

Marine Hot Water Circulation Pump - Horizontal Mount

This horizontal centrifugal pump is designed for hot water circulation in marine applications. It is suitable for circulating hot water in various shipboard systems, including heating, cooling, and other auxiliary services.



Product Overview

Marine Horizontal Hot Water Circulation Pump

This CWR series horizontal hot water circulating pump is engineered specifically for marine applications, providing reliable circulation of fresh hot water in boiler systems on sea or river vessels. Driven by a marine-grade electric motor, the unit is designed for durability and consistent performance in demanding maritime environments. It supports high-temperature operation and precise flow control, making it an essential component for shipboard heating and auxiliary water systems.

Operational Limits

Maximum Water Temperature	200 °C
Maximum Inlet Pressure	1.6 Mpa
Cooling Water Capacity	0.6 - 1 m³/h
Max Cooling Water Temp	40 °C

Key Metrics

Rotation Direction	Clockwise (viewed from motor)
Motor Speed	2900 r/min

Technical Specifications Table

Performance Parameters

Model	Capacity (m ³ /h)	Head (m)	Motor Power (kW)
40 CWR - 6.5	8	15	0.58
40 CWR - 6.5 A	7	12	0.42
40 CWR - 4.5	8	25	1.1
40 CWR - 4.5 A	7	20	0.87
40 CWR - 4.5 B	6	18	0.63
40 CWR - 3.5	8	30	1.71
40 CWR - 3.5 A	7	25	1.42
40 CWR - 3.5 B	6	20	1.12
50 CWR - 9	15	15	0.94
50 CWR - 9 a	15	12	0.66
50 CWR - 6	15	25	1.7
50 CWR - 6 a	15	20	1.32
50 CWR - 6 b	15	18	0.95
50 CWR - 4.5	15	30	2.57
50 CWR - 4.5 A	13	25	2.1
50 CWR - 4.5 B	13	28	1.58
50 CWR - 3.5	15	50	4.04
50 CWR - 3.5 A	13	45	3.25
50 CWR - 3.5 B	13	40	2.55