

MARINE ELECTRIC MOTOR

YBZa-H Series Explosion-Proof Three-Phase Asynchronous Motor for Marine Lifting

ISO9001 Supplier

Class Certificate

Export Supply

Introduction YBZa-H series motors added flame proof performance according to GB3838.1-2 “Electrical apparatus for explosive gas atmospheres”. It is suitable for hoisting electrical machinery under shipIIb class, the...



Key Highlights

Category	Marine Electric Motor
Standard	DIN
Weight / Size	Frame size Power kW Current A Speed r/min Bearing type Weightkg 380V 50H...
Certificate	CCS/LR/DNV/KR

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Marine Electric Motor	Model / SKU	JBZ2-H-Series-Explosion-Proof-Three-Phase-Asynchronous-Motor-for-Marine-Lifting
Standard	DIN	Weight / Size	Frame size Power kW Current A Speed r/min Bearing type Weightkg 380V 50Hz 440V 60Hz 380V 50Hz 440V 60Hz 380V 50Hz 440V 60Hz front back YBZall2S-4-H 1.5 1.8 4.3 4.5 1360 1660 6307/Z2 6307/Z2 42 YBZall2M-4-H 2.2 2.5 6.0 5.92 1360 1660 46 YBZall2L-4-H 3.7 4.0 9.6 8.98 1360 1660 50 YBZall2S-6-H 1.1 1.2 3.5 3.31 890 1090 40 YBZall2M-6-H 1.5 1.8 4.
Certificate	CCS/LR/DNV/KR	Warranty	12 Months unless specified otherwise
Origin	China		

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Introduction

YBZa-H series motors added flame proof performance according to GB3838.1-2 “Electrical apparatus for explosive gas atmospheres”. It is suitable for hoisting electrical machinery under shiIIB class, the temperature class is T1-T4 (S2-30min duty, explosion mark is ExdIIBT4) class inflammable vapour or explosive mixture of steam and air.

Operating conditions:

Frozen Dew: Exist; Shock : Exist; Transverse shaking: ±22.5° ;

Salt mist: Exist; Vibration: Exist; Ambient temperature: - 25 ~ +45℃;

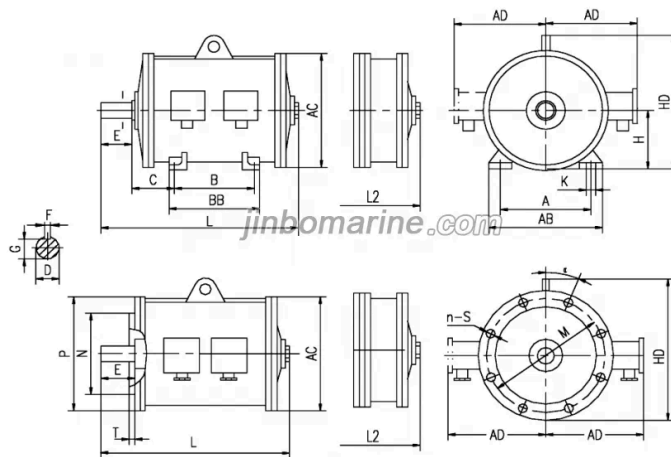
Oil mist: Exist; Longitudinal ramp: 10° ; Altitude: 0m;

Fungus : Exist; Ramp: 15° ; Relative humidity of air: ≤ 95%

Main technical data:

Frame size	Power kW		Current A		Speed r/min		Be ari ng typ e		Weightkg
	380V 50Hz	440V 60Hz	380V 50Hz	440V 60Hz	380V 50Hz	440V 60Hz	fr on t	ba ck	
YBZaI2S-4-H	1.5	1.8	4.3	4.5	1360	1660	63 07 /Z 2	63 07 /Z 2	42
YBZaI2M-4-H	2.2	2.5	6.0	5.92	1360	1660			46
YBZaI2L-4-H	3.7	4.0	9.6	8.98	1360	1660			50
YBZaI2S-6-H	1.1	1.2	3.5	3.31	890	1090			40
YBZaI2M-6-H	1.5	1.8	4.65	4.82	890	1090			45
YBZaI2L-6-H	2.2	2.5	6.6	6.51	890	1090			48
YBZaI32M1-4-H	5.5	6.3	13.4	13.3	1356	1670	63 08 /Z 2	63 08 // Z 2	86
YBZaI32M2-4-H	7.5	8.5	18.5	17.88	1360	1690			84
YBZaI32S-6-H	3.7	4.0	10.5	9.85	940	1130			79
YBZaI32M-6-H	5.5	6.3	15.3	15.10	940	1130			63
YBZaI60S-6-H	7.5	8.5	19.73	19.31	940	1140	63 10 /Z 2	63 10 /Z 2	140
YBZaI60L-6-H	11	13	26.8	27.34	940	1140			185
YBZaI80L-6-H	15	18.5	36	38.42	960	1152	63 12 /Z 2	63 12 /Z 2	220
YBZa200M-6-H	18.5	22	43.9	45.13	950	1140			240
YBZa225S-6-H	22	25	50.97	50.03	950	1140	63 14 /Z 2	63 14 /Z 2	325

Mounting And Overall Diameter



Frame size	Flange NO	Mounting diameter																Overall diameter					
		A	B	C	D	E	F	G	H	K	M	N	P	S	T	n	a	A B	A C	A D	H D	L	L2
112S	FF265	1 9 0	1 1 4	7 0	2 8	6 0	8	2 4	1 1 2	1 2	2 6 5	2 3 0	3 0 0	1 5	4	4	4 5 °	2 2 0	2 5 0	2 4 7	2 2 2	4 7 5	63 0
112M			1 4 0																			4 7 5	63 0
112L			1 5 9																			4 7 5	63 0
132S		2 1 6	1 4 0	8 9	3 8	8 0	1 0	3 3	1 3 2									2 5 4	2 5 4	2 7 0	2 6 2	4 1 5	65 0
132M			1 7 8																			4 5 0	69 0

160S	FF300	2 5 4	1 7 8	1 0 8	4 2	1 1 0	1 2	3 7	1 6 0	1 5	3 0 0	2 5 0	3 5 0	1 9	5					2 9 8	3 2 0	2 7 5	3 1 0	5 3 5	78 0												
160L		2 5 4																																		3 1 0	5 9 0
180L		FF350	2 7 9	2 7 9	1 2 1															4 8	1 4	4 2. 5	1 8 0		1 9	3 5 0	3 0 0	4 0 0							3 3 6	3 8 0	3 1 0
200M	FF400	3 1 8	2 6 7	1 3 3	2 0 0	4 0 0	3 5 0	4 5 0	8	2 2. 5 °	3 8 0	3 9 0	3 5 0	4 5 2	6 6 5	—																					
225S	FF500	3 5 6	2 8 6	1 4 9	5 5	1 6	4 9	2 2 5	5 0 0	4 5 0	5 5 0								4 3 0							4 2 6	4 2 0	5 1 0							7 8 0	—	

Note: The nntor with space heater will separately design a space heater tenninal on the left (see frm the drive-end), the overall diameter is as same as the main terminal box.