

WEDA D80 (50 Hz)

Product reference

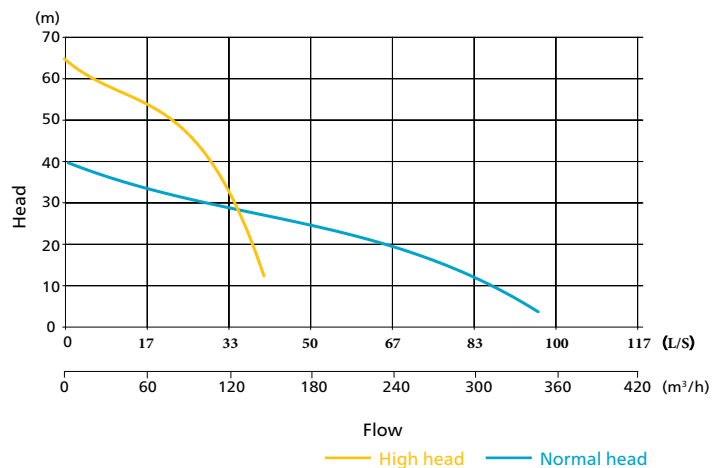
| Product code | WEDA D80 |
|-------------------------|---|
| Installation | Portable Drainage pump |
| Discharge connection | 6" std for WEDA D80N, hose, ISO-G or NPT thread 4" std for WEDA D80H, hose, ISO-G or NPT thread |
| Hydraulic range | N - Normal Head H - High Head |
| Solid handling | Strainer hole dimension 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 230V, 20m 4G16 mm ² 400V/500V, 20m 4G6 mm ² 550V, 20m 4G4 mm ² |
| 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 |
| Accessories | Float switch Zinc anodes Epoxy coating |

| Weight and dimensions | | Normal head | High head |
|-----------------------|----|-------------|-----------|
| Weight (excl. cable) | kg | 180 | 180 |
| Height | mm | 980 | 980 |
| Width | mm | 690 | 665 |
| Diameter | mm | 530 | 530 |



2960 2320 00 - Subject to modifications without prior notice.

Performance curve



Power rating

| Rated power (P2) 20 kW | | |
|------------------------|---------------------|-----------------|
| Motor Data | Max. power input kW | Rated current A |
| 230V | 22,4 | 66 |
| 400V | 22,4 | 37,9 |
| 440V | 22,4 | 34,9 |
| 500V | 22,4 | 30,4 |
| 550V | 22,4 | 27,6 |
| 690V | 22,4 | 22 |

Other voltages available on request

NPE-MAR-SS-56

1800 PUMP RENTAL

nationalpump.com.au | sales@nationalpump.com.au

