

Product Reference WEDA 50 (60 Hz)

Electric submersible pump

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 50L Low head/high volume
WEDA 50N Medium head
WEDA 50H High head

Electric Motor

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

Data		WEDA 50N	WEDA 50L	WEDA 50H
Rated Output	hp	8.2	6.6	10.3
Rated Current A	460v	5.1	9.5	9.8
Shaft speed	rpm	3550	3550	3550

Other voltage upon request

Motor Protection

Thermal switch in each winding (+266 degree F)

Cable

Oil and wear resistant rubber cable
65ft 4 x AWG 16

Shaft Seal

Double mechanical seals with oil compartment
Primary seal: Silicon carbide against silicon carbide.
Secondary seal: Carbon against ceramic
Available in a complete instant service pack or as separate items

Bearings

Single-row ball bearing with C3 clearance.

Materials

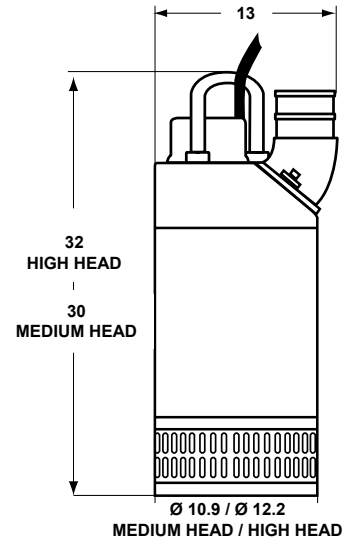
Castings: Aluminium
Outer-casing: Aluminium
Shaft: Stainless steel
Fasteners: Stainless steel
Impeller: Cr-alloyed white cast iron, 55Rc
Wear parts: Natural rubber

Discharge connection

4" NPT std, for WEDA 50L and WEDA 50N,
3" std for WEDA 50H, for hose, BSP or NPT

Accessories

- NVB automatic level control (WEDA 50 L&N only)
- Float switch
- Zinc anodes
- Epoxy coating

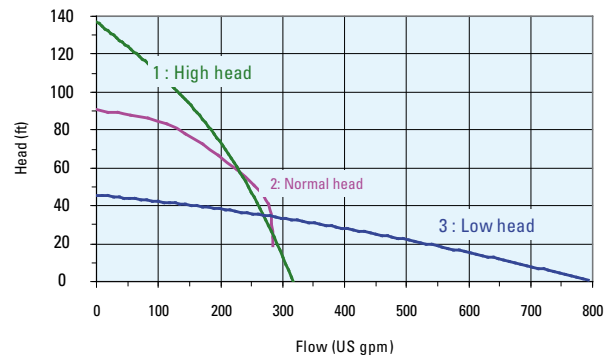


Weight: WEDA50L/N 121 lbs
WEDA 50H 139 lbs

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 instant service pack for easy and fast service
- Built-in 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.