

WEDA D10N (60 Hz)

Product reference sheet

The WEDA drainage pumps handle either clean or sand-laden water, even with small solid particles, with the best performance and efficiency and with the highest power to weight ratio. These pumps are particularly suitable for general dewatering applications, ground water, raw water, construction sites and harsh conditions on site.

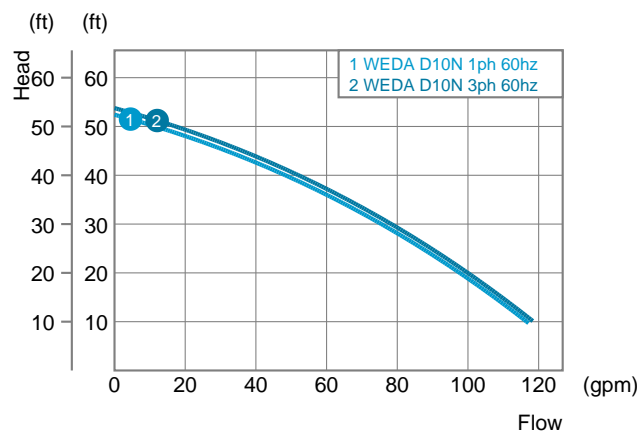
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| Product code | WEDA D10 |
| Installation | Portable drainage pump |
| Hydraulic range | N - normal head |
| Insulation class | F (+155°C/+311°F) IEC 85 |
| Protection class | IP68 |
| Voltage variation | Max ± 5% of nominal voltage |
| Voltage imbalance | Max 2% - between phases |
| Max start-stop | Max 30 starts/hour |
| Cable | H07RN-F (20 m) or SOOW AWG (65 ft) |
| Casted parts | Corrosion resistant aluminum |
| Impeller | High chrome iron, 55±5 HRC |
| Wear parts | Rubber (NBR) |
| Strainer | Hard sole - reinforced polyethylene |
| Shaft | Stainless steel |
| O-rings | Rubber (NBR) |
| Main bearing | Single row ball bearing in oil |
| Mechanical seal | Primary + secondary: grease lubricated lip seal on WC wear sleeve |
| Built-in controls and protection | 1 ph: run + start capacitor/contactor 3 ph: contactor + control relay |
| Thermal contacts | 140°C / 284°F |
| Options / accessories | Float switch Zinc anodes Epoxy coating Low suction collar Quick couplings (hose / NPT / ISO-G / Camlock / Storz) Pump raft Terminal board NSSHÖU screened cable |

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|--------------------------------|------------------|
| Product code | WEDA D10 |
| Solids handling, strainer hole | 0.16 in (4 mm) |
| Liquid temperature | Max 104°F (40°C) |
| Depth of immersion | Max 65 ft (20 m) |
| Max liquid specific gravity | 1.1 |
| pH of the pumped liquid | pH 5–8 |

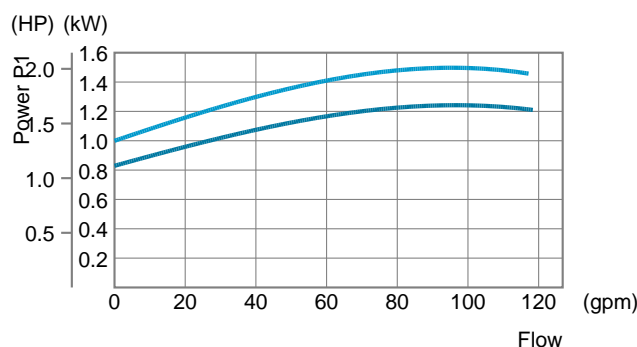
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| Weight and dimensions | N - Normal head |
| Discharge connection | 2 in |
| Height | 15.6 / 18.5 (115V) in (395 / 470 mm) |
| Width | 8.9 in (225 mm) |
| Diameter | 7.3 in (185 mm) |
| Weight (excl. cable) | 29 lb (13.0 kg) |



Performance curve



Power rating



| Rating | 1 ph | 3 ph | Std cable |
|----------------------|-------------|-------------|-----------|
| Power P ₁ | 1.8 kW | 1.4 kW | |
| Power P ₂ | 1.5 HP | 1.5 HP | |
| Shaft speed | 3500 r.p.m. | 3500 r.p.m. | |
| 115 V | 16.2 A | - | AWG14 |
| 230 V | 8.1 A | 4.6 A | AWG16 |
| 460 V | - | 2.3 A | AWG16 |
| 575 V | - | 1.8 A | AWG16 |

Other voltages on request

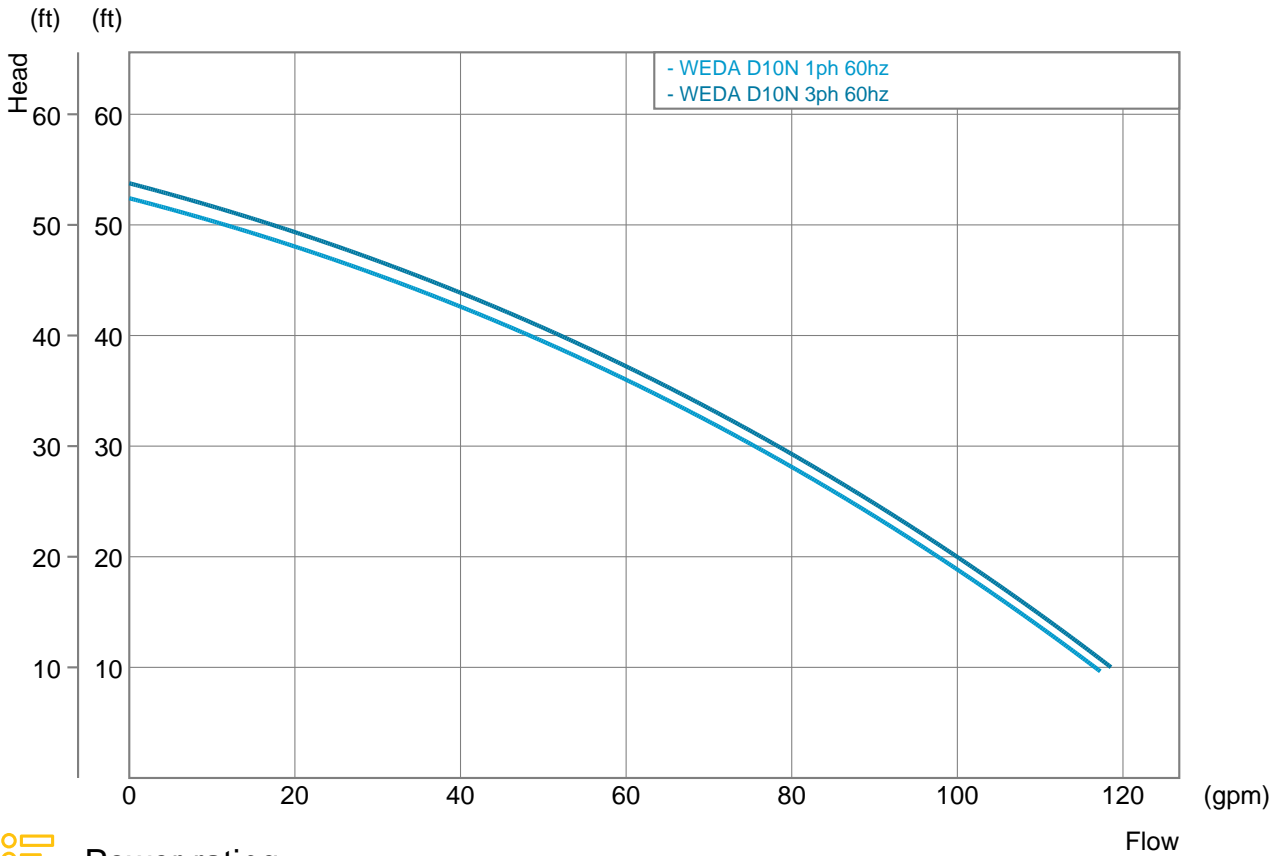
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Performance sheet



Performance curve



Power rating

