

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

MARINE FAN/BLOWER

CBZ Marine Explosion Proof Axial Fan Type V

- ISO9001 Supplier
- Class Certificate
- Export Supply

CBZ Marine Explosion Proof Axial Fan Type V is the toilet type marine explosion proof axial fan. General: CBZ seriesmarine explosion proof axial fanis designed and manufactured according to GB11800-89 (marine...



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-Type-V |
| 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 |
|-----------------|--------------------------------------|---------------|-------|

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|-----------------|--|---------------------|
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| | ■ Features: | ■ Main Parameter: |

China CBZ Marine Explosion Proof Axial Fan Type V:

CBZ Marine Explosion Proof Axial Fan Type V is the toilet type marine explosion proof axial fan.

General:

CBZ series marine explosion proof axial fans designed and manufactured according to GB11800-89 (marine explosion proof axial flow fan), and general description and explosion proof electrical equipment "d" of GB3836-83 (electrical apparatus for explosive atmosphere) and Regulations for the Construction and classification of sea-going steel ships.

Application:

It can be used to deliver 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 | |
|---------|-------------------|-------------------|--------------------|-------|---------|----------|------------|--------|----|
| | m ³ /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 | 2.2 | YB90L-2-H | 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 | 2.2 | YB90L-2-H | 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 | | | | | | | |
| | CBZ-90A | 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 | | | | | | | |
| | CBZ-90B | 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 | | | | | | | |
| | CBZ-90C | 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 | | | | | | | |
| | CBZ-90C | 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 | | | | | |