

Marine Vertical Double-Stage Centrifugal Pump

This centrifugal pump is engineered for marine fluid systems. Its double-stage design delivers enhanced pressure and flow rates.



Overview

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This CLN series vertical double-stage, double-outlet centrifugal pump is engineered for demanding marine and industrial environments. It is designed to handle fresh water and seawater, making it ideal for cooling, fire control, chamber loading, and general drainage applications. The vertical configuration optimizes deck space, while the double-stage design ensures high performance for both ballast and fire-fighting duties.

Applications

Primary Applications

Cooling, Fire Control, Chamber Loading, Water Drainage, Seawater Desalination, Deck Flushing, Ballast Water, Bilge Pumping

Technical Specifications

Operating Conditions

- Maximum medium temperature: 80°C
- Suitable for fresh water and seawater
- Can be used as alkali liquid pump
- Can be used as distilling pump

Performance Data (50Hz, 380V)

Model	Capacity (m3/h)	Head (m)	Speed (R/min)	NPSHR (m)
CLN80-340/2 a	51/51	29.5/65	1480	2.8
CLN80-340-2 c	116/58	24/61	1480	3.4
CLN80-340-2 d	112/54	15/51.5	1480	4.3
CLN80-340-2 e	141/62	25.5/59	1480	4.2
CLN100-380/2 a	95/91	36.5/86	1480	4.1
CLN100-380/2 c	149/95	27.5/77	1480	3.7
CLN100-380/2 d	141/95	16.5/60.5	1480	3.6
CLN100-380/2 e	199/99	23.5/69.5	1480	4.2
CLN125-380/2 a	124/120	33.5/77	1480	4
CLN125-380/2 c	215/120	23.5/65	1480	4.2
CLN125-380/2 d	199/108	17/60.5	1480	4.2
CLN125-380/2 e	257/124	24/68.5	1480	3.5
CLN150-380/2 a	199/182	33/79	1480	5.1
CLN150-380/2 c	248/174	22/71.5	1480	4.9
CLN150-380/2 d	265/166	14.5/62	1480	4.2
CLN150-380/2 e	389/182	22/70	1480	4.6