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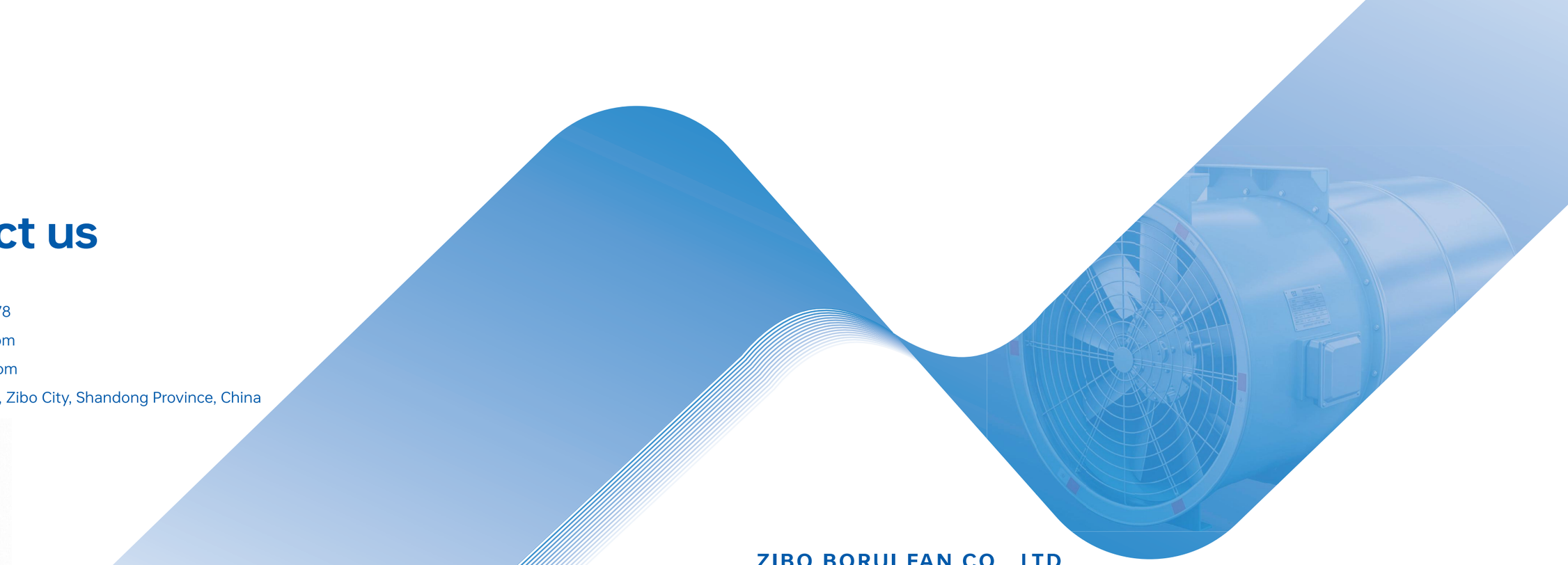
ISO 9001 Quality Management System Certification

INTELLIGENT MANUFACTURING
AXIAL FAN & AXIAL BLOWER
ONE-STOP SYSTEM
SOLUTION PROVIDER

INNOVATE TO TRANSCEND
REFINE TO STAND
创新以超越 精进以立身

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ZIBO BORUI FAN CO., LTD.

ABOUT US

Zibo Borui Fan Co., Ltd. is located in Zibo City, Shandong Province, a nationally renowned core industrial base for chemical and mechanical equipment manufacturing with complete industrial supporting facilities and profound manufacturing foundations. Founded in 2015 with a registered capital of 3 million US dollars and 33 employees, the company is a professional manufacturer integrating fan research and development, precision production, sales and after-sales service. It holds two subsidiary companies: Zibo Anting Machinery Co., Ltd. and Shandong Licheng Industrial Equipment Co., Ltd., forming a complete industrial layout.

With years of industry experience, the company has obtained multiple international authoritative certifications including ISO9001 quality management system, ATEX explosion-proof certification and CE certification, ensuring all products comply with domestic and international standards. Equipped with high-power laser cutting machines, 20-ton high-precision dynamic balancing machines, large CNC lathes and a full set of advanced processing and testing equipment, we guarantee high precision, stable performance and reliable product quality for every order.

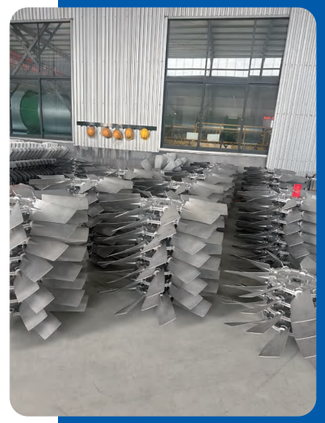


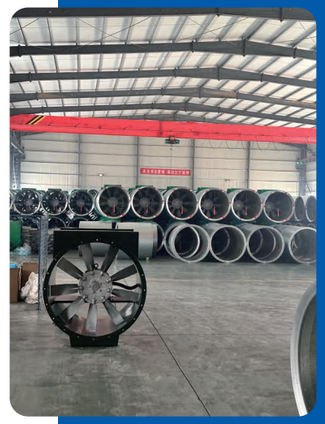


We provide full-customized fan design and manufacturing solutions with a complete product portfolio covering diverse industrial applications. Our main products include: explosion-proof and conventional axial fans; T30, T35, BT35, BFT35 series general axial fans; FKZ, FKCDZ, FBCDZ, FBCZ, FK, FBD series mine axial fans; SDF, SDS, DTF, SD, SDLF, SDDF series tunnel ventilation fans; and DWT series axial/centrifugal roof ventilation fans. Our products are widely applied in chemical, mining, tunnel construction, building ventilation and other industrial fields.

Adhering to the business philosophy of “Integrity First, Service Supreme”, the company focuses on technological innovation and maintains long-term industry-university cooperation with top universities including Tsinghua University, Harbin Engineering University and Xi’ an Jiaotong University. We continuously upgrade product structures and core technologies to improve overall performance and environmental adaptability.

With stable product quality, professional customized solutions and comprehensive after-sales support, we have long-term cooperation with large central state-owned enterprises such as China National Chemical Engineering, China Aerospace, Datang Group, China Huaneng, China Huadian and Aluminum Corporation of China. With solid strength and reliable market reputation, Zibo Borui Fan has become a highly competitive and influential brand in China’s fan industry.





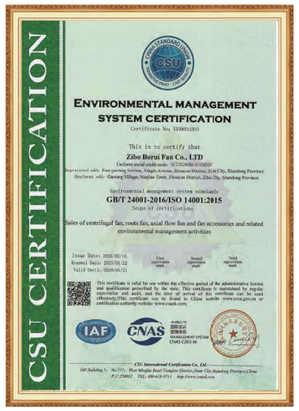




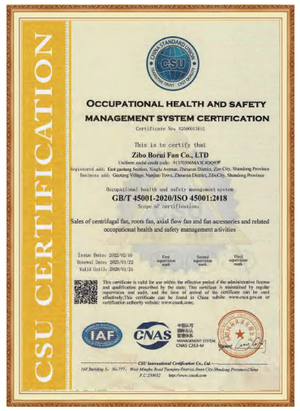
QUALIFICATION





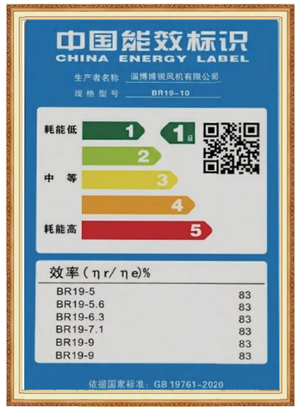












PRODUCT IMAGES

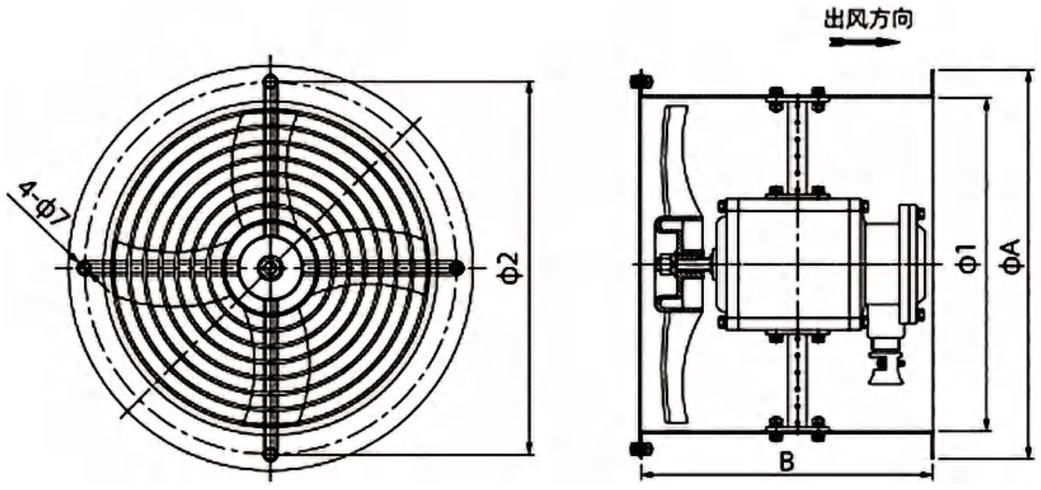


T35-11 & BT35-11 Series Axial Flow Fans

The T35-11 series fans are designed to convey non-flammable and non-explosive gas free of corrosive substances and heavy dust, with a maximum applicable ambient temperature of 60°C. Widely adopted for ventilation, air exchange and heat dissipation in general workshops, warehouses, offices and residential buildings. They can also be installed in series along long exhaust ducts to boost the system static pressure.



The BT35-11 explosion-proof series fans are suitable for ventilation, air exchange and heat dissipation in workshops and warehouses with explosive gas mixtures. Marked with explosion-proof grade Exd II BT4, they fit explosive gas environments of Class IIB T4 and lower temperature groups. Featuring reliable explosion-proof performance, the fans deliver large air volume, low operating noise and outstanding energy efficiency.



Overall Dimensions

Specification	2.8	3.15	3.55	4	5	5.6	6.3	7.1	8	9	10	11.2
ΦA Flat Mouth OD (±5mm)	337	368	414	455	558	622	659	764	869	962	1062	1208
ΦB Barrel Height (±5mm)	277	277	297	297	327	407	407	502	504	700	700	700
Φ1 Barrel ID (±5mm)	288	319	365	405	506	570	608	708	815	897	1000	1140
Φ2 Mesh Hole Pitch (±5mm)	315	347	394	433	533	598	634	740	840	930	1030	1175
Mounting Hole (±5mm)	4-Φ7	4-Φ7	4-Φ7	4-Φ7	4-Φ7	4-Φ7	4-Φ7	6-Φ7.5	6-Φ7.5	6-Φ10	6-Φ10	6-Φ10
Blade OD	270	305	345	385	480	535	590	690	775	860	970	1065
Blade Qty.	4	4	4	4	4	4	4	4	4	4	4	4
Thread Spec.	1/2	1/2	3/4	3/4	3/4	3/4	3/4	30*2	30*2	30*2	30*2	30*2
Remarks	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange	Dual flange

Technical Parameters

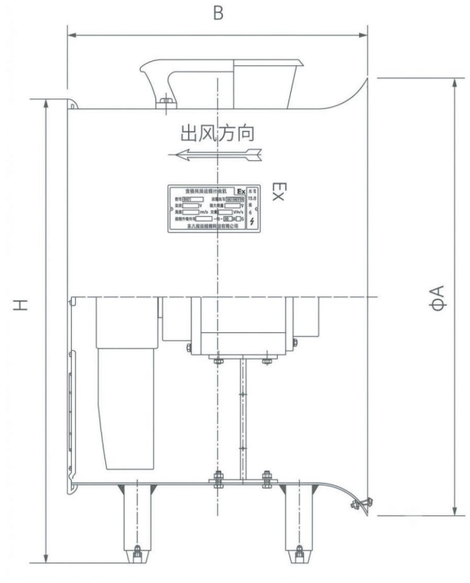
Model	Speed (r/min)	Airflow (m^3/h)	Total Pressure (Pa)	Power (kw)
T35-11-2.8 BT35-11-2.8	1450	1605	60	0.18
	2900	3202	232	0.25
T35-11-3.15 BT35-11-3.15	1450	2273	74	0.25
	2900	4545	373	0.37
T35-11-3.55 BT35-11-3.55	1450	3265	93	0.37
	2900	6542	373	0.75
T35-11-4 BT35-11-4	1450	4687	119	0.55
	2900	9336	474	1.1
T35-11-4.5 BT35-11-4.5	1450	6658	150	0.55
T35-11-5 BT35-11-5	1450	9133	185	0.75
T35-11-5.6 BT35-11-5.6	1450	12812	232	1.1
T35-11-6.3 BT35-11-6.3	1450	18250	294	1.5
	1450	19500	320	2.2
T35-11-7.1 BT35-11-7.1	1450	26120	373	3
	1450	28732	410	4
	960	17296	164	1.5
T35-11-8 BT35-11-8	1450	37370	474	4
	1450	41107	497	5.5
	960	24739	208	2.2
T35-11-9 BT35-11-9	960	35227	263	3
	960	36988	276	4
	960	38837	289	5.5
	960	40779	304	7.5
T35-11-10 BT35-11-10	960	48326	321	4
	960	50742	337	5.5
	960	53279	353	7.5
T35-11-11.2 BT35-11-11.2	960	67892	407	7.5
	960	74681	427	11

SFT, BSFT Portable Axial Flow Fans

SFT series fans are applicable for exhaust ventilation and air exchange in tunnels, basements, ship cabins, welding workshops and various industrial sites. The fans can be equipped with customized extension ducts according to working conditions. The extension section is easy to install: simply slide and sleeve the extension pipe onto the forged annular interface of the main duct, and fix it with ropes to complete connection, realizing extended air supply and exhaust efficiently.



BSFT explosion-proof series fans adopt flameproof structure with an explosion-proof rating of Exd II BT4. They are suitable for explosive gas environments of Class IIA, IIB and temperature groups T1–T4. Widely used in high-risk areas such as chemical plants, petroleum refineries and shipyards for ventilation, air replacement and heat dissipation, the fans feature stable explosion-proof performance and high operational safety.



Exterior Installation Dimensions

Model	A Air Inlet (mm)	B Duct Length (mm)	H Overall Height (mm)	F Air Outlet (mm)	Duct ID (mm)
BSFT/SFTSFT-200	269	345	306	239	210
BSFT/SFTSFT-250	329	336	373	292	261
BSFT/SFTSFT-300	365	340	405	333	306
BSFT/SFTSFT-350	436	368	471	394	364
BSFT/SFTSFT-400	470	370	511	434	406
BSFT/SFTSFT-500	575	468	628	539	507

Technical Parameters

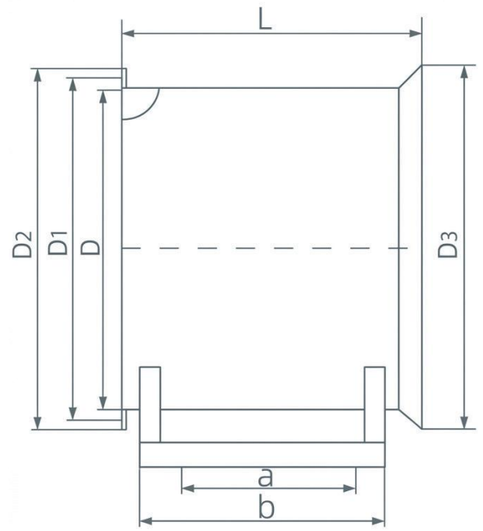
Specification (mm)	Leaf diameter (mm)	Airflow (m^2/h)	Static Pressure (Pa)	Speed (r/min)	Frequency (Hz)	Power (kw)
200	190	1500-2100	250-420	2800	50/60	0.15
250	240	2700-3300	300-450	2800	50/60	0.25
300	290	3720-3300	350-500	2800	50/60	0.37
350	340	4840-5840	550-600	2800	50/60	0.55
400	390	5860-6840	750-800	2800	50/60	0.9
500	490	6800-10000	185-200	1450	50/60	0.75

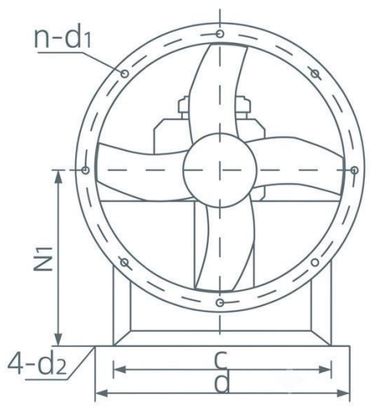
T40, KT40 Series Axial Flow Fans

T40 series axial flow fans are used for ventilation, air exchange and heating heat dissipation in general factories, warehouses, offices and residential buildings. They can also be installed in series at intervals inside long exhaust ducts to boost duct static pressure.

Upon customer request, this series can be designed with an externally mounted motor on the fan housing via belt drive, designated as model KT40. It shares identical performance parameters with T40 fans, and its rotating speed can be adjusted to meet customized performance requirements. Its prominent advantage lies in the capability to exhaust high-temperature and moisture-laden gas.







Main Technical Parameters

Machine number	Blade diameter (mm)	Power (kw)	Speed (r/min)	Airflow (m^3/h)	Total Pressure (Pa)
3	300	0.37	1450	1740	55
		0.55	2900	3480	219
4	400	0.55	1450	4120	97
		1.5	2900	8240	390
5	500	0.75	960	8050	152
		0.37	1450	5330	66
6	600	2.2	1450	13900	219
7	700	3	1450	22100	300
8	800	5.5	1450	33000	389
		4	1450	29000	360
10	1000	4	960	42000	260

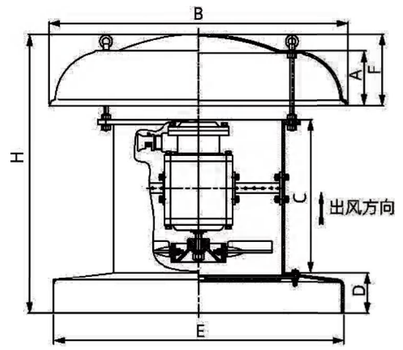
DWT Series Roof Ventilator Fans

DWT-I axial roof fans are suitable for working conditions with large air volume and medium-low pressure. A reversible bidirectional rotation structure can be customized according to actual demands, achieving equivalent and stable ventilation performance in both forward and reverse operation modes.

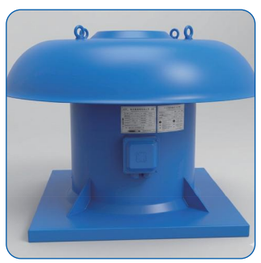
DWT-II and DWT-III centrifugal roof fans apply to working conditions with small air volume and high wind pressure. Featuring low rotational inertia and high dynamic balance accuracy, the fans operate smoothly with minor vibration and excellent stability.

For special harsh environments involving flammable and explosive substances, corrosive media and high temperature conditions, customized explosion-proof, flame-retardant and high-temperature resistant fan models are available. The housings can be supplied in FRP, carbon steel, stainless steel and other materials to meet diverse industrial ventilation requirements.

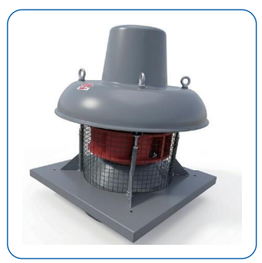












CBF (BAF) Series Explosion-proof Axial Fan



Duct Mounted Type



Fixed Type



Portable Type

Application

This series of products are suitable for ventilation in places of mixture of explosive gases and vapors of Class II B and Class II A T1~T4, such as Zone 1 and Zone 2, including factories, warehouses, and petrochemical facilities.
The products are applicable in ambient temperature of -20°C to +40°C, with frequency 50Hz, voltage 220/380V, and without significant corrosive gases or heavy dust.
The products can be manufactured according to user requirements.
The explosion-proof performance meets the requirements of Ex d II BT4.

Model Meaning

CB	F	-	□
Explosion-proof type	Axial flow fan		Impeller diameter

Structural Features

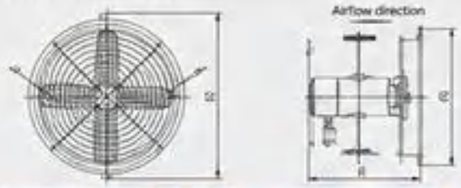
This series of products consists of explosion-proof motor, impeller, fan cylinder and other parts. The motor is explosion-proof type, the impeller is made of aluminum alloy, and the fan cylinder is rolled from high-quality steel plate and treated with anti-corrosion coating. The fan cylinder can be installed with a base or a fixed bracket (note: CBF is duct type, BAF is modified from CBF), which is convenient for installation and use.

Technical Parameters

Model	Power (kw)	Airflow (m^3/h)	Speed (r/min)	Voltage (V)	
CBF-200	0.09	1800	1450	220	380
CBF-250	0.12	2000	1450	220	380
CBF-300	0.18	2280	1450	220	380
CBF-400	0.37	2880	1450	220	380
CBF-500	0.55	5700	1450	220	380
CBF-600	0.75	8700	1450	220	380
CBF-700	1.1	10200	1450	-	380
CBF-750	1.5	10500	1450	-	380

Overall and Installation Dimensions

CBF (duct type) overall dimensions



Model	ΦA (±5mm)	B (±5mm)	ΦC (±5mm)	ΦD (±5mm)	E (±5mm)	F (±5mm)	N (holes)	Inlet	Remarks
200	249	265	212	232	4-Φ7	195	4	1/2	Double inlet and outlet
250	302	269	264	284	4-Φ7	238	4	1/2	Double inlet and outlet
300	355	277	305	329	4-Φ7	285	4	1/2	Double inlet and outlet
400	454	276	405	433	4-Φ7	390	3	1/2	Double inlet and outlet
500	556	298	506	533	4-Φ7	490	3	3/4	Double inlet and outlet
600	655	298	606	633	4-Φ7	590	3	3/4	Double inlet and outlet
700	764	402	708	740	4-Φ7.5	685	3	3/4	Double inlet and outlet
750	806	402	748	781	4-Φ7.5	740	3	3/4	Double inlet and outlet

BFAG Series Explosion-proof Exhaust Fan



Wall Mounted Type



Square Louver Type



Round Louver Type

Application

This series of products are suitable for ventilation in places of mixture of explosive gases and vapors, and the explosion-proof performance complies with GB3836.1 (General requirements for explosion-proof electrical equipment for explosive gas atmospheres) and GB3836.2 (Flameproof electrical equipment "d"). It can be applied in Zone 1 and Zone 2 of Class II B and Class II A T1~T4 explosive gas atmospheres. The product features reliable explosion-proof performance, large air volume, low noise and other advantages.

Model Meaning

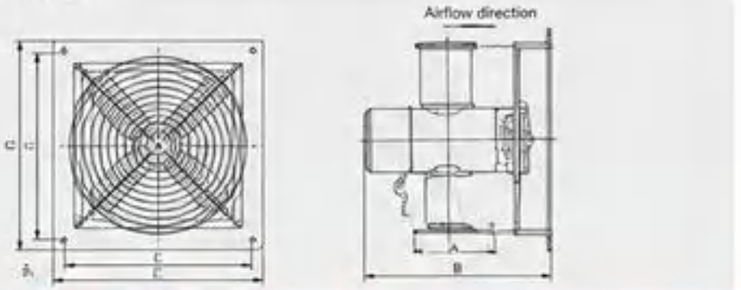
B	F	-	AG
Explosion-proof type	Square type		Exhaust fan

Technical Parameters

Model	Power (kw)	Airflow (m^3/h)	Speed (r/min)	Voltage (V)	
BFAG-300	0.12	2200	1450	220	380
BFAG-400	0.18	2400	1450	/	/
BFAG-500	0.25	4900	1450	/	/
BFAG-600	0.37	9500	1450	/	/

Installation and Dimensions

BFAG overall dimensions



Model	A	B	C	E	Installation hole	F	G	Air duct diameter	Fan blade	Air inlet/outlet
300	265	175	372	340	4-Φ12	307	320	285	4	1/2
400	265	175	472	440	4-Φ12	407	420	390	3	1/2
500	275	180	572	540	4-Φ12	507	520	490	3	3/4
600	275	180	672	640	4-Φ12	607	620	590	3	3/4

1. The above dimensions are for reference only. Due to product improvement, some dimensions may be changed without prior notice. Please refer to the actual product.
2. The fan motor must be equipped with an explosion-proof motor, and cables must be connected with explosion-proof cable clamps.
3. For 500V and above, a cable gland must be used, and the cable outer diameter shall not exceed 10 mm. Otherwise, the cable gland must be reprocessed, and the cable outer diameter shall not be greater than 10 mm.
4. Users shall refer to the explosion-proof manual of the motor and switch, and install and use them properly in places free of explosive hazards.
5. When installing the fan, ensure that the air duct is smoothly connected with the fan, and flexible soft connections should be used at the inlet and outlet to avoid additional stress on the fan.
6. The surface of the fan should be checked regularly. If any looseness or damage is found, the power supply should be cut off immediately, and it can be used again after repairing and ensuring safety.
7. When used in corrosive or high-temperature gas environments other than those specified above, anti-corrosion treatment should be carried out and the materials should be selected correctly.
8. Keep the air ducts of the exhaust fan clean and free of obstruction to ensure smooth ventilation.

FB Series Explosion-proof Shaking Head Fan



Pedestal Type

Application

This series of fans are suitable for use in environments with explosive gas mixtures of Class II A and Class II B, T1-T4, such as petroleum, military, chemical, machinery, medicine, metallurgy, coating, grain processing and other industries.
The fan has explosion-proof performance, reasonable structure, smooth operation, convenient use, beautiful appearance, and is an ideal ventilation equipment for explosion-proof environments.

Model Meaning

F	B	-	□
Shaking head fan	Explosion-proof type	-	Impeller diameter (mm)

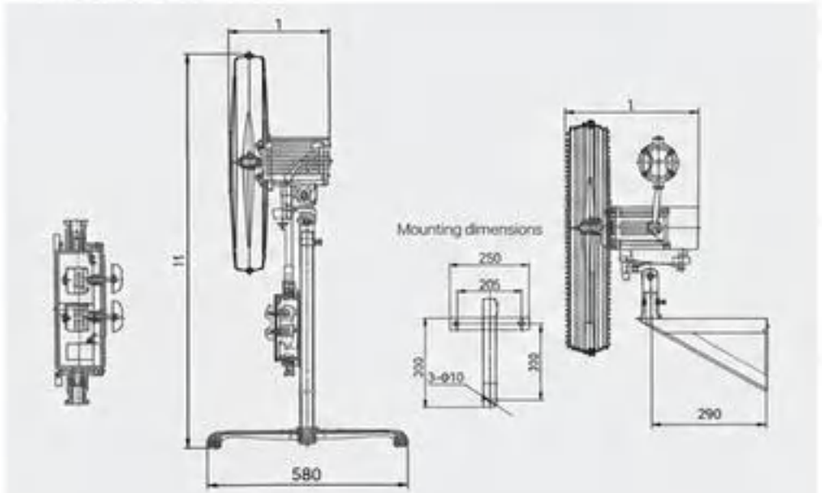
Technical Parameters

Model	Power (kw)	Airflow (m^3/h)	Speed (r/min)	Voltage (V)	
FB-500	0.37	6600	1450	220	380
FB-600	0.55	9600	1450	220	380
FB-750	0.75	18000	1450	220	380



Wall Mounted Type

Overall Dimensions



T35-11(BT35-11) Series Axial Flow Fans



Duct Mounted Type



Fixed Type



Portable Type

Application

T35-11(BT35-11) series axial flow fans are newly developed on the basis of T30-11, and also named T30-11 modified axial flow fans. They feature high efficiency, low noise, reduced vibration, and improved aerodynamic performance. The overall efficiency is 80% or more, noise (A-weighted sound pressure level) is 3.6 dB(A) lower than that of T30-11 of the same size, and can operate continuously in ambient temperatures not exceeding 60°C. Widely used in general factories, warehouses, offices, residential buildings and other places for ventilation. They can also be installed in series on long air ducts to increase duct static pressure, and can be used for simultaneous ventilation in multiple adjacent positions in the same direction, or for ventilation and air exchange in different rooms.

Model Meaning

BT	35	-	11	-	□
Explosion-proof axial fan	Impeller diameter	-	Design No.	-	Motor code

Structural Features

The impeller of this series of fans is a variable-pitch type, with a total of 12 blades, adjustable between 20°-25°-30°-35°. The impeller is made of high-strength aluminum alloy, with hub and blades integrally formed and treated by aging. The casing is made of high-quailty steel plate, with models 600-427 (inclusive) formed by spinning, and models above 630 welded from steel plates. The series of fans feature reasonable structure, high efficiency, low noise, and excellent aerodynamic performance.

Technical Parameters

Model	Speed (r/min)	Airflow (m^3/h)	Total Pressure (pa)	Power (kw)
T35-11-2.8	1450	1605	60	0.18
BT35-11-2.8	2900	3202	232	0.25
T35-11-3.15	1450	2273	74	0.25
BT35-11-3.15	2900	4545	373	0.37
T35-11-3.55	1450	3265	93	0.37
BT35-11-3.55	2900	6542	373	0.75
T35-11-4	1450	4687	119	0.37
BT35-11-4	2900	9336	474	1.1
T35-11-4.5	1450	6658	150	0.55
BT35-11-4.5	2900	9133	185	0.75
T35-11-5	1450			
BT35-11-5	2900	12812	232	1.1
T35-11-5.6	1450	18250	294	1.5
BT35-11-5.6	2950	19500	320	2.2
T35-11-6.3	1450	26120	373	3
BT35-11-6.3	2900	28732	410	4
T35-11-7.1	1450	17296	164	1.5
BT35-11-7.1	2900	37370	474	4
T35-11-8	1450	41107	497	5.5
BT35-11-8	2900	24739	208	2.2
	960	35227	263	3
T35-11-9	960	36988	276	4
BT35-11-9	960	38837	289	5.5
	960	40779	304	7.5
	960	48326	321	4
T35-11-10	960	50742	337	5.5
BT35-11-10	960	53279	353	7.5
	960	33279	353	7.5
T35-11-11.2	960	67892	407	7.5
BT35-11-11.2	960	74681	427	11

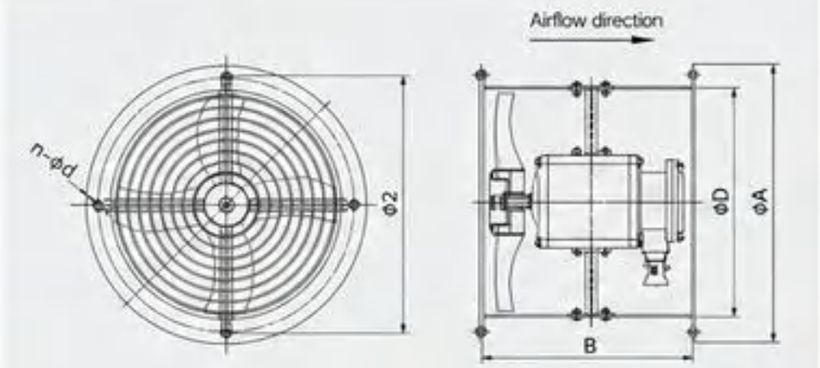
T35-11(BT35-11) Series Axial Flow Fans



Duct Type

Overall Dimensions

BT35-11 (Duct Type) Overall Dimensions



Model	ΦA (±5mm)	ΦB (±5mm)	Φ1 (±5mm)	Φ2 (±5mm)	n-φd (±5mm)	E (±5mm)	Fan blade number	Inlet/ outlet	Remarks
2.8	337	277	288	315	4-φ7	270	4	1/2	Double flange
3.15	368	277	319	347	4-φ7	305	4	1/2	Double flange
3.55	414	297	365	394	4-φ7	345	4	3/4	Double flange
4	455	297	405	433	4-φ7	385	4	3/4	Double flange
4.5	509	327	459	485	4-φ7	435	4	3/4	Double flange
5	558	327	506	533	4-φ7	480	4	3/4	Double flange
5.6	622	407	570	598	4-φ7	535	4	3/4	Double flange
6.3	659	407	608	634	4-φ7	590	4	3/4	Double flange
7.1	764	502	708	740	6-φ7.5	690	4	30°2	Double flange
8	869	504	815	840	6-φ7.5	775	4	30°2	Double flange
9	962	700	897	930	6-φ10	860	4	30°2	Double flange
10	1062	700	1000	1030	6-φ10	970	4	30°2	Double flange
11.2	1208	700	1140	1175	6-φ10	1065	4	30°2	Double flange

Fan Accessories



Stainless Steel Rain Cover



FRP Rain Cover



Rain-proof Shutter



Double Flange Type



Single Flange Type



Portable Type

FT35-11(FBT35-11) Series Axial Flow Fans

Application

FT35-11 series axial flow fans are developed based on the T35-11, with anti-corrosion treatment and made of corrosion-resistant FRP material. They are suitable for environments with corrosive gases, and are widely used in ventilation for chemical, electroplating, wastewater treatment, laboratories and other places. Compared with the T35-11, this series has excellent corrosion resistance, high strength, light weight and long service life. The FT35-11 can be used independently, or in series or parallel installation, and is compatible with T35-11.

Model Meaning

FT / FBT	35	-	11	-	□
Corrosion-resistant axial fan	Impeller diameter	-	Design No.	-	Motor code

Structural Features

The impeller of this series of fans is variable-pitch type, with a total of 12 blades, adjustable between 15°-20°-25°-30°-35°. The impeller is made of high-strength FRP, with the following models: 600-427 (inclusive) formed by injection molding, and the above models formed by hand lay-up. This series of fans features corrosion resistance, high strength, light weight and long service life, and is suitable for use in chemical, electroplating, environmental protection and other corrosive gas environments.

Technical Parameters

Model	Speed (r/min)	Airflow (m^3/h)	Total Pressure (pa)	Power (kw)
FT35-11-2.8	1450	1605	60	0.18
FBT35-11-2.8	2900	3202	232	0.25
FT35-11-3.15	1450	2273	74	0.25
FBT35-11-3.15	2900	4545	373	0.37
FT35-11-3.55	1450	3265	93	0.37
FBT35-11-3.55	2900	6542	373	0.75
FT35-11-4	1450	4687	119	0.55
FBT35-11-4	2900	9336	474	1.1
FT35-11-4.5	1450	6658	150	0.55
FBT35-11-4.5	2900	9133	185	0.75
FT35-11-5	1450	12812	232	1.1
FBT35-11-5	2900	18250	294	1.5
FT35-11-5.6	1450	19500	320	2.2
FBT35-11-5.6	2900	26120	373	3
FT35-11-6.3	1450	28732	410	4
FBT35-11-6.3	2900	17296	164	1.5
FT35-11-7.1	1450	37370	474	4
FBT35-11-7.1	2900	41107	497	5.5
FT35-11-8	1450	24739	208	2.2
FBT35-11-8	2900	35227	263	3
FT35-11-9 FBT35-11-9	960	36988	276	4
	960	38837	289	5.5
	960	40779	304	7.5
FT35-11-10 FBT35-11-10	960	48326	304	4
	960	48325	321	6
FT35-11-11.2 FBT35-11-11.2	960	50742	337	5.5
	960	53279	353	7.5
	960	67892	407	11

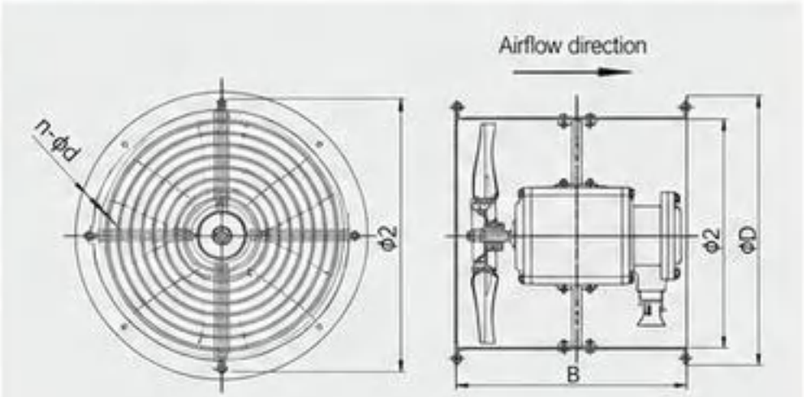
FT35-11(FBT35-11) Series Axial Flow Fans

Overall Dimensions



Double Flange Type

FT35-11(FBT35-11) Double Flange Type Overall Dimensions



Model	ΦA (±5mm)	ΦB (±5mm)	Φ1 (±5mm)	Φ2 (±5mm)	n-φd (±5mm)	E (±5mm)	Number of blades	Inlet/ outlet	Remarks
2.8	365	273	295	315	4-φ8	270	6	1/2	Double flange
3.15	405	282	330	347	4-φ8	305	6	1/2	Double flange
3.55	440	322	370	394	4-φ8	340	6	3/4	Double flange
4	485	352	410	433	4-φ8	390	6	3/4	Double flange
4.5	540	335	470	480	4-φ8	440	6	3/4	Double flange
5	590	375	513	533	4-φ8	490	6	3/4	Double flange
5.6	650	426	575	598	4-φ8	550	8	3/4	Double flange
6.3	715	458	640	740	4-φ8	610	8	3/4	Double flange
7.1	810	490	725	840	6-φ8	690	8	30*2	Double flange
8	900	533	810	930	6-φ8	780	8	30*2	Double flange
9	1000	670	915	1030	6-φ8	880	8	30*2	Double flange
10	1110	735	1015	1175	6-φ8	980	8	30*2	Double flange
11.2	1233	720	1138	1090	6-φ8	1090	4	30*2	Double flange

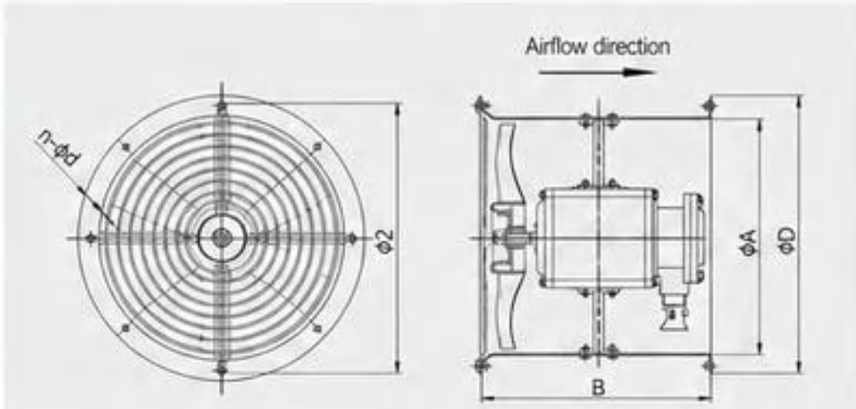
FT35-11(FBT35-11) Series Axial Flow Fans

Overall Dimensions



Single Flange Type

FT35-11(FBT35-11) Single Flange Type Overall Dimensions



Model	ΦA (±5mm)	ΦB (±5mm)	Φ1 (±5mm)	Φ2 (±5mm)	n-φd (±5mm)	E (±5mm)	Number of blades	Inlet/ outlet	Remarks
2.8	355	258	280	345	4-φ8	270	6	1/2	Single flange
3.15	400	283	315	380	4-φ8	305	6	1/2	Single flange
3.55	450	328	355	420	4-φ8	340	6	3/4	Single flange
4	500	350	404	480	4-φ8	390	6	3/4	Single flange
4.5	582	315	455	530	4-φ8	440	6	3/4	Single flange
5	630	356	502	585	4-φ8	490	6	3/4	Single flange
5.6	710	403	565	645	4-φ8	550	8	3/4	Single flange
6.3	800	475	635	720	6-φ8	610	8	3/4	Single flange

SF Series Low Noise Axial Flow Fans



Duct Type



Fixed Type



Portable Type

Application

SF series low noise axial flow fans adopt advanced aerodynamic design and low noise motor, featuring large air volume, stable operation, low noise, light weight, high efficiency, and beautiful appearance. They are widely used in industrial plants, civil buildings, mining, metallurgy, machinery, chemical industry, medicine, electric power, transportation, food and other ventilation and air exchange systems.

Model Meaning

SF	4	-	4
Low noise axial flow fan	Impeller diameter (4 means 400mm)	-	Motor poles 2 poles 2900 r/min 1450 6 poles 960 r/min 720

Technical Parameters

Model (No.)	Speed (r/min)	Airflow (m^3/h)	Total Pressure (Pa)	Power (kW)
2-4	1450	600	20	0.06
2-2	2800	1300	140	0.12
2.5-4	1450	1000	35	0.09
2.5-2	2800	2100	215	0.25
3-4	1450	2000	59	0.12
3-2	2800	3000	230	0.37
3.5-4	1450	3000	78	0.25
3.5-2	2800	6000	260	0.75
4-4	1450	5870	167	0.55
4-2	2800	11000	320	1.5
5-4	1450	10000	200	0.75
5-2 (380V)	2800	13800	300	2.2
5-2 (220V)	2800	13800	300	2.2
6-4 (320V)	1450	18700	300	2.2
6-4 (220V)	1450	18700	300	2.2
7-4	1450	24500	350	3
8-4	1450	28000	380	4
9-6	960	34000	200	4
10-6	960	50000	260	5.5

Fan Accessories



Stainless Steel Rain Cover



FRP Rain Cover



Rain-proof Shutter

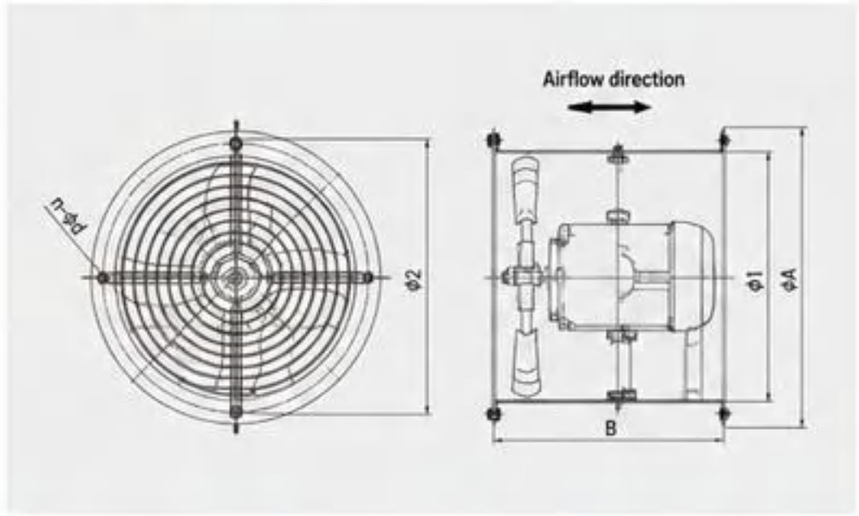
SF Series Low Noise Axial Flow Fans



Duct Type

Overall Dimensions

SF (Duct Type) Overall Dimensions



Model	φA (±5mm)	φB (±5mm)	φ1 (±5mm)	φ2 (±5mm)	n-φd (±5mm)	E (±5mm)	Number of blades	Inlet/ outlet	Remarks
2.8	258	235	214	233	4-φ7	193	4	1/2	Double flange
2.5#	304	235	260	282	4-φ7	240	6	1/2	Double flange
3#	360	235	307	332	4-φ7	290	6	3/4	Double flange
3.5#	420	323	367	390	4-φ7	349	6	3/4	Double flange
4#	469	323	415	443	6-φ7	390	4	3/4	Double flange
5#	573	323	516	541	6-φ7	490	4	3/4	Double flange
6#	670	458	610	639	6-φ7	580	4	3/4	Double flange
7#	764	502	708	740	6-φ7.5	665	4	3/4	Double flange
8#	869	504	815	840	6-φ7.5	772	4	3/4	Double flange
9#	962	700	897	930	6-φ10	860	4	3/4	Double flange
10#	1062	700	1030	1090	6-φ10	970	4	3/4	Double flange

BDZ Series Low Noise Axial Flow Fans



Duct Type



Portable Type

Application

BDZ series low noise axial flow fans are widely used in industrial and civil buildings such as factories, warehouses, tunnels, underground facilities, substations, and high-rise buildings, as well as in industries including chemical, light industry, food, medicine, metallurgy, etc.

This series of fans adopts imported low-noise aerofoil blades, optimized hub design and high-efficiency motor, featuring large air volume, low noise, stable operation, compact structure and attractive appearance. It can be used for general ventilation, air exchange and exhaust in various places.

Model Meaning

B	D	Z	-	□	□	A
Explosion-proof	Low noise	Axial flow fan	-	Design No.	Impeller diameter	Blade angle

Technical Parameters

Installation Type	Model	Motor No.	Airflow (m^3/h)	Total Pressure (Pa)	Speed (r/min)	Motor Power (kW)	Noise dB(A)
Wall Mounted Type	BDZ-11	2.2C	400	29	1450	0.18	54
		3C	1600	39	1450	0.25	63
		4B	4000	98	960	0.25	64
		4C	5200	149	1450	0.55	66
		5A	6000	78	720	0.25	64
		5B	7000	112	960	0.37	70
		5C	7500	177	1450	0.75	75
		6A	9500	88	720	0.55	69
		7A	15000	137	720	1.1	72
		8A	22000	157	720	1.5	77
Portable Type	BDZ-12	2.2C	400	29	1450	0.18	56
		3C	1600	39	1450	0.25	61
		4B	4000	98	960	0.25	64
		4C	5200	149	1450	0.55	70
		5A	6000	78	720	0.25	64
		5B	7000	112	960	0.37	69
		6A	9500	88	720	0.55	69
		6B	14000	196	960	1.1	77
		7A	14500	137	720	1.1	71
		7B	22000	196	960	2.2	78
		7C	25000	294	1450	3	81
		8A	23000	147	720	1.5	77
Duct Type	BDZ-13	2.5D	2000	205	2900	0.18	77
		3C	1600	39	1450	0.25	61
		3.2D	3000	207	2900	0.37	78
		4B	3900	98	960	0.25	64
		4C	5000	149	1450	0.55	69
		5B	5500	112	960	0.37	70
		5C	7000	177	1450	0.75	75
		6B	10000	196	960	1.1	77
		6C	15000	294	1450	2.2	80
		7A	14000	137	720	1.1	72
		7B	18000	206	960	2.2	79
		7C	20000	343	1450	3	81
		8A	20000	157	720	1.5	76
		8C	28000	394	1450	4	81
		10A	38000	216	720	3	81
		10B	48500	306	960	5.5	85

BDZ Series Low Noise Axial Flow Fans



Overall Dimensions

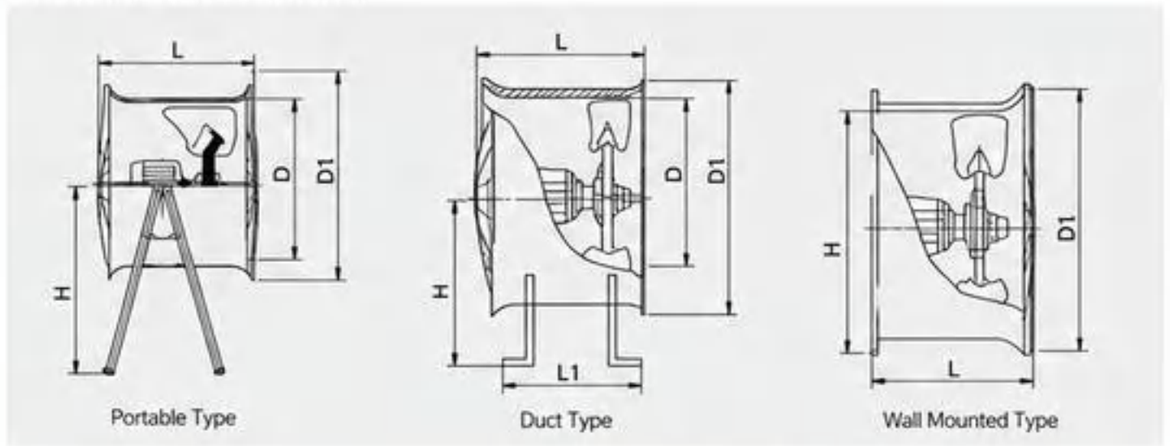
Portable Type Dimensions

Model	D	D1	L	H
3	305	370	280	630
4	405	470	350	630
5	505	570	350	630
6	610	670	530	915
7	710	770	530	915
8	810	890	560	915
9	910	990	560	1000
10	1010	1100	580	1000

Duct Type Dimensions

Model	D	D1	L1	L	H
3	305	360	240	260	215
4	405	460	300	330	270
5	505	560	300	330	320
6	610	660	450	480	380
7	710	760	460	500	430
8	810	880	460	500	490
9	910	980	460	500	535
10	1010	1090	540	580	595

BDZ Series Overall Dimensions



Wall Mounted Type Dimensions

Model	D	D1	L
2.2	225	290	260
3	305	370	260
3.2	320	390	280
4	405	470	330
5	505	570	330
6	610	670	480
7	710	770	500
8	810	870	500
10	1010	1100	580

Duct Type Dimensions

Model	D	D1	L
2.2	225	290	260
2.5	255	320	260
3	305	370	260
3.2	320	390	280
4	405	470	330
5	510	570	330
6	610	670	480
7	710	770	500
8	810	890	500
10	1010	1090	580

XBDZ(DFBZ) Low Noise Square Wall Axial Fan



Square Wall Axial Fan

Application

XBDZ(DFBZ) low noise square wall axial fans feature high efficiency, low noise, stable operation and attractive appearance. The impellers are made of high-strength aluminum alloy, widely used in industiral and mining enterprises, civil buildings, workshops, warehouses, kitchens, laboratories and other ventilation and air exchange systems.

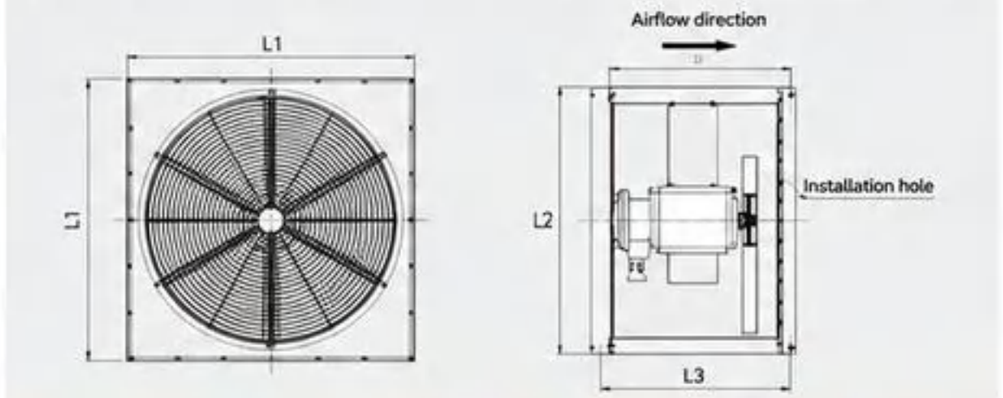
The external louver can prevent the inflow of rainwater and natural wind. The fan can be installed on the exterior wall or inside the wall. It features simple installation, stable operation, low vibration and low noise.

Model Meaning

XB	DZ	-	□
Square wall type	Low noise axial fan		Model No.

Overall Dimensions

XBDZ(DFBZ) Overall Dimensions



Model	L1 Installation size (±5MM)	L2 Installation hole size (±5MM)	L3 Fan casing width (±MM)
XBDZ-2.5#	340	400	315
XBDZ-2.8#	370	430	315
XBDZ-3.2#	390	450	315
XBDZ-3.6#	430	490	345
XBDZ-4.0#	475	535	345
XBDZ-4.5#	530	590	365
XBDZ-5.0#	580	640	365
XBDZ-5.6#	650	710	345
XBDZ-6.3#	690	750	345
XBDZ-7.1#	800	860	445
XBDZ-8.0#	885	945	545

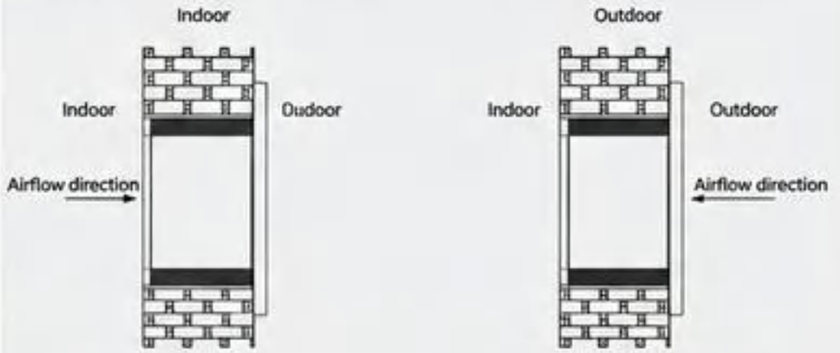
XBDZ(DFBZ) Low Noise Square Wall Axial Fan



Square Wall Axial Fan

Installation Dimensions

XBDZ(DFBZ) Installation Diagram



Performance Parameters

Model (No.)	Installation sise L×H (mm)	Airflow (m^3/h)	Total Pressure (Pa)	Power (kW)	Speed (r/min)	Noise dB(A)
2.5 340×340	600	40	0.025	1450	1450	≤ 57
	800	42	0.025	1450	1450	≤ 58
	1000	64	0.04	1450	1450	≤ 58
2.8 370×370	950	41	0.04	1450	1450	≤ 55
	1230	45	0.04	1450	1450	≤ 60
	1650	58	0.06	1450	1450	≤ 60
3.2 390×390	1720	56	0.04	1450	1450	≤ 61
	1940	62	0.06	1450	1450	≤ 62
	2250	68	0.09	1450	1450	≤ 63
3.6 430×430	2010	65	0.06	1450	1450	≤ 62
	2480	73	0.09	1450	1450	≤ 63
	3370	76	0.12	1450	1450	≤ 63
4 475×475	3540	89	0.12	1450	1450	≤ 62
	4080	95	0.18	1450	1450	≤ 63
	4470	109	0.25	1450	1450	≤ 63
4.5 530×530	4510	114	0.18	1450	1450	≤ 64
	5870	121	0.25	1450	1450	≤ 65
	6360	139	0.37	1450	1450	≤ 66
5 580×580	6170	135	0.25	1450	1450	≤ 65
	6920	142	0.37	1450	1450	≤ 66
	7890	147	0.55	1450	1450	≤ 68
5.6 650×650	6400	78	0.37	960	960	≤ 69
	7410	82	0.37	960	960	≤ 69
	8060	94	0.37	960	960	≤ 70
6.3 690×690	9760	92	0.37	960	960	≤ 70
	10570	102	0.37	960	960	≤ 70
	12000	118	0.75	960	960	≤ 72
7.1 800×800	12400	132	0.3	960	960	≤ 72
	13430	146	1.1	960	960	≤ 75
	15240	169	1.1	960	960	≤ 73
8 885×885	17050	208	1.5	960	960	≤ 73
		242	2.2	960	960	≤ 74

WEX(DWEX) Series Side Wall Ventilation and Exhaust Fans



Side Wall Ventilation and Exhaust Fan

Application

WEX (DWEX) series side wall ventilation and exhaust fans adopt advanced arrodynamic blade design, driven directly by a low-noise motor. They are installed on the side wall and discharge air horizontally. The air volume is large, with low noise, stable operation, high efficiency, beautiful appearance and easy installation. They are widely used in factories, warehouses, civil buildings, kitchens, laboratories and other ventilation and exhaust systems.

WEX (DWEX) series fans can be equipped with a rainproof louver (inclined 45° louver) and bird screen as required (one side for indoor view and one side for outdoor view). They can also be provided with a 90° louver and bird screen (one side for indoor view and one side for outdoor view).

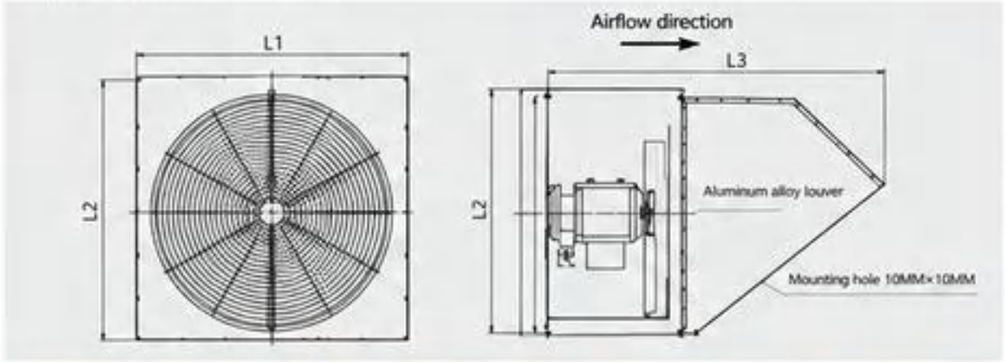
Accessories: counterweight louver device (to ensure the louver can be opened and closed normally without being affected by outdoor wind pressure).

Model Meaning

WEX	-	D / E	4 / 6
Side wall exhaust fan	-	380V / 220V	1450 r/min / 960 r/min

Overall Dimensions

WEX(DWEX) Overall Dimensions



Model	L1 Installation size (±5MM)	L2 Installation hole size (±5MM)	L3 Fan casing width (±5MM)
WEX-250	340	400	561
WEX-300	370	430	582
WEX-350	430	490	654
WEX-400	475	535	734
WEX-450	530	590	805
WEX-500	580	640	856
WEX-550	650	710	981
WEX-600	690	750	1023
WEX-650	740	800	1074
WEX-700	800	860	1135
WEX-750	840	900	1184
WEX-800	885	945	1244
WEX-900	1030	1150	1423

WEX(DWEX) Series Side Wall Ventilation and Exhaust Fans



Side Wall Ventilation and Exhaust Fan

Performance Parameters

Model	Airflow (m^3/h)	Static Pressure (Pa)	Motor Power (kW)	Speed (r/min)	Voltage (V)
WEX-250D4	1500	40	1.20	1420	380
WEX-250E4	1500	40	0.09	1400	220
WEX-300D4	1800	60	0.18	1400	380
WEX-300E4	1600	60	0.18	1380	220
WEX-350D4	3000	80	0.25	1380	380
WEX-350E4	2800	80	0.25	1360	220
WEX-400D4	5200	140	0.37	1400	380
WEX-400E4	5000	140	0.37	1400	220
WEX-450D4	7800	160	0.55	1400	380
WEX-450E4	6300	160	0.55	1400	220
WEX-500D4	9200	200	0.75	1450	380
WEX-500E4	9000	200	0.75	1450	220
WEX-500D6	7600	80	0.25	960	380
WEX-550D4	13000	230	1.1	1450	380
WEX-550E4	13000	230	1.1	1450	220
WEX-550D6	9000	100	0.37	960	380
WEX-600D4	18000	280	1.5	1450	380
WEX-600D6	12000	120	0.55	960	380
WEX-650D6	16500	150	0.75	960	380
WEX-700D6	19000	180	1.1	960	380
WEX-750D6	22500	210	1.5	960	380
WEX-800D6	25000	230	2.2	960	380
WEX-900D6	34000	260	3	960	380

SFT Portable Safe Axial Fan



Portable Safe Axial Fan

Application

SFT portable axial fans are safe, reliable, easy to use, high efficient, compact and lightweight, and convenient to move. They are widely used for ventilation in places such as manholes, basements, boilers, tanks, ships, cars and industrial confined spaces. Ducts of various lengths can be connected to extend the ventilation distance. To use, quickly connect one end of the duct to the fan outlet, and insert the other end into the confined space to introduce fresh air.

Model Meaning

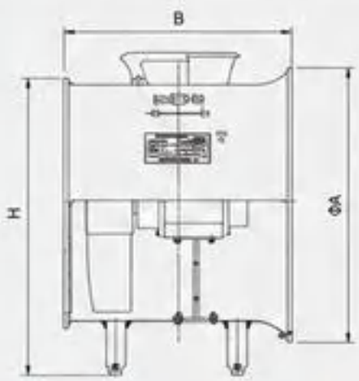
SFT	-	□
Portable axial fan	-	Impeller diameter



PVC Flexible Duct

Technical Parameters and Installation Dimensions

Specification (mm) (mm)	Impeller diameter diameter (mm)	Airflow (m^3/h)	Static Pressure (Pa) (Pa)	Speed (r/min)	Frequency (Hz)	Power (kW)
200	190	1500-2100	250-420	2800	50/60	0.15
250	240	2700-3300	300-450	2800	50/60	0.25
300	290	3720-3300	350-500	2800	50/60	0.37
350	340	4840-5840	550-600	2800	50/60	0.55
400	390	5860-6840	750-800	2800	50/60	0.9
500	490	6800-10000	185-200	1450	50/60	0.75



Model	A Air outlet (mm)	B Overall length (mm)	H Overall height (mm)	F Fan base width (mm)	Duct diameter (mm)
SFT-200	269	345	306	239	210
SFT-250	329	336	373	292	261
SFT-300	365	340	405	333	306
SFT-350	436	368	471	394	364
SFT-400	470	370	511	434	406
SFT-500	575	468	628	539	507

BSFT Explosion-proof Portable Axial Flow Fan



Explosion-proof Portable Axial Flow Fan

Application

BSFT explosion-proof portable axial flow fans are suitable for ventilation in environments with explosive gas atmospheres of Class II A and II B, such as T1–T4 temperature classes. They are widely used in chemical, petrochemical, petroleum, shipbuilding and other industries. The product is explosion-proof with marking Exd II BT4.

Model Meaning

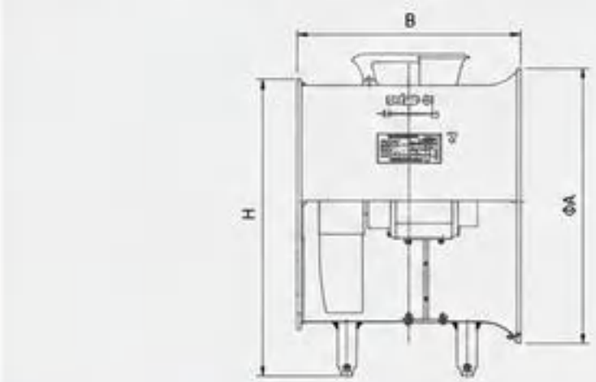
B	SFT	-	□
Explosion-proof	Portable axial fan	-	Impeller diameter



PVC Flexible Duct

Technical Parameters and Installation Dimensions

Specification (mm) (mm)	Impeller diameter diameter (mm)	Airflow (m^3/h)	Static Sressure (Pa) (Pa)	Speed (r/min)	Frequency (Hz)	Power (kW)
200	190	1500-2100	250-420	2800	50/60	0.15
250	240	2700-3300	300-450	2800	50/60	0.25
300	290	3720-3300	350-500	2800	50/60	0.37
350	340	4840-5840	550-600	2800	50/60	0.55
400	390	5860-6840	750-800	2800	50/60	0.9
500	490	6800-10000	185-200	1450	50/60	0.75



Model	A Air outlet (mm)	B Overall length (mm)	H Overall height (mm)	F Fan base width (mm)	Duct diameter (mm)
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BSFT-500	575	468	628	539	507

DWT-I (BDWT) Fiberglass Axial Flow Roof Fan



Explosion-proof Roof Fan



Explosion-proof Roof Fan

Application

The DWT (BDWT) series fiberglass axial flow roof fans are developed on the basis of the DWT series to meet higher corrosion resistance requirements. The DWT-I (BDWT) type fiberglass axial flow roof fan features low pressure, large airflow, low noise, and a compact structure. It is suitable for ventilation in places with low corrosive gas environments, and can also be used in workshops, basements, boilers, tanks, ships and other locations for genreal ventilation and exhaust.

The DWT-II, DWT-III, DWT-IV, DWEX models can be made as explosion-proof type.

The DWT-I (BDWT) series has the advantages of light weight, high strength, beautiful appearance, easy installation, stable operation, etc. It can effectively remove indoor stale air and maintain fresh air in the room.

Scope of Application

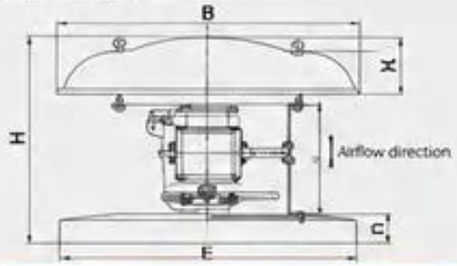
This series of products can be used for ventilation on the roof of industrial and civil buildings where corrosive gases are generated. It is suitable for environments with an air volume of 1450–175000 m³/h and a total pressure of 62–287Pa. It features high efficiency, light weight, low noise, and good corrosion resistance.

Main Features:

Impeller: made of fiberglass, with high strength, corrosion resistance and beautiful appearance.
Casing: made of fiberglass, lightweight, high strength and long service life.
Base: made of fiberglass, with high strength and easy installation.
Louver: made of fiberglass, strong and durable, with long service life.
Air outlet: equipped with self-opening louver to prevent backflow when the fan stops, and reduce rain, snow and foreign matter from entering.
Motor: adopts low-noise motor, with stable operation and reliable performance.

Overall Dimensions

DWT-I (BDWT) Overall Dimensions



Model	A	B	C	D	E	F	H	Connecting bolt
3	140	580	280	60	530	200	560	M12×200
3.5	150	670	350	60	590	220	620	M12×200
4	150	670	360	60	660	220	620	M12×200
5	170	900	380	60	780	240	700	M12×200
5.5	180	1000	400	60	830	250	720	M12×200
6	180	1000	400	60	890	250	720	M12×200
7	190	1220	440	60	1030	270	770	M12×200
8	260	1340	440	80	1130	330	850	M12×200
9	290	1500	520	80	1280	370	1080	M12×300
10	330	1650	550	80	1440	420	1080	M12×300
11.2	380	1800	580	80	1580	470	1260	M12×300
12	380	1800	580	80	1700	470	1900	M12×300

Note: H dimension = C+D+F+30 (or C+D length +80, 130 or other adjustable value)
200 length add 30, 250 length add 80, 300 length add 130

BSFT Explosion-proof Portable Axial Flow Fan



Explosion-proof Roof Fan



Explosion-proof Roof Fan

Technical Parameters

DWT-I (BDWT) Type Axial Flow Roof Fan

Model	Power (kW)	Total Pressure (Pa)	Airflow (m³/h)	Speed (r/min)
3#	0.25-4	60	1784	1420
3#	0.37-2	232	3202	1400
4#	0.55-4	119	4800	1400
4#	1.1-2	474	9336	1380
5#	0.75-4	185	9300	1380
6#	1.5-4	294	16025	1360
6#	1.1-6	193	11000	1400
7#	2.2-4	373	20350	1400
7#	1.5-6	212	14500	1400
8#	3.0-4	474	25200	1400
8#	2.2-6	248	21000	1400
9#	3-6	263	34340	1450
10#	4-6	321	42500	1450
10#	3-8	217	34000	1450
11.2#	5.5-6	347	46000	1450
11.2#	3-8	218	40000	1450
12#	5.5-8	239	54000	960
14#	7.5-8	268	68000	960
15#	11-8	308	74000	960

YWF Series External Rotor Axial Flow Fans (Wire Guard Type)



Wire Guard Type

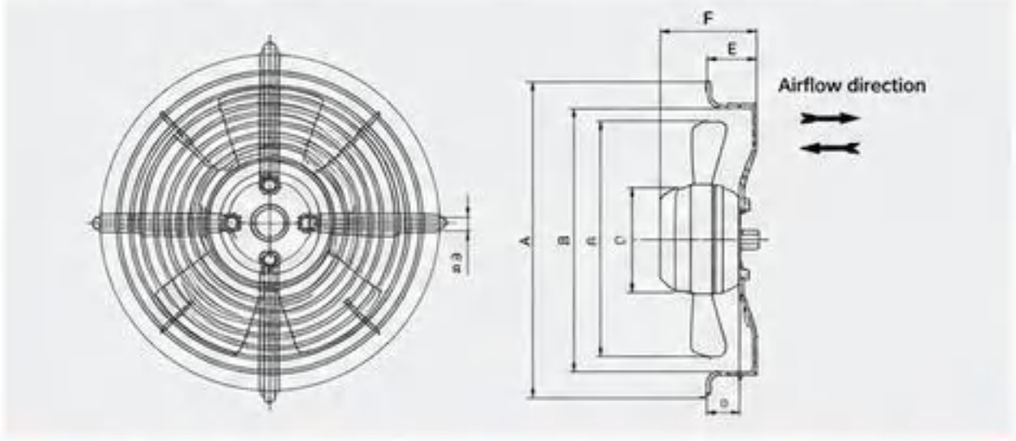
Overview

The YWF series external rotor axial flow fans are new products developed by combining advanced technologies at home and abroad with our company's development capabilities and many years of experience. They feature high efficiency, low noise, compact structure, light weight, low vibration, stable operation, attractive appearance, etc. With the characteristics of small installation size, they can directly replace old products and are widely used in industrial equipment such as refrigeration, air conditioning, ventilation, and heat exchange.

Model Description

YWF	4	E	-	400	S	-	5	L	G
Axial fan	Motor poles	Motor type D: three-phase E: single-phase	-	Impeller diameter (mm)	Blade type S: serrated B: flat	-	Number of blades	Airflow direction L: blowing F: suction	G: guard type A: standard FA: square guard FG: round guard W: without guard H: floor type

Overall Dimensions



Model	A	B	C	D	E	F	a
200	270	225	200	92	50	92	4
250	320	275	250	92	70	92	4
300	360	335	300	92	80	102	4
350	420	385	353	102	80	112	5
400	470	430	400	102	90	125	5
450	525	485	450	102	90	138	5
500	570	530	500	138	90	140	6
550	630	590	550	138	90	155	7
600	680	630	600	138	100	175	7
630	740	660	630	138	95	175	7

YWF Series External Rotor Axial Flow Fans



Wire Guard Type

Technical Parameters

Model	Rated Voltage (V)	Frequency (Hz)	Rated Current (A)	Input Power (kW)	Speed (r/min)	Airflow (m^3/h)
YWF2D-200	380	50	0.25	75	2700	1080
YWF2E-200	220	50	0.30	73	2650	1050
YWF4E-200	220	50	0.20	40	1450	750
YWF4D-200	380	50	0.23	45	1450	750
YWF2D-250	380	50	0.35	105	2650	1850
YWF2E-250	220	50	0.45	100	2650	1800
YWF4D-250	380	50	0.23	55	1450	1250
YWF4E-250	220	50	0.30	60	1440	1230
YWF2D-300	380	50	0.43	160	2650	3250
YWF2E-300	220	50	0.80	170	2650	3300
YWF4D-300	380	50	0.25	90	1400	1950
YWF4E-300	220	50	0.35	90	1400	1950
YWF2E-350	220	50	1.22	380	2600	4950
YWF4D-350	380	50	0.45	130	1400	3270
YWF4E-350	220	50	0.55	125	1400	3270
YWF2D-400	380	50	0.85	500	2550	6480
YWF2E-400	220	50	2.10	430	2550	6080
YWF4D-400	380	50	0.60	200	1400	4800
YWF4E-400	220	50	0.90	190	1400	4800
YWF2D-450	380	50	0.53	230	1390	5410
YWF2E-450	220	50	1.25	240	1380	5380
YWF6D-450	380	50	0.42	400	950	4650
YWF6E-450	220	50	0.85	230	950	4650
YWF2D-500	380	50	1.10	420	1390	8850
YWF2E-500	220	50	1.75	400	1390	8850
YWF6D-500	380	50	0.90	250	950	5800
YWF6E-500	220	50	1.15	230	950	5800
YWF2D-550	380	50	1.30	565	1350	10800
YWF2E-550	220	50	2.70	580	1350	10800
YWF6D-550	380	50	0.87	330	950	6500
YWF6E-550	220	50	1.60	330	950	6500
YWF2D-600	380	50	3.50	730	1380	13000
YWF2E-600	220	50	1.50	500	930	9600
YWF6D-600	380	50	2.20	550	900	9500
YWF6E-600	220	50	1.85	800	1300	15000
YWF2D-630	380	50	3.70	780	1300	15000

G Series Variable Frequency Motor Fan



Axial Fan



Axial Fan with Housing

Overview

The G series variable frequency motor fans are developed based on advanced domestic and foreign technologies, combined with our company's extensive experience and technical strengths. They offer high efficiency, low noise, light weight, stable operation and attractive appearance. The products are widely used in refrigeration, ventilation, heat exchange and various industrial equipment, and can replace similar imported products.

Model Description

G	-	132	A	3
Product code (G series variable frequency motor fan)	-	Motor model (frame number)	Design code A: standard type B: high air volume type C: high pressure type D: MS motor special type	Description 1: single phase 2: two phase 3: three phase

Operating Conditions

Altitude: not more than 1000 m; Ambient temperature: -10°C ~ +35°C;
Relative humidity: ≤ 90%; Working duty: S1;
Protection class: IP54 or IP55.

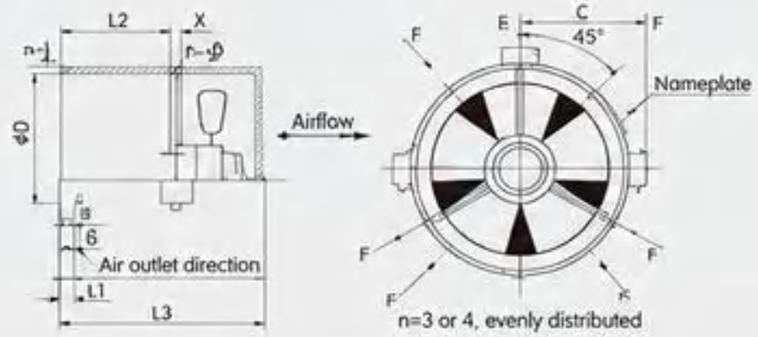
Maintenance

Ensure the motor insulation is in good condition and free from moisture, and the fan operates evenly without abnormal noise. The fan should be inspected regularly, the blades kept clean, and the fasteners checked for looseness. If abnormal vibration or noise is found, stop the fan immediately for inspection. When operating in harsh environments, clean the blades regularly to ensure optimal performance. Ambient temperature should be kept between -10°C and +35°C, and relative humidity ≤ 70%. Avoid corrosive gases and dust in the air.

Quality Assurance

Under normal use and storage conditions, the product is guaranteed for one year from the date of leaving the factory. If any quality problems occur due to manufacturing reasons within the warranty period, our company will provide free repair or replacement. Damage caused by improper use is not covered by the warranty.

Overall Dimensions





Axial Fan



Axial Fan with Housing

G Series Variable Frequency Motor Fan

Main Technical Parameters

Model	Rated Voltage (V)	Frequency (Hz)	Power (kW)	Rated (kW)	Rated (r/min)	Speed (r/min)	Airflow (m³/h)	Static Pressure (Pa)	Noise dB(A)	Protection Class
G-63A	68-22.5	380	50	0.075	75	2800	300	40	62	IP54
G-71A	68-22.5	380	50	0.08	73	2800	300	50	62	IP54
G-80A	68-22.5	380	50	0.08	40	2800	330	60	62	IP54
G-90A	68-22.5	380	50	0.086	45	2800	500	80	65	IP54
G-100A	92-17	380	50	0.176	105	2750	660	80	67	IP54/IP55
G-112A	92-17	380	50	0.18	100	2600	900	80	67	IP54/IP55
G-132A	92-24	380	50	0.2	55	1400	780	35	69	IP54/IP55
G-160A	92-32	380	50	0.26	80	1390	1300	40	72	IP54/IP55
G-180A	92-32	380	50	0.26	130	1330	1300	55	72	IP54/IP55
G-200A	92-32	380	50	1.50	160	1330	2400	65	72	IP54/IP55
G-225A	102-48	380	50	0.37	170	1430	4200	70	74	IP54/IP55
G-250A	102-55	380	50	0.4	90	1420	4200	80	75	IP54/IP55
G-280A	102-55	380	50	0.56	380	1360	5000	85	78	IP54/IP55
G-315A	138-48.5	380	50	0.78	1300	1300	5000	110	81	IP54
G-355A	138-65/0.6-4	380	50	10/19	900/1350	6500	6500	80/150	85	IP54
G-400A	11-4	380	50	3.05	1350	7000	150	150	90	IP54
G-450A	2.2-4	380	50	5.86	1380	8000	180	180	90	IP54
G-500A	3-4	380	50	7.79	1380	10000	200	90	90	IP54

Dimension Parameters

Model	ΦD	L1	L2	X	L3	δ	A	B	n	C
G-63A	121+10	10±1	35±3	7	125	1	10	6	3	115
G-71A	163	12.5±1	35±3	7	125	1.2	10	6	3	120
G-80A	155	15.0±1	50±3	7	137	1.2	10	6	3	130
G-90A	175	15.0±1	55±3	7	142	1.2	10	6	3	140
G-100A	193	15.0±1	55±3	10	155	1.2	12	7	3	151
G-112A	217	17.0±1	55±3	10	155	1.2	12	7	3	163
G-132A	258	17.0±1	60±3	10	165	1.2	12	7	3	182
G-160A	314	20.0±1	92±5	10	210	1.5	12	7	4	210
G-180A	352	35.0±1	118±5	10	230	1.5	12	7	4	231
G-200A	393	40.0±1	130±5	10	255	1.5	12	7	4	252
G-225A	443	45.0±1	141±5	12	295	2	15	9	4	276
G-250A	482	55.0±1	158±5	12	315	2	15	9	4	296
G-280A	546	65.0±1	167±5	12	330	2	15	11	4	362
G-315A	614	75.0±1	185±5	20	380	2	20	11	4	398
G-355A	694	82.0±1	195±5	20/40	400/480	2.5	20	13	4	437
G-400A	796	145±1	330±5	40	510	3	20	13	4	485
G-450A	884	162±1	350±5	40	610	3	28	14	4	533
G-500A	985	180±1	360±5	40	686	3	30	15	4	584