

# WEDA D95 (60 Hz)

## Product reference sheet

The WEDA drainage pumps handle either clean or sand-laden water, even with small solid particles, with the best performance and efficiency. These pumps are designed with robustness, sustained performance and ease-of-maintenance in mind. Suitable for general dewatering applications, ground water, raw water, construction sites and harsh conditions on site.

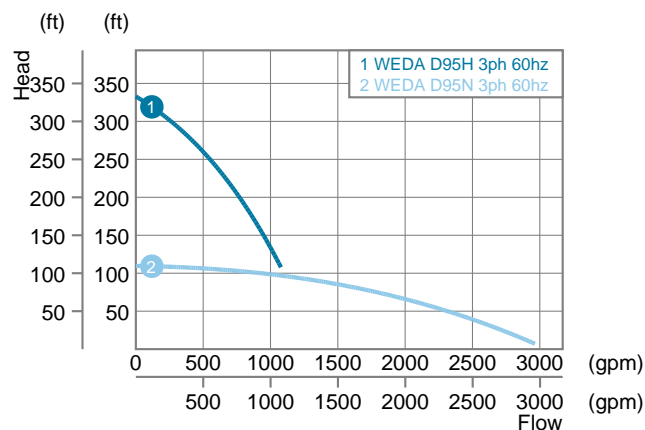
Product code	WEDA D95
Installation	Portable drainage pump
Hydraulic range	N - normal head H - high head
Insulation class	H (+180°C/+356°F) IEC 85 (VFD-ready)
Protection class	IP68
Voltage variation	Max ± 5% of nominal voltage
Voltage imbalance	Max 2% - between phases
Max start-stop	Max 30 starts/hour
Cable	H07RN-F (20 m) or SOOW AWG (65 ft)
Casted parts	Corrosion resistant aluminum
Impeller	High chrome iron, 55±5 HRC
Wear parts	Rubber (NBR)
Strainer	Corrosion resistant aluminum
Shaft	Stainless steel
O-rings	Rubber (NBR)
Main bearing	Double row ball bearing, pre-greased
Mechanical seal	Stainless-steel cartridge-type double mechanical seal SiC/SiC
Thermal contacts	140°C / 284°F
Options / accessories	External starter box Zinc anodes Epoxy coating Pump raft NSSHÖU screened cable

Product code	N - Normal head	H - High head
Solids handling, strainer hole	0.63 in (16 mm)	0.47 in (12 mm)
Liquid temperature	Max 104°F	Max 104°F
Depth of immersion	Max 65 ft	Max 65 ft
Max liquid specific gravity	1.1	1.1
pH of the pumped liquid	pH 5–8	pH 5–8

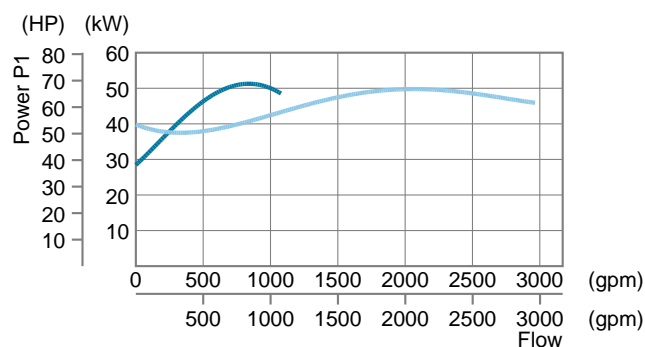
Weight and dimensions	N - Normal head	H - High head
Discharge connection	8 in	4 in
Height	52.4 in (1330 mm)	52.4 in (1330 mm)
Width	18.1 in (460 mm)	18.1 in (460 mm)
Diameter	18.1 in (460 mm)	18.1 in (460 mm)
Weight (excl. cable)	589 lb (265 kg)	589 lb (265 kg)



### Performance curve



### Power rating



Rating	3ph	Std cable
Power P <sub>1</sub>	50 kW	
Power P <sub>2</sub>	58 HP	
Shaft speed	3500 r.p.m.	
460 V	68 A	AWG2
575 V	55 A	AWG4
Other voltages on request		

(2023-03-08) rev 3 2023.03 - Subject to modifications without prior notice

