

WEDA D40 (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.

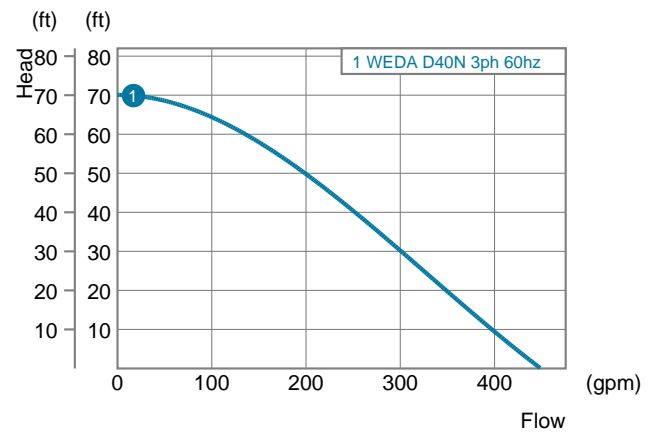
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| Product code | WEDA D40 |
| Installation | Portable drainage pump |
| Hydraulic range | N - normal head |
| Insulation class | F (+155°C/+311°F) IEC 85 |
| Protection class | IP68 |
| Voltage variation | Max ± 5% of nominal voltage |
| Voltage imbalance | 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: SiC/SiC Secondary: lip seal on wear sleeve |
| Built-in controls and protection | 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 |

| | |
|--------------------------------|-----------|
| Product code | WEDA D40 |
| Solids handling, strainer hole | 0.27 in |
| Liquid temperature | Max 104°F |
| Depth of immersion | Max 65 ft |
| Max liquid specific gravity | 1.1 |
| pH of the pumped liquid | pH 5–8 |

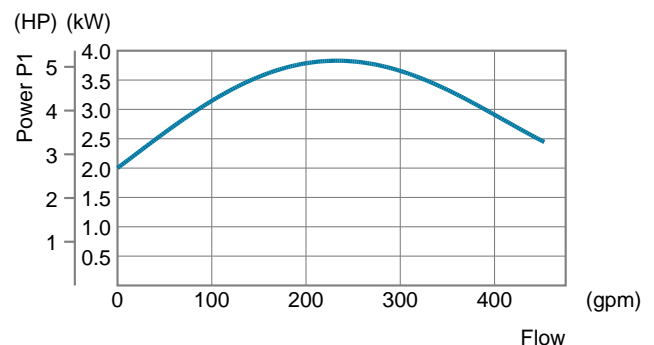
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| Weight and dimensions | N - Normal head |
| Discharge connection | 3 in |
| Height | 20.6 in |
| Width | 11.4 in |
| Diameter | 8.7 in |
| Weight (excl. cable) | 56 lb |



Performance curve



Power rating



| Rating | 3 ph | Std cable |
|----------------------|-------------|-----------|
| Power P ₁ | 4.1 kW | |
| Power P ₂ | 4.3 HP | |
| Shaft speed | 3500 r.p.m. | |
| 230 V | 12.0 A | AWG16/14 |
| 460 V | 6.0 A | AWG16/14 |
| 575 V | 4.8 A | AWG16/14 |

Other voltages on request



Atlas Copco

Power and Flow division

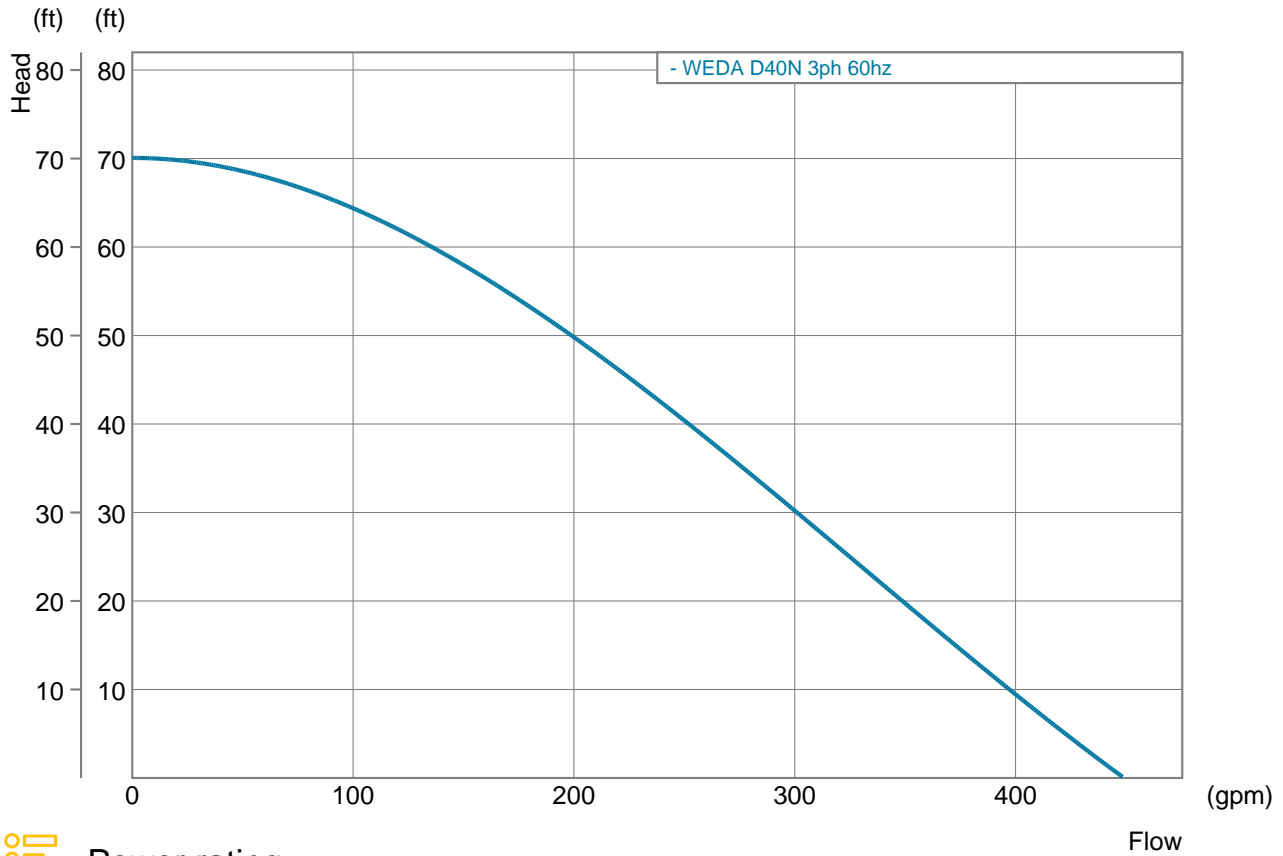
www.atlascopco.com/dewatering-pumps

WEDA D40

Performance sheet



Performance curve



Power rating

