

# Product Reference

## WEDA 60+ (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 60+ Normal head  
WEDA 60+ High head  
WEDA 60+ Super high head

### Electric Motor

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

Data		WEDA 60+ NH	WEDA 60+ HH	WEDA 60+ SH
Rated output	kW	7,5	7,5	7,5
Rated current A	230V	26,5	26,5	26,5
	400V	14,7	14,7	14,7
	500V	11,8	11,8	11,8
Shaft speed	rpm	2890	2890	2890
Max power input	kW	8,8	8,8	8,8

### 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

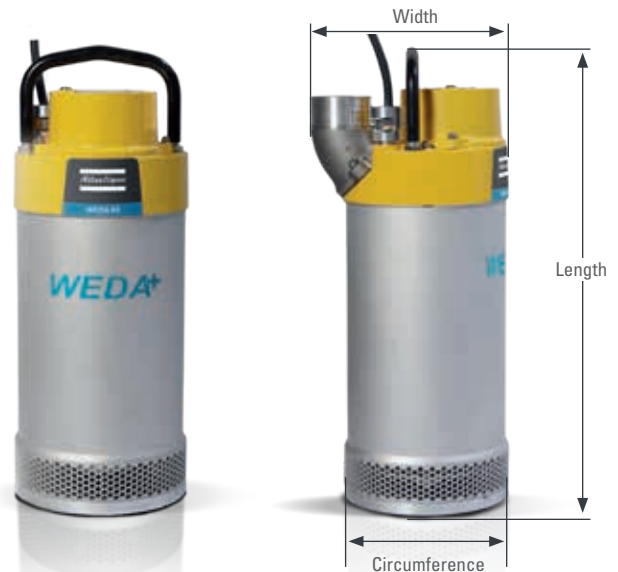
Double-row ball bearing with C3 clearance.

### 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

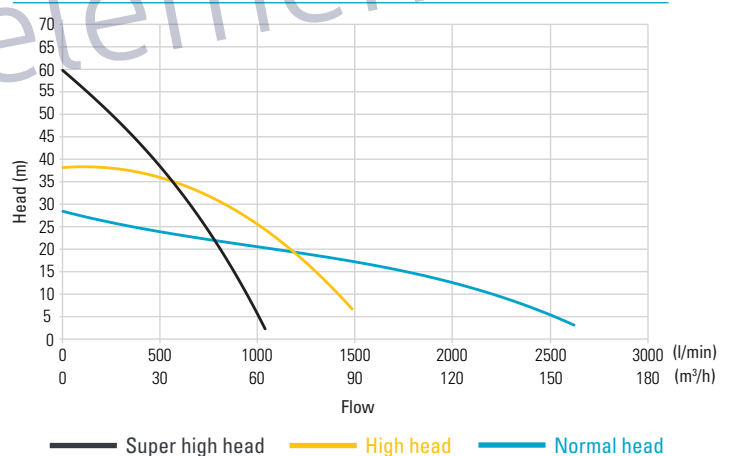
4" std for WEDA 60+ NH  
3" std for WEDA 60+ HH  
3" std for WEDA 60+ SH  
For hose, BSP or NPT



Weight and dimensions		Normal head	High head	Super high head
Weight	kg	61	61	62
Length	mm	760	760	760
Width	mm	330	302	302
Circumference	mm	278	278	278

Max solid handling size 8mm

### 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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