float switch
Accessories	Zinc anodes Epoxy coating



2960 3250 00 - Subject to modifications without prior notice.

Performance curve



Power rating

Rated power (P2) 31 hp (23 kW)

Motor Data	Max. power input kW (L/H)	Rated current A (L/H)
230V	25.8	76.2
380V	25.8	46.1
460V	25.7	37.1
575V	25.7	29.0

Other voltages available on request

Weight and dimensions		Normal head	High head
Weight (excl. cable)	lbs	400	400
Height	in	38.6	38.6
Width	in	27.2	26.2
Diameter	in	20.9	20.9

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