

VORTEX PUMP

1.5CWX-4A Bracket Series Self-Priming Vortex Pump

ISO9001 Supplier

Class Certificate

Export Supply

Description: 1.5CWX-4A Vortex pump for ship installations heart pumping water, washing and sanitation used in freshwater and seawater. Performance characteristics of CWX marine self-priming vortex pump...



Key Highlights	
Category	Vortex Pump
Standard	EN
Material	Some vortex pump parts can also use non-metallic materials, such as plas...
Weight / Size	1.5CWX-4A Vortex pump for ship installations heart pumping water, washin...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.	

Technical Specifications			
Category	Vortex Pump	Model / SKU	1-5CWX-4A-Bracket-Series-Self-Priming-Vortex-Pump
Standard	EN	Material	Some vortex pump parts can also use non-metallic materials, such as plastic, nylon molded impeller, etc.
Weight / Size	1.5CWX-4A Vortex pump for ship installations heart pumping water, washing and sanitation used in freshwater and seawater. Performance characteristics of CWX marine self-priming vortex pump (1) The characteristics of small volume and light weight of vortex pump have great advantages in marine equipment.	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

CONTENTS	Description:		Technical data:	
	■	Structure diagram	■	Overall dimension

Description:

1.5CWX-4A Vortex pump for ship installations heart pumping water, washing and sanitation used in freshwater and seawater.

Performance characteristics of CWX marine self-priming vortex pump

- (1) The characteristics of small volume and light weight of vortex pump have great advantages in marine equipment.
- (2) It has self-priming ability or is realized by means of a simple device.
- (3) It has a steep drop head characteristic curve, so it is not sensitive to pressure fluctuation in the system.
- (4) Some vortex pumps can realize vapor-liquid mixed transportation. This is of great significance for pumping volatile liquid containing gas and high-temperature liquid with high vaporization pressure.
- (5) The vortex pump has simple structure and easy casting and processing technology. Some vortex pump parts can also use non-metallic materials, such as plastic, nylon molded impeller, etc.

Technical data:

Model	Capacity m ³ /h	Head n	Speed r/min	NPSH M	Suction head m	Shaft power	Efficiency %	Motor power kw	Wight kg
1.5CWX-2	3	40	2900	4	6	2	16.3	2.2	45

1.5CWX-3	6.5	35	2900	4	6	2.3	26.9	3	50
1.5CWX-4	10	35	2900	4	6	2.5	38.1	4	65
1.5CWX-2A	3	40	2900	4	6	2	16.8	2.2	63
1.5CWX-3A	6.5	35	2900	4	6	2.3	26.9	3	68
1.5CWX-4A	10	35	2900	4	6	2.5	38.1	4	84

Performance parameters in case of power supply frequency of 60Hz, 3P. 440V:

Model	Capacity m ³ /h	Head n	Speed r/min	NPSH M	Suction head m	Shaft power	Efficiency %	Motor power kw	Wight kg
1.5CWX-2	3.6	57	3500	4.5	5.2	3.43	16.3	4	65
1.5CWX-3	7.8	50	3500	4.5	5.2	3.95	26.9	5.5	82
1.5CWX-4	12	50	3500	4.5	5.2	4.29	38.1	5.5	86
1.5CWX-2A	3.6	57	3500	4.5	5.2	3.43	16.8	4	83
1.5CWX-3A	7.8	50	3500	4.5	5.2	3.95	26.9	5.5	100
1.5CWX-4A	12	50	3500	4.5	5.2	4.29	38.1	5.5	105

Structure diagram



Overall dimension



Model	H	H1	H2	L	L1	L2	L3
1.5CWX-2	605	260	150	155	125	180	140
1.5CWX-3	640			180	550		
1.5CWX-4	660				580		
1.5CWX-2A	925			310	234	180	140
1.5CWX-3A	970						
1.5CWX-4A	990						

Model	B	B1	B2	B3	d1	D	D1	D2	n-d
1.5CWX-2	130	90	230	295	φ12	40	93	125	6-φ15/M12
1.5CWX-3		100	240	302					
1.5CWX-4		112	252	315	φ15				
1.5CWX-2A		180	320	385	φ18				
1.5CWX-3A									
1.5CWX-4A									