MARINE FAN/BLOWER

CBZ Marine Explosion Proof Axial Fan (Duct Type)

ISO9001 Supplier

Class Certificate

Export Supply

CBZ Marine Explosion Proof Axial Fan (Duct Type/Type II) General: CBZ seriesmarine explosion proof axial fanis designed and manufactured according to GB11800-89 (marine explosion proof axial flow fan), and g...



Key Highlights

Category	Marine Fan/Blower
Standard	DIN
Material	Steel
Weight / Size	Model Folw rate Total pressure Pa Static pressure Pa speed Motor Weight ...
Certificate	CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS

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

Technical Specifications			
Category	Marine Fan/Blower	**Model / SKU**	CBZ-Marine-Explosion-Proof-Axial-Fan-Duct-Type
Standard	DIN	**Material**	Steel

Weight / Size	Model Folw rate Total pressure Pa Static pressure Pa speed Motor Weight m3/h r/min Freq Hz Power kw Type CBZ-30A 1200 250 230 2920 50 0.75 YB80L1-2-H 83 58 1800 170 140 1400 360 330 3500 60 2100 240 200 CBZ-30B 1000 230 220 2920 50 84 59 1200 150 140 1200 330 320 3500 60 1400 220 200 CBZ-35A 3000 360 320 2920 50 1.1 YB80L2-2-H 92 66 4500 240 140 3600 520 460 3500 60 5400 340 200 CBZ-35B 1800 360 340 2920 50 91 65 3000 220 180 2100 510 490 3500 60 3600 330 270 CBZ-40A 4500 550 490 2920 50 2.2 YB90L-2-H 97 80 6000 470 370 5400 800 710 3500 60 7200 680 530 CBZ-40B 3000 490 460 2920 50 96 79 4500 380 320 3600 710 670 3500 60 5400 540 460 CBZ-50A 6000 210 170 1460 50 1.1 YB90S-4-H 99 91 7200 300 240 1750 60 CBZ-50B 6000 640 600 2920 50 3 YB100L-2-H 111 103 9000 560 460 7200 920 860 3500 60 4 YB112M-2-H 119 120 10000 790 670 CBZ-50C 9000 750 650 2920 50 4 YB112M-2-H 119 120 12000 630 460 10000 1060 940 3500 60 5.5 YB132 S1-2-H 143 135 14000 890 660 CBZ-60 9000 260 220 1460 50 2.2 YB100L1-4-H 140 130 12000 220 140 10000 380 320 1750 60 14000 310 200 CBZ-70A 12000 410 370 1460 50 3 YB100L2-4-H 218 205 15000 350 280 18000 280 180 14000 590 530 1750 60 4 YB112M-4-H 229 216 18000 500 400 21000 410 280 CBZ-70B 9000 390 370 1460 50 2.2 YB100L1-4-H 216 170 12000 270 230 15000 210 140 10000 560 530 1750 60 3 YB100L2-4-H 218 205 14000 390 330 18000 300 200 CBZ-75 15000 510 460 1460 50 4 YB112M-4-H 240 195 18000 440 370 21000 320 220 24000 270 140 18000 730 660 1750 60 7.5 YB132M-4-H 267 252 21000 630 530 25000 470 320 28000
Certificate	CCS, BV, ABS, GL, LR, DNV, NK,RINA, KR,IRS

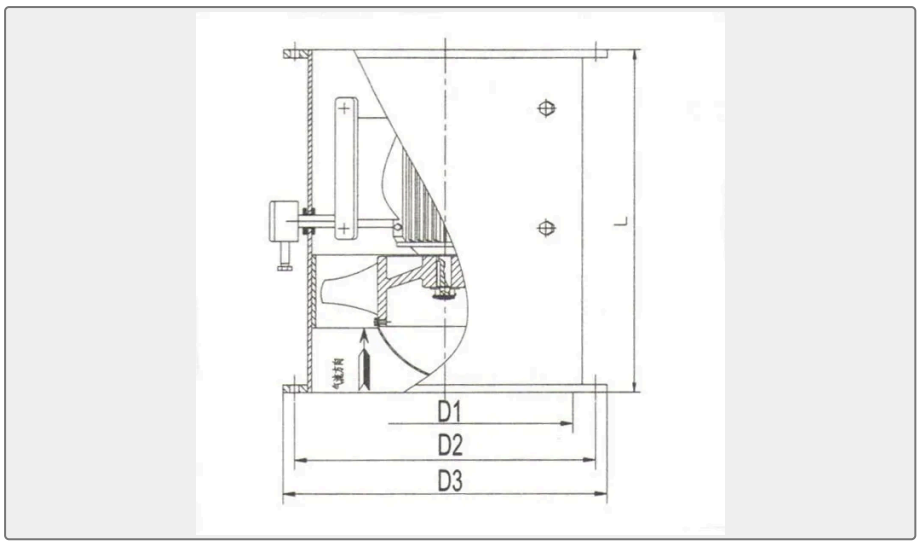
380 200 CBZ-80A 21000 640 560 1460 50 7.5 YB132M-4-H 255 240 24000 560 460 27000 500 370 30000 370 210 25000 910 800 1750 60 11 YB160M-4-H 308 293 28000 800 660 32000 720 530 36000 550 310 CBZ-80B 18000 520 460 1460 50 5.5 YB132S-4-H 240 225 21000 450 370 24000 380 280 27000 290 160 21000 740 660 1750 60 7.5 YB132M-4-H 255 240 25000 640 530 28000 540 400 32000 420 230 CBZ-90A 24000 660 600 1460 50 7.5 YB132M-4-H 283 265 27000 540 460 30000 470 370 33000 330 210 28000 950 860 1750 60 11 YB160M-4-H 336 318 32000 770 660 36000 680 530 40000 480 300 CBZ-90B 27000 730 650 1460 50 11 YB160M-4-H 336 318 30000 660 560 33000 580 460 36000 520 370 32000 1060 940 1750 60 15 YB160L-4-H 354 336 36000 950 800 40000 840 660 48000 760 530 CBZ-90C 30000 840 740 1460 50 15 YB160L-4-H 354 336 33000 770 650 36000 660 510 36000 1220 1070 1750 60 18.5 YB180M-4-H 408 390 39000 1100 930 43000 940 730 CBZ-100A 42000 685 545 1460 50 15 YB160L-4-H 365 345 48000 625 450 54000 585 350 50000 985 780 1750 60 22 YB180L-4-H 470 450 57000 900 645 60000 840 500 CBZ-100B 36000 840 745 1460 50 15 YB160L-4-H 365 345 39000 795 695 43000 1205 1070 1750 60 22 YB180L-4-H 470 450 46000 1140 1000 CBZ-100C 39000 545 505 1460 50 11 YB160M-4-H 350 330 42000 490 450 48000 430 390 46000 780 725 1750 60 15 YB160L-4-H 365 345 50000 705 645 57000 620 560 CBZ-100D 36000 300 205 970 50 7.5 YB160M-6-H 350 330 39000 255 155 43000 430 290 1160 60 11 YB160L-6-H 365 345 46000 365 220 CBZ-110A 42000 550 460 970 50 15 YB180L-6-H

	570 545 48000 490 370 54000 450 300 60000 380 200 50000 790 660 1160 60 18.5 YB200L1-6-H 575 550 57000 700 530 65000 650 430 72000 550 290 CBZ-110B 42000 310 220 970 50 7.5 YB160M-6-H 351 326 48000 260 140 50000 450 320 1160 60 11 YB160L-6-H 475 350 57000 370 200 CBZ-110C 42000 830 740 1460 50 18.5 YB180M-4-H 530 500 48000 770 650 54000 710 560 50000 1190 1060 1750 60 30 YB200L-4-H 610 585 57000 1110 940 65000 1020 800 CBZ-120A 60000 390 280 280 970 15 YB180L-6-H 700 665 72000 320 150 150 72000 560 400 400 1160 18.5 YB200L1-6-H 705 670 86000 460 215 215 CBZ-120B 60000 600 470 470 970 18.5 YB200L1-6-H 705 670 72000 560 370 370 84000 480 230 230 72000 860 670 670 1160 30 YB225M-6-H 845 810 86000 800 530 530 10000 690 330 330 CBZ-140A 72000 660 560 560 970 22 YB200L2-6-H 950 900 84000 560 460 460 96000 470 320 320 86000 940 800 800 1160 30 YB225M-6-H 1068 1018 100000 800 660 660 115000 670 460 460 CBZ-140B 96000 470 320 320 970 22 YB200L2-6-H 950 900 115000 370 225 225 115000 670 460 460 1160 30 YB225M-6-H 1068 1018 138000 530 320 320		
Warranty	12 Months unless specified otherwise	**Origin**	China

CONTENTS

- China CBZ Marine Explosion Proof Axial Fan (Duct Type):
- Application:
- Features:
- General:
- Structural Types:
- Main Parameter:

China CBZ Marine Explosion Proof Axial Fan (Duct Type):



CBZ Marine Explosion Proof Axial Fan (Duct Type/Type II)

General:

CBZ seriesmarine explosion proof axial fanis designed and manufactured according to GB11800-89 (marine explosion proof axial flow fan), and genearal description and explosion proof electrical equipment "d" of GB3836-83 (electrical apparatus for explosive atomsphere) and Regulations for the Contrustion and classification of sea-going steel shipes.

Application:

It can be used to delivery the gas mixtures or vapour containing combustibles and explosives, ordinary air, sea air containing salt fog, air containing oil fog and other corrupt air supply or extraciton.

This kind of explosion proof fan is suitable to pump out gas mixtures or vapour containing combustibles and explosives in oil tank,cargo tank, pump room,battery cabin,ammunition cabin,hangar,paint house, etc. It also can be used for ventilation of other compartments of shipping and corresponding place on the land.

The fan can be with AC 50HZ,380V or 60HZ, 440V, marine three-phase asynchronous motor.

Structural Types:

Type I-Deck type,with a hood and an explosion proof motor installed on the top of the machine frame, and a wide mesh cover 2mesh/sq in.The fan is vertically fixed on the deck. It may be used for pumping or sending air.

Type II-Duct Type, without hood,built-in type explosion proof motor is mounted on the housing by the down stream guide vane.It can be installed vertically or horizontally, and also can be installed on the deck.

According to the customer's special requirement, the fan can be made into type III, type IV, type V. The fan and the motor are put in different cabins, with a driving device, and sealed box and flexible couplings. It is used primarily for exhaust of dangerous compartment.

Type III can be installed horizontally, type IV and type V can be vertically fixed on the deck.

Features:

1.Explosion proof, safe, reliable in operation.

2.Well anticorrosive.

3. Strongly capable of resisting vacillation,vibration and shocking.

Main Parameter:

Model	Folw rate	Total pressure Pa	Static pressure Pa	speed	Motor			Weight	
	m3/h			r/min	Freq Hz	Power kw	Type		
CBZ-30A	1200	250	230	2920	50	0.75	YB80L1-2-H	83	58
	1800	170	140						
	1400	360	330	3500	60				
	2100	240	200						
CBZ-30B	1000	230	220	2920	50			84	59
	1200	150	140						
	1200	330	320	3500	60				
	1400	220	200						
CBZ-35A	3000	360	320	2920	50	1.1	YB80L2-2-H	92	66
	4500	240	140						
	3600	520	460	3500	60				
	5400	340	200						
CBZ-35B	1800	360	340	2920	50			91	65
	3000	220	180						
	2100	510	490	3500	60				
	3600	330	270						
CBZ-40A	4500	550	490	2920	50	2.2	YB90L-2-H	97	80
	6000	470	370						
	5400	800	710	3500	60				
	7200	680	530						
CBZ-40B	3000	490	460	2920	50			96	79
	4500	380	320						
	3600	710	670	3500	60				
	5400	540	460						
CBZ-50A	6000	210	170	1460	50	1.1	YB90S-4-H	99	91
	7200	300	240	1750	60				

CBZ-50B	6000	640	600	2920	50	3	YB100L-2-H	111	103
	9000	560	460						
	7200	920	860	3500	60	4	YB112M-2-H	119	120
	10000	790	670						
CBZ-50C	9000	750	650	2920	50	4	YB112M-2-H	119	120
	12000	630	460						
	10000	1060	940	3500	60	5.5	YB132 S1-2-H	143	135
	14000	890	660						
CBZ-60	9000	260	220	1460	50	2.2	YB100L1-4-H	140	130
	12000	220	140						
	10000	380	320	1750	60				
	14000	310	200						
CBZ-70A	12000	410	370	1460	50	3	YB100L2-4-H	218	205
	15000	350	280						
	18000	280	180						
	14000	590	530	1750	60	4	YB112M-4-H	229	216
	18000	500	400						
	21000	410	280						
CBZ-70B	9000	390	370	1460	50	2.2	YB100L1-4-H	216	170
	12000	270	230						
	15000	210	140						
	10000	560	530	1750	60	3	YB100L2-4-H	218	205
	14000	390	330						
	18000	300	200						
CBZ-75	15000	510	460	1460	50	4	YB112M-4-H	240	195
	18000	440	370						
	21000	320	220						
	24000	270	140						
	18000	730	660	1750	60	7.5	YB132M-4-H	267	252
	21000	630	530						
	25000	470	320						
	28000	380	200						

CBZ-80A	21000	640	560	1460	50	7.5	YB132M-4-H	255	240
	24000	560	460						
	27000	500	370						
	30000	370	210						
	25000	910	800	1750	60	11	YB160M-4-H	308	293
	28000	800	660						
	32000	720	530						
	36000	550	310						
CBZ-80B	18000	520	460	1460	50	5.5	YB132S-4-H	240	225
	21000	450	370						
	24000	380	280						
	27000	290	160						
	21000	740	660	1750	60	7.5	YB132M-4-H	255	240
	25000	640	530						
	28000	540	400						
	32000	420	230						
CBZ-90A	24000	660	600	1460	50	7.5	YB132M-4-H	283	265
	27000	540	460						
	30000	470	370						
	33000	330	210						
	28000	950	860	1750	60	11	YB160M-4-H	336	318
	32000	770	660						
	36000	680	530						
	40000	480	300						
CBZ-90B	27000	730	650	1460	50	11	YB160M-4-H	336	318
	30000	660	560						
	33000	580	460						
	36000	520	370						
	32000	1060	940	1750	60	15	YB160L-4-H	354	336
	36000	950	800						
	40000	840	660						
	48000	760	530						

CBZ-90C	30000	840	740	1460	50	15	YB160L-4-H	354	336
	33000	770	650						
	36000	660	510						
	36000	1220	1070	1750	60	18.5	YB180M-4-H	408	390
	39000	1100	930						
	43000	940	730						
CBZ-100A	42000	685	545	1460	50	15	YB160L-4-H	365	345
	48000	625	450						
	54000	585	350						
	50000	985	780	1750	60	22	YB180L-4-H	470	450
	57000	900	645						
	60000	840	500						
CBZ-100B	36000	840	745	1460	50	15	YB160L-4-H	365	345
	39000	795	695						
	43000	1205	1070	1750	60	22	YB180L-4-H	470	450
	46000	1140	1000						
CBZ-100C	39000	545	505	1460	50	11	YB160M-4-H	350	330
	42000	490	450						
	48000	430	390						
	46000	780	725	1750	60	15	YB160L-4-H	365	345
	50000	705	645						
	57000	620	560						
CBZ-100D	36000	300	205	970	50	7.5	YB160M-6-H	350	330
	39000	255	155						
	43000	430	290	1160	60	11	YB160L-6-H	365	345
	46000	365	220						

CBZ-110A	42000	550	460	970	50	15	YB180L-6-H	570	545
	48000	490	370						
	54000	450	300						
	60000	380	200						
	50000	790	660	1160	60	18.5	YB200L1-6-H	575	550
	57000	700	530						
	65000	650	430						
	72000	550	290						
CBZ-110B	42000	310	220	970	50	7.5	YB160M-6-H	351	326
	48000	260	140						
	50000	450	320	1160	60	11	YB160L-6-H	475	350
	57000	370	200						
CBZ-110C	42000	830	740	1460	50	18.5	YB180M-4-H	530	500
	48000	770	650						
	54000	710	560						
	50000	1190	1060	1750	60	30	YB200L-4-H	610	585
	57000	1110	940						
	65000	1020	800						
CBZ-120A	60000	390	280	280	970	15	YB180L-6-H	700	665
	72000	320	150	150					
	72000	560	400	400	1160	18.5	YB200L1-6-H	705	670
	86000	460	215	215					
CBZ-120B	60000	600	470	470	970	18.5	YB200L1-6-H	705	670
	72000	560	370	370					
	84000	480	230	230					
	72000	860	670	670	1160	30	YB225M-6-H	845	810
	86000	800	530	530					
	10000	690	330	330					

CBZ-140A	72000	660	560	560	970	22	YB200L2-6-H	950	900
	84000	560	460	460					
	96000	470	320	320					
	86000	940	800	800	1160	30	YB225M-6-H	1068	1018
	100000	800	660	660					
	115000	670	460	460					
CBZ-140B	96000	470	320	320	970	22	YB200L2-6-H	950	900
	115000	370	225	225					
	115000	670	460	460	1160	30	YB225M-6-H	1068	1018
	138000	530	320	320					