

# Marine Horizontal Vortex Pump for Fluid Transfer

This vortex pump is designed to transport clear water and light eroding mediums. It is suitable for fluid drive systems requiring a stable flow rate and ease of maintenance.



## Overview

### Marine Horizontal Vortex Pump

This horizontal vortex pump is engineered specifically for marine fluid transfer applications, offering reliable operation in shipboard systems. Its robust construction ensures durability in harsh environments, while the compact design facilitates space-saving installation. The specialized vortex impeller allows the pump to handle clean water and light eroding mediums, providing a stable flow rate with efficient energy consumption.

## Performance Specifications

### Technical Parameters

Model	Capacity (m <sup>3</sup> /h)	Head (m)	Speed (r/min)	Motor Power (kw)
20 W-20	0.72	6.5	2900	0.18
25 W-25	1.44	25	2900	0.38
32 W-30	2.88	30	2900	0.74
40 W-40	5.4	40	2900	1.73
50 W-45	14.4	45	2900	3.06
65 W-50	14.4	50	2900	3.5
20 W-65	0.72	65	2900	0.85
25 W-70	1.44	70	2900	1.25
32 W-75	2.88	75	2900	1.96
40 W-80	5	80	2900	3.36
40 W-90	5.4	90	2900	4.01

## Operational Characteristics

Rotation Direction	Clockwise (viewed from motor)
Fluid Compatibility	Clean Water, Light Eroding Mediums
NPSHR Range	3.5m - 5.5m