

WEDA D30 (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.

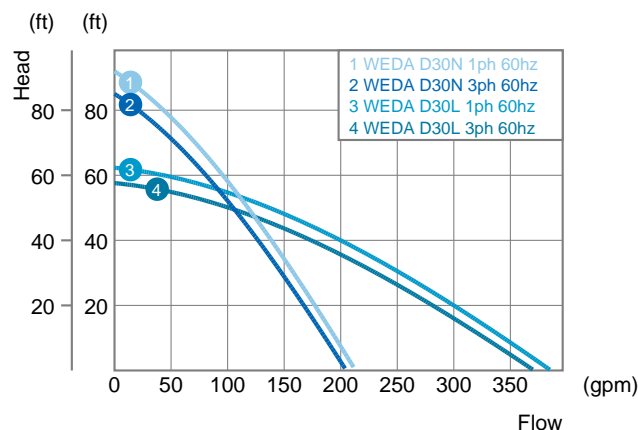
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|----------------------------------|---|
| Product code | WEDA D30 |
| Installation | Portable drainage pump |
| Hydraulic range | N - normal head L - high flow |
| Insulation class | F (+155°C/+311°F) IEC 85 |
| Protection class | IP68 |
| Voltage 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: SiC/SiC Secondary: lip seal on wear sleeve |
| Built-in controls and protection | 1 ph: 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 Slim adapter |

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|--------------------------------|------------------|
| Product code | WEDA D30 |
| Solids handling, strainer hole | 0.28 in (7 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 |

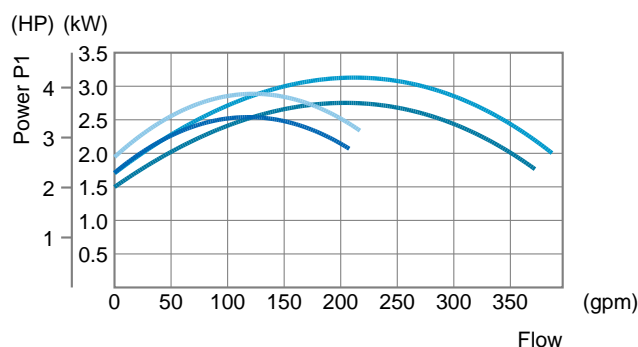
| Weight and dimensions | N - Normal head | L - High flow |
|-----------------------|---------------------|---------------------|
| Discharge connection | 3 in | 3 in |
| Height | 20.7 in (525 mm) | 20.7 in (525 mm) |
| Width | 11.4 in (290 mm) | 11.4 in (290 mm) |
| Diameter | 8.7 in (220 mm) | 8.7 in (220 mm) |
| Weight (excl. cable) | 44 lb (20 kg) | 44 lb (20 kg) |



Performance curve



Power rating



| Rating | 1 ph | 3 ph | Std cable 1/3ph |
|----------------------|-------------|-------------|--------------------|
| Power P ₁ | 2.9 kW | 2.9 kW | |
| Power P ₂ | 3 HP | 3 HP | |
| Shaft speed | 3500 r.p.m. | 3500 r.p.m. | |
| 230 V | 13.0 A | 9.0 A | AWG14/16 |
| 460 V | - | 4.5 A | AWG14 |
| 575 V | - | 3.6 A | AWG14 |

Other voltages on request



Atlas Copco

Power and Flow division

www.atlascopco.com/dewatering-pumps

