

Specifications

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

Pump Types

WEDA 30 single-phase or 3-phase.

Electric Motor

Single-phase squirrel cage induction motor with built-in capacitor and contactor.
3-phase: Squirrel cage induction motor with built-in contactor.
Insulation: Class F (+311F), IEC 85.

Performance data WEDA 30

		Single phase	Three phase
Rated output	hp	2.7	2.5
Rated current A	110v		
	230v	13	7.7
	460v	-	3.9
Shaft speed	rpm	3550	3550

Motor Protection

Thermal switch in each winding (+266 degree F).

Cable

Oil and wear resistant rubber

1~ : 3x65ft AWG 14

3~ : 4x65ft AWG 16

Shaft Seal

Double seals with oil compartment.

Primary seal: Silicon carbide against silicon carbide.

Secondary seal: Lip seal against wear sleeve.

Bearings

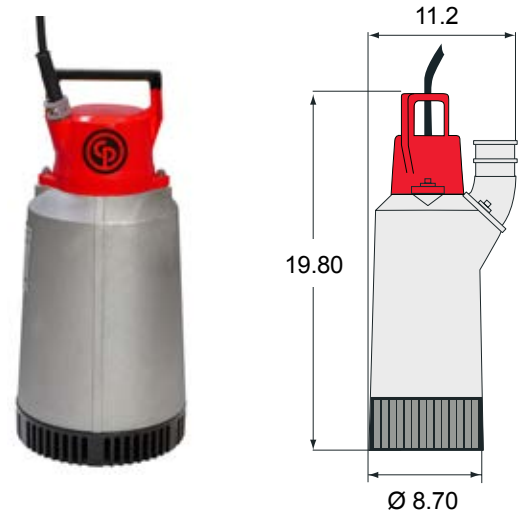
Single-row ball bearing with C3 clearance.

Materials

- Castings: Aluminium
- Outer-casing: Aluminium
- Shaft: Stainless steel
- Fasteners: Stainless steel
- Impeller: Cr-alloyed white cast iron
- Wear parts: Nitrile rubber

Discharge connection

3" NPT std, opt 4", hose and BSP.



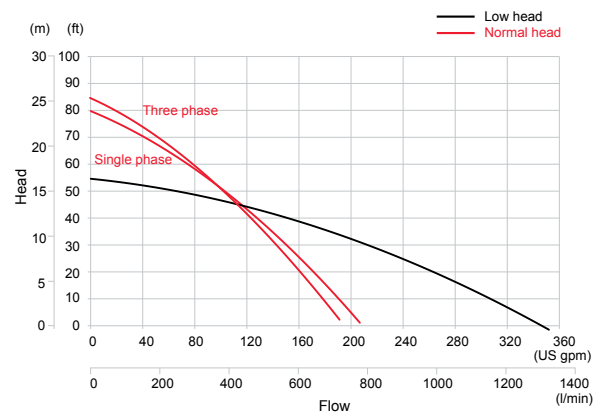
Weight :44 lbs

Max. solid size : 0,27"/7mm

Dimensions (inch)

Flow Chart

According to ISO 9906 - ANNEX A



Features

- Robust design
- Lightweight and user friendly
- Wear resistant wet end in CR-alloy steel and natural rubber
- Adjustable wear parts
- Built-in capacitor and contactor
- Easy installation

Designed for

- Heavy duty pumping of abrasive liquids
- Max submersible depth of 66ft
- Max temperature of liquid +104F
- Max density of liquid, 68lbs/ft³
- pH of the liquid between 5-8
- For special applications contact Weda pump

Accessories

- Low suction collar
- Float switch
- Zinc anodes
- Stainless steel strainer
- Epoxy coating
- Quick coupling type 1, 2,5"