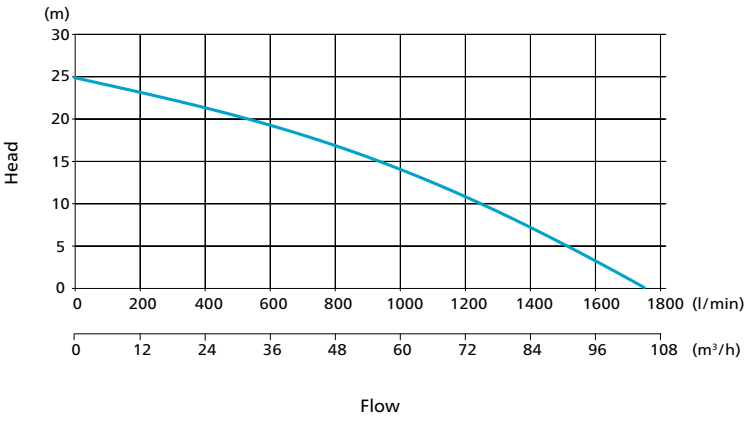
# WEDA S60 (50 Hz)
## Product reference

| Product code | Weda S60 |
|---|---|
| Installation | Portable Sludge pump |
| Discharge connection | 4" std for WEDA S60N, hose, ISO-G or NPT thread |
| Hydralic range | N - Normal Head |
| Solid handling | Max solid handling 50 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 4G4mm$^2$ |
| | 400V, 20m 7G2,5mm$^2$, 4G2,5mm$^2$ |
| | 500V, 20m 4G2,5mm$^2$ |
| Volute | Cr-alloyed white cast iron, 55±5 HRC |
| Impeller | Cr-alloyed white cast iron, 55±5 HRC |
| Stator housing | Aluminum |
| Shaft | Stainless steel |
| O-rings | Nitrile rubber |
| Discharge connection | Aluminum |
| Bearings | Double-row ball bearing with C3 clearance |
| Mechanical seal | Instant Service Pack contains below in an oil bath |
| | Primary seal: Silicon carbide against silicon carbide. |
| | Secondary seal: Silicon carbide against silicon carbide. |
| Quick couplings | 3" BSP female Camlock adaptor/coupling/ Storz coupling 75-B |
| | 4" BSP female Storz coupling |
| Start type | Built-in contactor with rotation control for DOL start |
| Accessories | Float switch |
| | Zinc anodes |
| | Epoxy coating |

| Weight and dimensions | | Normal head |
|---|---|---|
| Weight (excl. cable) | kg | 65 |
| Height | mm | 870 |
| Width | mm | 450 |
| Diameter | mm | 350 |

## Performance curve




## Power rating

| Rated power (P2) 6,9 kW | |
|---|---|
| Max. Power input 8 kW | |
| **Motor Data** | **Rated current A** |
| 230V | 23,6 |
| 400V | 13,6 |
| 440V | 12,6 |
| 500V | 10,9 |
| 550V | 9,9 |
| 690V | 7,9 |

Other voltages available on request

2960 3030 00 - Subject to modifications without prior notice.

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