

Specifications

Portable electric submersible pump for dewatering of construction sites, mines, flooded areas etc. Designed for handling liquid with abrasive particles. Protective class IP68.

Pump Types

WEDA 50+ Normal head.

WEDA 50+ High head.

Electric Motor

3-phase: Squirrel cage induction motor with built-incontactor.

Insulation: Class F (+311F/+155C), IEC 85.

Performance data WEDA 50+

		WEDA 50+ N	WEDA 50+ H
Rated output	hp	8.5	8.5
	kW	6.3	6.3
Max power input	kW	7.5	7.5
Rated current A	230v	21.2	21.2
	380v	13	13
	460v	10.6	10.6
Shaft speed	575v	8.5	8.5
	rpm	3460	3460

Motor Protection

Rotation control relay with phase failure protection.

Thermal switch in each winding (+284 Degree F /+140 degree C).

Cable

Oil and wear resistant rubber cable.

230v, 65ft 4AWG10 or 20m 4x4mm² (H07RN-F).

380v, 65ft 4AWG10 or 20m 4x4mm² (H07RN-F).

460v, 65ft 4AWG10 or 20m 2.5mm² (H07RN-F).

575v, 65ft 4AWG12 or 20m 2.5mm² (H07RN-F).

Shaft Seal

Primary seal: Silicon carbide against silicon carbide.

Secondary seal: Silicon carbide against silicon carbide.

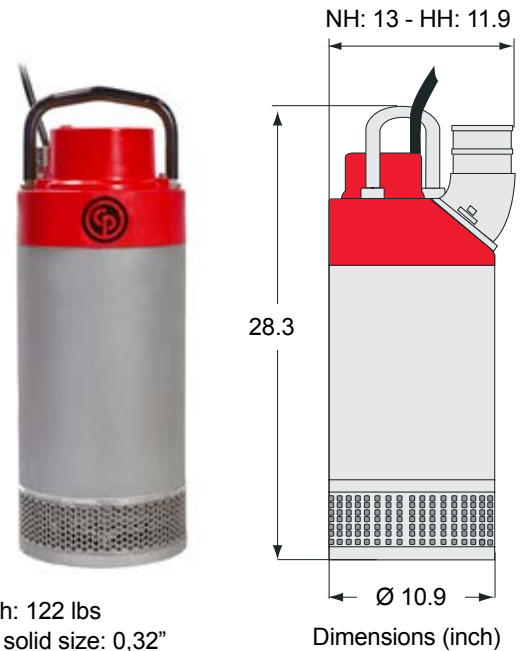
Available in a complete instant service pack or as separate items.

Bearings

Single-row ball bearing with C3 clearance.

Materials

- Castings: Aluminium
- Outer-casing: Aluminium
- Shaft: Stainless steel
- Fasteners: Stainless steel
- Impeller: Cr-alloyed white cast iron, 55Rc +/- 5
- Wear parts: NBR rubber

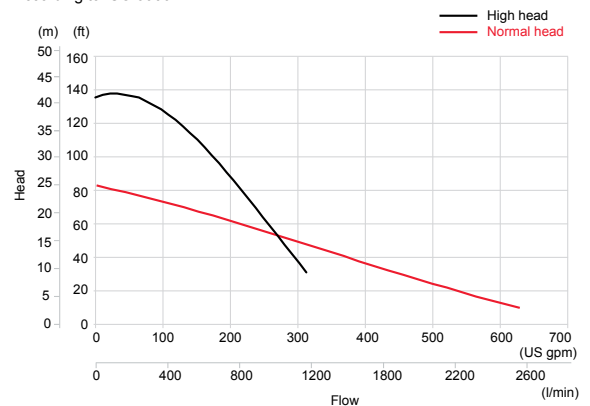


Weight: 122 lbs
Max. solid size: 0,32"

Dimensions (inch)

Flow Chart

According to ISO 9906 - ANNEX A



Designed for

- Heavy duty pumping of abrasive liquids
- Max submersible depth of 66ft (20m)
- Max temperature of liquid +104°F (+40°C)
- Max density of liquid, 68lbs/ft³ (1100kg/m³)
- pH of the liquid between 5-8
- For special applications, contact your local representative

Accessories

- Float switch
- Zinc anodes
- Epoxy coating

Discharge connection

4" std for WEDA 50+ NH.

3" std for WEDA 50+ HH.

For hose, NPT or BSP.