

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 10 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 10

		Single phase	Three phase
Rated output	hp	1.5	1.2
Rated current A	110v	13.5	-
	230v	6.1	3.6
	460v	-	1.8
Shaft speed	rpm	3550	3550

Motor Protection

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

Cable

Oil and wear resistant rubber

1~ : 3x65ft AWG 16

3x65ft AWG 14

3~ : 4x65ft AWG 16

Shaft Seal

Primary and secondary grease lubricated lip seals against wear sleeve of tungsten carbide. Available in a complete seal pack or as separate items.

Bearings

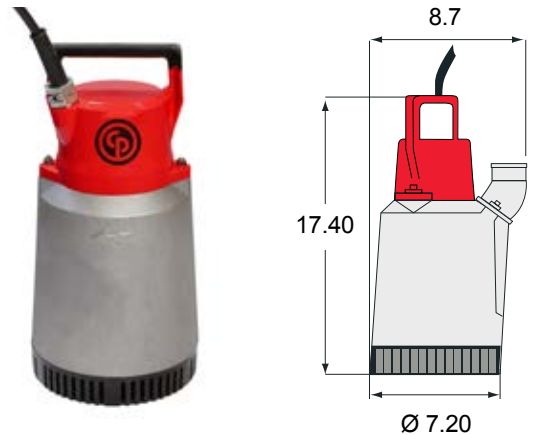
Single-row ball bearing with C3 clearance.

Materials

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

Discharge connection

2" NPT std, opt 1,5", hose or BSP.



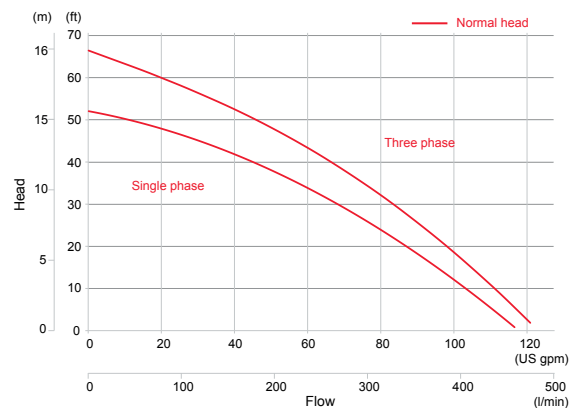
Weight: 27.5 lbs

Max. solid size: 0,16"/4mm

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
- Complete seal pack for easy and fast service
- 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
- Epoxy coating
- Stainless steel strainer
- Quick coupling type 1