

# Product Reference WEDA 50+ (50 Hz)

## 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 50N+ Normal head  
WEDA 50H+ High head

## Electric Motor

3-phase: Squirrel cage induction motor with built-in contactor. Insulation: Class F (+155C), IEC 85.

Data		WEDA 50N+	WEDA 50H+
Rated output	Kw	5,6	5,6
Rated current A	230V	16,2	16,2
	400V	9,3	9,3
	500V	7,3	7,3
Shaft speed	rpm	2880	2880
Max power input	Kw	6,6	6,6

## Motor Protection

Rotation control relay with phase failure protection. Thermal switch in each winding (+140 degree C).

## Cable

Oil and wear resistant rubber cable type HO7RN-F.  
230v, 20m 4 x 4mm<sup>2</sup>  
400v, 20m 4 x 2,5mm<sup>2</sup>  
500v, 20m 4 x 2,5mm<sup>2</sup>

## 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

Double-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

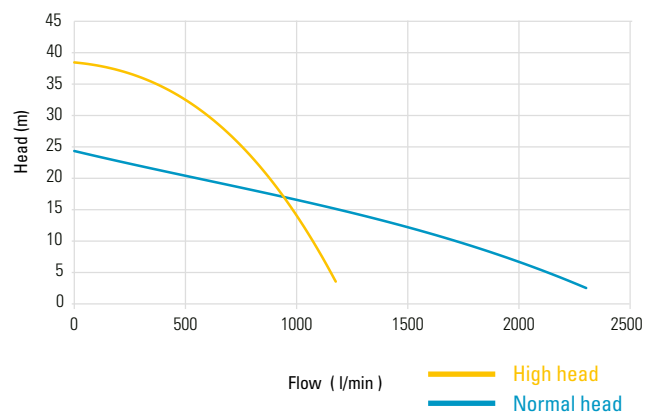
## Discharge connection

4" std for WEDA 50N+  
3" std for WEDA 50H+  
For hose, BSP or NPT



Weight and dimensions		Normal head	High head
Weight	kg	52	52
Length	mm	720	720
Width	mm	330	302
Circumference	mm	278	278

## Flow Chart



## Accessories

- Float switch
- Zinc anodes
- Epoxy coating

## Designed for

- Heavy duty pumping of abrasive liquids
- Max submersible depth of 20m
- Max temperature of liquid +40°C
- Max density of liquid, 1100kg/m<sup>3</sup>
- pH of the liquid between 5-8
- For special applications, contact your local representative

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