

Product Reference WEDA 60 (50 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 60N Medium head
WEDA 60H High head

Electric Motor

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

Data		WEDA 60N	WEDA 60H
Rated Output	KW	7.5	7.5
Rated Current A	230v	25.5	30
	400v	16	19
	500v	13	15.4
Shaft speed	rpm	2900	2900

Other voltage upon request

Motor Protection

Thermal switch in each winding (+130 degree C)

Cable

Oil and wear resistant rubber cable type HO7RN-F
230v, 20m 4 x 4 mm²
400v, 20m 4 x 2.5 mm²

Shaft Seal

Primary seal: Silicon carbide against silicon carbide.
Secondary seal: Silicon carbide against silicon carbide.
Available in a complete seal pack or as separate items.

Bearings

Single-row ball bearing with C3 clearance.

Materials

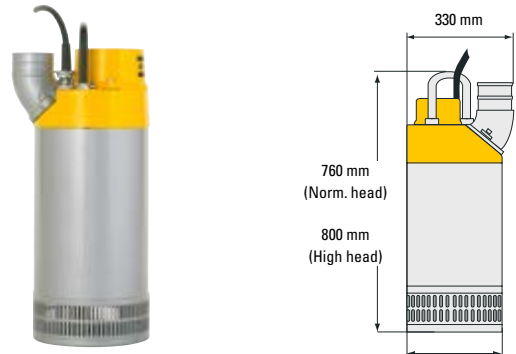
Castings:	Aluminium
Outer-casing:	Aluminium
Shaft:	Stainless steel
Fasteners:	Stainless steel
Impeller:	Cr-alloyed white cast iron, 55Rc
Wear parts:	Natural rubber

Discharge connection

4" std for WEDA60N, 3" std for WEDA60H, for hose, BSP or NPT

Accessories

- Float switch
- Zinc anodes
- NVB automatic level control
- Epoxy coating

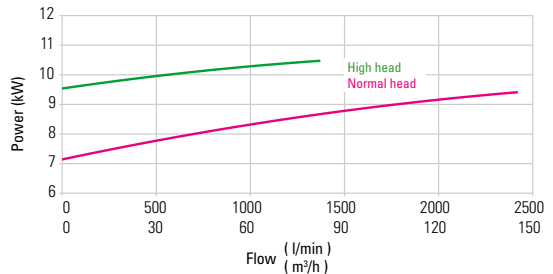


Weight: WEDA 60N 55 kg
WEDA 60H 63 kg
Max. solid size : 6mm

Ø 276 mm (Normal head)
Ø 312 mm (High head)
Dimensions (mm)

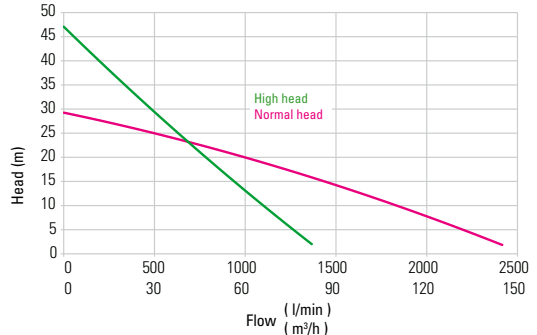
Power (kW)

According to ISO 9906 - ANNEX A



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 contactor for DOL start
- Easy installation

Designed for

- Heavy duty pumping of abrasive liquids
- Max submersible depth of 20m
- Max temperature of liquid +40C
- Max density of liquid, 1.100kg/m³
- pH of the liquid between 5-8
- For special applications contact Weda pump