



Centrifugal blower

catalog

JIANGSU YUANDONG SHUANGCHENG FAN CO.,LTD.

Specification and Structural Characteristic

1.1 The decimeter of blower impeller diameter is the blower model, indicated in the Arabic numerals. The letter after the blower model indicates the transmission direction of the blower. The transmission modes are generally as follows:

“A” type: indicates direct joint with the motor (the impeller is installed on the motor axis)

“C” type: indicates blower cantilever, strap wheel transmits in the axis outside.

“D” type: indicates blower cantilever, with support and joint axis transmission.

1.2 The blower rotates in left and right directions as: facing the impeller clockwise is right, contrarily is left.

1.3 The wind hole direction is generally made 90 degrees. For customer's special requirement, specify in the order (See Figure 1 for various wind hole angles)

Facing form one end of the blower to get the following view

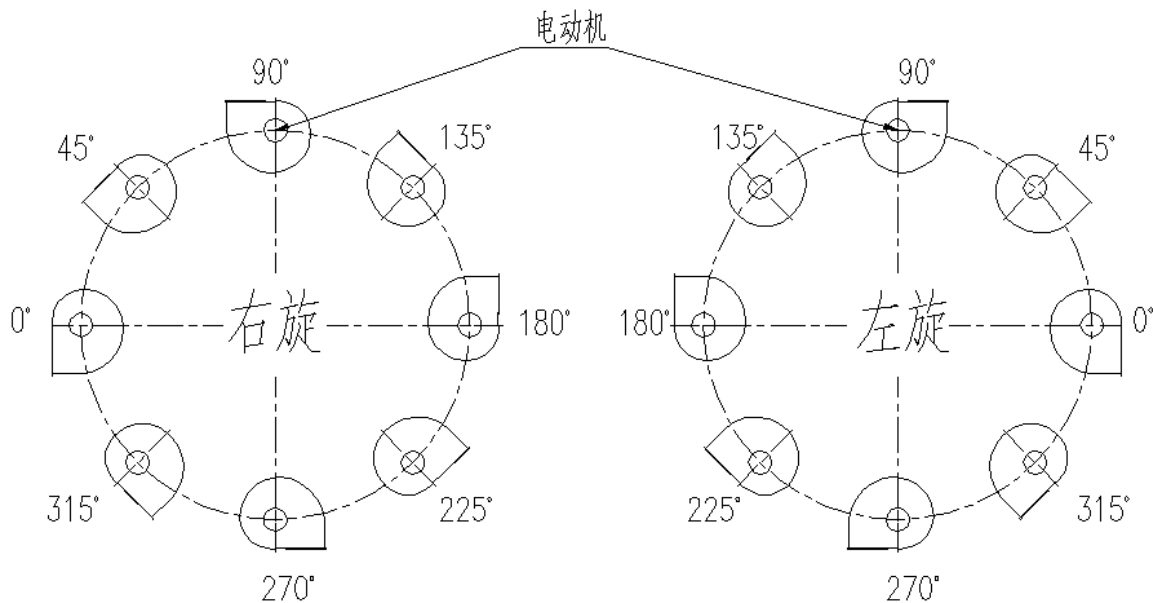


图 1

For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

1.4 The blower mainly consists of impeller, hull, wind ring, axis base and other components. The impeller consists of curvilinear hubcap, vane and direct board turntable, qualified of silent and moving balance emendation. The axis base adopts ball bearing, using calcium grease for lubrication.

The Performance of Blower

2. 1 See the performance chart for the blower's performance

2. 2 Motor Power needed in every work condition in the performance chart:

$$N = \frac{P * Q}{102 * \eta * 3600} * K (kW)$$

in the formula:

Q----- flux (m³/h)

N----- motor Power (kW)

P----- full pressure (mmH₂O)

η -----full pressure efficiency

η_m----- mechanic efficiency is 1 in “A” type and 0.96 in “C” type.

K----- Safety factor of motor Flux: K=1.2 for 2-5kW, and K=1.15 for more than 5kW.

2. 3、The attached performance parameter chart is the performance parameter of the blower at certain rotating speed and under the normal status. If the rotating speed, impeller diameter or gas density get changed, then the conversion formula of the performance parameter is as follows:

换算条件 换算工式 conversion condition conversion formula 项目 project	$D_2 \neq D_2 m$ $n \neq n m$ $\rho \neq \rho m$	$D_2 = D_2 m$ $n = n m$ $\rho \neq \rho m$	$D_2 = D_2 m$ $n \neq n m$ $\rho = \rho m$	$D_2 \neq D_2 m$ $n = n m$ $\rho = \rho m$
压力换算 pressure conversion	$\frac{P}{P_m} = \frac{\rho}{\rho_m} \left(\frac{D_2}{D_{2m}} \right)^2 \left(\frac{n}{n_m} \right)^2$	$\frac{P}{P_m} = \frac{\rho}{\rho_m}$	$\frac{P}{P_m} = \left(\frac{n}{n_m} \right)^2$	$\frac{P}{P_m} = \left(\frac{D_2}{D_{2m}} \right)^2$
流量换算 flux conversion	$\frac{Q}{Q_m} = \left(\frac{D_2}{D_{2m}} \right)^3 \frac{n}{n_m}$	$Q = Q_m$	$\frac{Q}{Q_m} = \frac{n}{n_m}$	$\frac{Q}{Q_m} = \left(\frac{D_2}{D_{2m}} \right)^3$
功率换算 power conversion	$\frac{N}{N_m} = \frac{\rho}{\rho_m} \left(\frac{D_2}{D_{2m}} \right)^5 \left(\frac{n}{n_m} \right)^3$	$\frac{N}{N_m} = \frac{\rho}{\rho_m}$	$\frac{N}{N_m} = \left(\frac{n}{n_m} \right)^3$	$\frac{N}{N_m} = \left(\frac{D_2}{D_{2m}} \right)^5$
效率 efficiency	$\eta = \eta_m$			

Installation, Debugging and Running

3.1 Before the installation, all parts of the blower must be checked thoroughly, the rotation direction of impeller and hull should be same, all connections should be steady and no friction exists when the impeller is rotating, any found questions must be resolved immediately.

3.2 The following items should be checked before installation: No tools or sundries can be left in the hull, the connection between outlet and inlet pipe should be coupled naturally, and connecting by force is not allowed. It is forbidden to add the weight of pipe to the blower, and the levelness of the blower's main shaft should be checked also.

3.3 As for axis jointer or blower with transmission, examine whether the axis jointer, strap wheel or the strap is installed reliably. The positions of the two

strap wheels are in one central line; whether the concentric degree between the blower axis and the motor axis meets the technical requirement (radial displacement 0.1mm, gradient 0.8/1000) .

3.4 Have a test run after the blower has been installed, start the blower under the zero-load status, that means the inlet adjusting valve should be closed, and the outlet valve opens a little, the working current should be inspected carefully during the starting process and can't exceed rated value, if the blower runs well, open the valve to normal operation status gradually.

3.5 After the speed reaches the normal value, the bearing temperature should be checked (under 80°C in normal condition), if any abnormal phenomena appear, such as serious vibration, high bearing temperature, abnormal sound and so on, the machine must be stopped immediately and checked carefully.

Maintenance

4.1 In order to avoid the fault or accident caused by abnormal usage and extend blower's service life, the maintenance and check must be strengthened.

4.2 Filter device or dust-remover should be mounted in front of the inlet, if no device mounted on the inlet, shield nets is needed to avoid something sucked in and damage the impellor

4.3 Remove dust or dirt in the blower and the pipe regularly.

4.4 Add or change lubrication grease regularly.

4.5 Examine and repair according to the following trouble:

a) The blower vibrates violently

1. The base rigidity is inadequate or not firm

2. The wind hole and the impeller scrub

3. Loose connection between parts or ground bolt

4. Loose of impeller rivet or distortion of impeller

5. Bad installation of wind hole, causing resonance

6. Vane begrime, abrasion, distortion of impeller, axis bending cause unbalance to rotor.

7. Poor installation of strap wheel, motor axis is not concentric to blower axis.

b) Exorbitant bearing temperature

1. Disabled lubricant or with impurity as dust or sand

2. Too fast or loose of the bearing base or connecting bolt

3. Damaged ball bearing

c) Excessive current

1. Excessive gas density causes the motor overload.

2. Low voltage or single-phase Power disconnection

Special Warning

5. 1 After finishing the installation of blower, make stable grounding of the motor.

5. 2 Close tightly the wind hole before each start. Open the wind hole after normal running.

5. 3 No sundries entering the blower during the running

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Model 4-68 Centrifugal Blower may be used for the indoor ventilation in ordinary factory or in large-scale building of both air input and output. Convey air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The dust or grain matter is no more than 150mg/m^3 . The gas temperature is no more than 80°C .

The blower may be made in the model of left revolving or right revolving.

For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

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Model 4-68 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
2.8	A	2900	1	1131	971	0.59	Y802-2	1.1
			2	1319	971	0.65		
			3	1508	961	0.71		
			4	1696	922	0.74		
			5	1885	853	0.76		
			6	2073	765	0.77		
			7	2262	657	0.78		
		1450	1	565	245	0.07	Y801-4	0.55
			2	660	245	0.08		
			3	754	235	0.09		
			4	848	226	0.09		
			5	942	216	0.1		
			6	1037	186	0.1		
			7	1131	167	0.11		
3.15	A	2900	1	1825	1246	1.11	Y90S-2	1.5
			2	2093	1246	1.2		
			3	2362	1226	1.29		
			4	2630	1177	1.36		
			5	2899	1098	1.37		
			6	3167	981	1.38		
			7	3435	853	1.4		
		1450	1	912	314	0.14	Y801-4	0.55
			2	1047	314	0.14		
			3	1181	304	0.14		
			4	1315	294	0.16		
			5	1449	275	0.17		
			6	1583	245	0.17		
			7	1718	216	0.18		
3.55	A	2900	1	2708	1608	1.94	Y100L-2	3
			2	3092	1608	2.11		
			3	3477	1569	2.24		
			4	3861	1510	2.35		
			5	4245	1402	2.44		
			6	4629	1265	2.56		
			7	5013	1108	2.41		
3.55	A	1450	1	1354	402	0.29	Y801-4	0.55
			2	1546	402	0.3		
			3	1738	392	0.32		
			4	1930	373	0.33		
			5	2122	353	0.36		
			6	2315	314	0.36		
			7	2507	275	0.38		
4	A	2900	1	3984	2069	3.34	Y112M-2	4
			2	4534	2060	3.61		
			3	5083	2010	3.83		
			4	5633	1932	4.03		
			5	6182	1795	4.18		
			6	6732	1628	4.37		
			7	7281	1432	4.44		
		1450	1	1992	520	0.53	Y802-4	0.75
			2	2267	510	0.56		
			3	2542	500	0.6		
			4	2816	481	0.63		
			5	3091	451	0.66		
			6	3366	402	0.65		
			7	3641	353	0.69		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
4.5	A	2900	1	5790	2658	5.9	Y132S2-2	7.5
			2	6573	2628	6.34		
			3	7355	2569	6.74		
			4	8137	2462	7.07		
			5	8920	2295	7.33		
			6	9702	2069	7.59		
			7	10485	1834	7.73		
		1450	1	2895	667	0.9	Y90S-4	1.1
			2	3286	657	0.97		
			3	3678	638	1.02		
			4	4069	619	1.08		
			5	4460	569	1.11		
			6	4851	520	1.16		
			7	5242	461	1.19		
5	A	2900	1	8050	3315	10.02	Y160M2-2	15
			2	9123	3266	10.86		
			3	10197	3187	11.53		
			4	11270	3050	12.06		
			5	12343	2844	12.49		
			6	13416	2589	13.01		
			7	14490	2305	13.25		
		1450	1	4025	824	1.42	Y100L1-4	2.2
			2	4562	814	1.53		
			3	5098	794	1.63		
			4	5635	765	1.72		
			5	6172	716	1.78		
			6	6708	647	1.83		
			7	7245	579	1.89		
6.3	D	1450	1	8320	1324	4.42	Y132S-4	5.5
			2	9393	1304	4.73		
			3	10467	1275	5.01		
			4	11540	1216	5.22		
			5	12614	1138	5.41		
			6	13687	1040	5.63		
			7	14761	922	5.69		
		960	1	5508	579	1.38	Y112M-6	2.2
			2	6219	569	1.47		
			3	6930	559	1.58		
			4	7641	530	1.63		
			5	8351	500	1.71		
			6	9062	451	1.75		
			7	9773	402	1.78		
6.3	C	2240	1	12852	3159	16.09	Y180M-2	22
			2	14511	3109	17.21		
			3	16169	3030	18.19		
			4	17828	2893	18.96		
			5	19486	2707	19.65		
			6	21144	2491	20.44		
			7	22803	2197	20.8		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
6.3	C	2000	1	11476	2511	11.42	Y160M2-2	15
			2	12956	2481	12.27		
			3	14437	2413	12.94		
			4	15917	2305	13.49		
			5	17398	2158	14		
			6	18879	1971	14.56		
			7	20359	1756	14.78		
		1800	1	10328	2040	8.35	Y160M1-2	11
			2	11660	2010	8.94		
			3	12993	1952	9.42		
			4	14325	1863	9.82		
			5	15658	1746	10.19		
			6	16991	1589	10.56		
			7	18324	1422	10.77		
		1600	1	9180	1608	5.85	Y132S2-2	7.5
			2	10365	1589	6.28		
			3	11550	1550	6.65		
			4	12734	1471	6.89		
			5	13918	1383	7.17		
			6	15103	1255	7.42		
			7	16287	1118	7.53		
		1400	1	8032	1236	4.1	Y132S-4	5.5
			2	9069	1216	4.39		
			3	10105	1187	4.65		
			4	11142	1128	4.82		
			5	12178	1059	5.02		
			6	13215	961	5.19		
			7	14251	863	5.31		
		1250	1	7172	981	2.91	Y112M-4	4
			2	8098	971	3.13		
			3	9024	942	3.29		
			4	9949	902	3.44		
			5	10874	843	3.57		
			6	11799	765	3.69		
			7	12724	687	3.77		
6.3	C	1120	1	6426	785	2.26	Y100L2-4	3
			2	7255	775	2.42		
			3	8085	755	2.56		
			4	8913	726	2.69		
			5	9743	677	2.78		
			6	10572	618	2.88		
			7	11401	549	2.93		
		1000	1	5737	628	1.61	Y100L1-4	2.2
			2	6478	618	1.73		
			3	7218	608	1.84		
			4	7958	579	1.91		
			5	8699	540	1.97		
			6	9439	490	2.05		
			7	10179	441	2.09		
		900	1	5164	510	1.27	Y90L-4	1.5
			2	5830	500	1.35		
			3	6497	490	1.4		
			4	7163	471	1.44		
			5	7829	441	1.46		
			6	8496	402	1.51		
			7	9162	353	1.51		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
6.3	C	800	1	4590	402	0.89	Y90S-4	1.1
			2	5182	392	0.94		
			3	5775	383	1		
			4	6367	373	1.06		
			5	6959	343	1.08		
			6	7552	314	1.13		
			7	8144	284	1.17		
8	D	1450	1	17585	2158	14.4	Y180M-4	18.5
			2	19783	2118	15.4		
			3	21982	2060	16.2		
			4	24179	1971	16.9		
			5	26378	1844	17.4		
			6	28576	1677	18		
			7	30774	1501	18.3		
		960	1	11643	942	4.3	Y132M2-6	5.5
			2	13098	932	4.7		
			3	14553	902	4.9		
			4	16009	863	5.1		
			5	17464	804	5.3		
			6	18919	736	5.5		
			7	20375	657	5.5		
		730	1	8853	549	2.1	Y132M-8	3
			2	9960	539	2.2		
			3	11067	520	2.3		
			4	12173	500	2.4		
			5	13280	471	2.5		
			6	14387	422	2.57		
			7	15403	383	2.7		
8	C	1800	1	21830	3315	28.4	Y200L2-2	37
			2	24559	3266	30.4		
			3	27288	3178	32		
			4	30016	3030	33.3		
			5	32745	2834	34.4		
			6	35474	2589	35.61		
			7	38202	2315	36.1		
		1600	1	19404	2619	19.93	Y200L1-2	30
			2	21830	2579	21.3		
			3	24256	2511	22.5		
			4	26681	2293	23.4		
			5	29108	2236	24.1		
			6	31532	2050	25.1		
			7	33958	1834	25.4		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
8	C	1400	1	16979	2010	13.4	Y180M-4	18.5
			2	19101	1971	14.3		
			3	21224	1922	15.1		
			4	23346	1834	15.7		
			5	25468	1716	16.2		
			6	27591	1569	16.8		
			7	29713	1402	17		
		1250	1	15159	1599	9.5	Y160L-4	15
			2	17054	1569	10.1		
			3	18949	1530	10.7		
			4	20844	1461	11.1		
			5	22739	1363	11.5		
			6	24634	1246	11.9		
			7	26528	1118	12.1		
		1120	1	13583	1285	6.8	Y160M-4	11
			2	15281	1265	7.3		
			3	16979	1226	7.7		
			4	18677	1177	8		
			5	20375	1098	8.3		
			6	22073	1000	8.6		
			7	23770	892	8.7		
		1000	1	12128	1020	5.1	Y132M-4	7.5
			2	13644	1010	5.4		
			3	15160	981	5.7		
			4	16676	932	5.9		
			5	18192	873	6.1		
			6	19708	794	6.1		
			7	21224	716	6.2		
		900	1	10915	834	3.7	Y132S-4	5.5
			2	12279	814	4		
			3	13644	794	4.2		
			4	15008	755	4.3		
			5	16373	706	4.5		
			6	17738	647	4.7		
			7	19101	579	4.8		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
8	C	800	1	9702	657	2.6	Y112M-4	4
			2	10915	638	2.8		
			3	12128	628	2.9		
			4	13340	598	3		
			5	14554	559	3.1		
			6	15767	510	3.3		
			7	16979	461	3.3		
		710	1	8611	520	2	Y100L2-4	3
			2	9687	510	2.1		
			3	10763	490	2.2		
			4	11840	471	2.3		
			5	12916	441	2.4		
			6	13992	402	2.5		
			7	15069	363	2.5		
		630	1	7641	402	1.4	Y100L1-4	2.2
			2	8596	402	1.5		
			3	9551	392	1.6		
			4	10506	373	1.6		
			5	11461	343	1.6		
			6	12416	314	1.7		
			7	13371	284	1.7		
10	D	1450	1	35420	3442	45.3	Y250M-4	55
			2	39713	3364	48.2		
			3	44006	3266	50.8		
			4	48299	3109	52.6		
			5	52593	2923	54.4		
			6	56886	2687	56.3		
			7	61179	2422	57		
		960	1	23450	1510	13.1	Y200L1-6	18.5
			2	26293	1481	14.1		
			3	29135	1432	14.8		
			4	31978	1363	15.3		
			5	34820	1275	15.7		
			6	37662	1177	16.3		
			7	40505	1059	16.5		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
10	D	730	1	17832	873	5.8	Y160L-8	7.5
			2	19993	853	6.1		
			3	22155	824	6.5		
			4	24316	785	6.7		
			5	26478	736	6.9		
			6	28639	677	7.1		
			7	30801	618	7.3		
10	C	1250	1	30534	2560	30	Y225S-4	37
			2	34235	2501	31.9		
			3	37936	2422	33.5		
			4	41637	2315	34.8		
			5	45338	2167	35.9		
			6	49040	1991	37.1		
			7	52740	1795	37.6		
		1120	1	27358	2050	21.5	Y200L-4	30
			2	30674	2010	23		
			3	33990	1942	24.1		
			4	37307	1854	25		
			5	40623	1736	25.8		
			6	43939	1599	26.7		
			7	47256	1442	27		
		1000	1	24427	1638	15.4	Y180L-4	22
			2	27388	1599	16.3		
			3	30349	1550	17.1		
			4	33310	1481	17.8		
			5	36270	1383	18.3		
			6	39233	1275	19		
			7	42192	1147	19.2		
		900	1	21984	1324	11.2	Y160L-4	15
			2	24649	1295	11.9		
			3	27314	1255	12.5		
			4	29978	1197	13		
			5	32644	1128	13.5		
			6	35308	1030	13.8		
			7	37974	932	14		

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No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
10	C	800	1	19541	1049	7.87	Y160M-4	11
			2	21910	1020	8.31		
			3	24279	991	8.77		
			4	26648	942	9.07		
			5	29017	883	9.36		
			6	31385	814	9.7		
			7	33754	736	9.85		
		710	1	17343	824	5.72	Y132M-4	7.5
			2	19446	804	6.07		
			3	21548	785	6.16		
			4	23650	745	6.37		
			5	25752	696	6.55		
			6	27854	647	6.85		
			7	29956	579	6.88		
		630	1	15389	647	3.99	Y132S-4	5.5
			2	17254	638	4.27		
			3	19119	618	4.49		
			4	20985	588	4.66		
			5	22850	549	4.78		
			6	24716	510	5		
			7	26581	461	5.08		
		560	1	13679	510	2.79	Y112M-4	4
			2	15337	500	2.98		
			3	16995	490	3.17		
			4	18654	461	3.24		
			5	20311	432	3.34		
			6	21969	402	2.5		
			7	23627	363	3.57		
		500	1	12214	412	2.01	Y100M-4	3
			2	13694	402	2.14		
			3	15175	392	2.26		
			4	16655	373	2.34		
			5	18135	343	2.37		
			6	19616	314	2.44		
			7	21096	284	2.48		

Model 4-68

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
12.5	D	960	1	45800	2354	40.13	Y280M-6	55
			2	51353	2305	42.71		
			3	56904	2236	44.97		
			4	62456	2128	46.58		
			5	68008	2001	48.19		
			6	73559	1834	49.67		
			7	79111	1657	50.45		
		730	1	34828	1363	17.66	Y225M-8	22
			2	39050	1334	18.8		
			3	43271	1295	19.8		
			4	47492	1236	20.56		
			5	51714	1157	21.19		
			6	55936	1059	21.81		
			7	60157	961	22.25		
12.5	C	1120	1	53434	32.7	65.76	Y280S-4	75
			2	59912	3138	69.99		
			3	66388	3040	73.59		
			4	72865	2903	76.45	Y280M-4	90
			5	79342	2717	78.75		
			6	85819	2501	81.51		
			7	92296	2256	82.62		
		1000	1	47710	2560	46.86	Y250M-4	55
			2	53492	2501	49.8		
			3	59276	2422	52.35		
			4	65058	2315	54.43		
			5	70841	2167	56.1	Y280S-4	75
			6	76624	1991	57.94		
			7	82407	1975	58.7		
		900	1	42938	2069	34.1	Y280S-6	45
			2	48144	2030	36.38		
			3	53348	1961	38.15		
			4	58552	1873	39.64		
			5	63758	1756	40.9		
			6	68962	1618	42.39		
			7	74166	1451	42.27		

Model 4-68

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
12.5	C	800	1	38168	1638	23.99	Y225M-6	30
			2	42794	1599	25.47		
			3	47420	1550	26.79		
			4	52046	1481	27.06		
			5	56673	1383	28.63		
			6	61300	1275	29.68		
			7	65926	1147	30.02		
		710	1	33874	1285	16.7	Y200L2-6	22
			2	37980	1265	17.89		
			3	42086	1226	18.81		
			4	46191	1167	19.48		
			5	50297	1089	20.01		
			6	54403	1000	20.67		
			7	58509	902	20.95		
		630	1	30057	1010	11.75	Y1810L-6	15
			2	33700	991	12.43		
			3	37344	961	13.09		
			4	40987	912	13.51		
			5	44630	863	14.07		
			6	48273	794	14.57		
			7	51917	706	14.55		
		560	1	26717	8004	8.24	Y160L-6	11
			2	29956	785	8.75		
			3	33194	755	9.14		
			4	36433	726	9.56		
			5	39671	677	9.81		
			6	42910	628	10.23		
			7	46148	559	10.24		
		500	1	23855	638	6.6	Y160M-6	7.5
			2	26746	628	6.25		
			3	29638	608	6.57		
			4	32529	579	6.8		
			5	35421	539	6.98		
			6	38312	500	7.28		
			7	41204	451	7.38		

Model 4-68

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
12.5	C	450	1	21469	520	4.47	Y132M2-6	5.5
			2	24071	510	4.76		
			3	26674	490	4.98		
			4	29276	471	5.19		
			5	31897	441	5.37		
			6	34481	402	5.49		
			7	37083	363	5.57		
		400	1	19084	412	3.14	Y132M1-6	4
			2	21397	402	3.34		
			3	23710	392	3.54		
			4	26023	373	3.66		
			5	28337	343	3.71		
			6	30650	314	3.81		
			7	32963	284	3.88		
16	B	960	1	96052	3864	142	Y355M2-6	200
			2	107694	3776	151		
			3	119337	3658	160		
			4	130980	3491	165		
			5	142623	3276	171		
			6	154265	3011	176		
			7	165908	2717	179		
		800	1	80043	2687	83	Y315M1-6	90
			2	89745	2628	88	Y315M2-6	110
			3	99448	2540	92		
			4	109150	2422	96		
			5	118852	2275	99		
			6	128554	2089	102		
			7	138257	1883	103		
		710	1	71035	2118	58	Y315S-6	75
			2	79649	2069	61		
			3	88260	2001	64		
			4	96871	1912	67		
			5	105481	1795	69		
			6	114092	1648	71		
			7	122703	1481	72		

Model 4-68

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
16	B	630	1	63034	1667	40	Y280M-6	55
			2	70675	1628	43		
			3	78315	1579	45		
			4	85956	1501	47		
			5	93596	1412	48		
			6	101237	1295	50		
			7	108877	1167	50		
		560	1	56030	1314	28.3	Y250M-6	37
			2	62822	1285	30		
			3	69613	1246	31.6		
			4	76405	1187	32.8		
			5	83197	1118	34		
			6	89988	1020	34.9		
			7	96780	922	35.4		
		500	1	50027	1049	20.1	Y225M-6	30
			2	56091	1030	21.5		
			3	62155	991	22.4		
			4	68219	951	23.5		
			5	747283	892	24.2		
			6	80346	814	24.8		
			7	86410	736	25.2		
		450	1	45024	853	14.7	Y200L1-6	18.5
			2	50482	834	15.7		
			3	55939	804	16.4		
			4	61397	765	17		
			5	66854	716	17.5		
			6	72312	657	18		
			7	77769	598	18.5		
		400	1	40022	667	10.2	Y180L-6	15
			2	44873	657	11		
			3	49724	638	11.6		
			4	54575	608	12		
			5	59426	569	12.4		
			6	64277	520	12.7		
			7	69128	471	12.9		

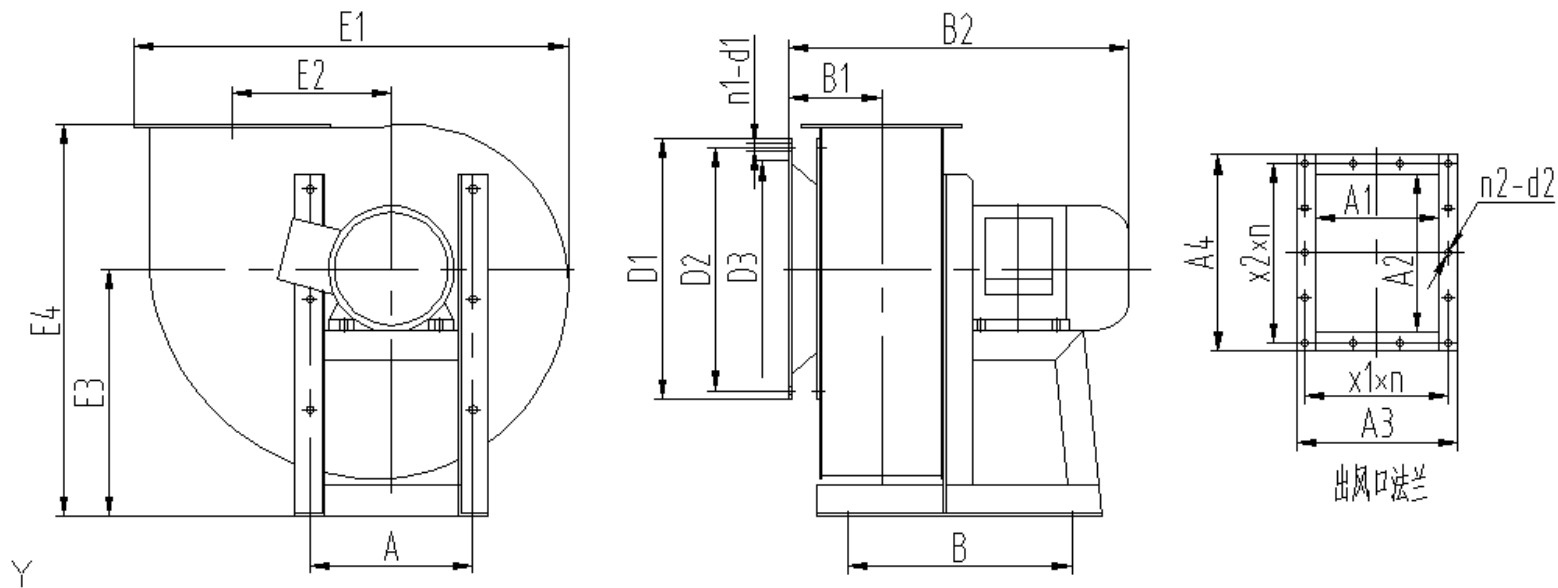
Model 4-68

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
16	B	355	1	35519	530	7.22	Y160L-6	11
			2	39825	520	7.71		
			3	44130	500	8.05		
			4	48435	481	8.41		
			5	52471	451	8.69		
			6	57046	412	8.92		
			7	61351	373	9.07		
		315	1	31517	412	5.2	Y160M-6	7.5
			2	35337	402	5.5		
			3	39158	392	5.8		
			4	42978	373	6		
			5	46798	353	6.3		
			6	50618	324	6.49		
			7	54439	294	6.62		
20	B	710	1	138747	3305	176	Y355M-8	220
			2	155565	3227	187		
			3	172383	3128	197		
			4	189200	2981	204		
			5	206018	2795	210		
			6	222836	2569	217		
			7	239654	2324	221		
		630	1	123113	2599	123	Y355M2-8	160
			2	138036	2540	131		
			3	152959	2462	137		
			4	167882	2354	143		
			5	182805	2207	147		
			6	197728	2030	151		
			7	212650	1824	154		
		560	1	109434	2060	86.5	Y315M3-8	110
			2	122699	2010	91.8		
			3	135964	1952	96.7		
			4	149228	1854	100		
			5	162493	1745	104		
			6	175758	1599	107		
			7	189023	1442	108		

Model 4-68

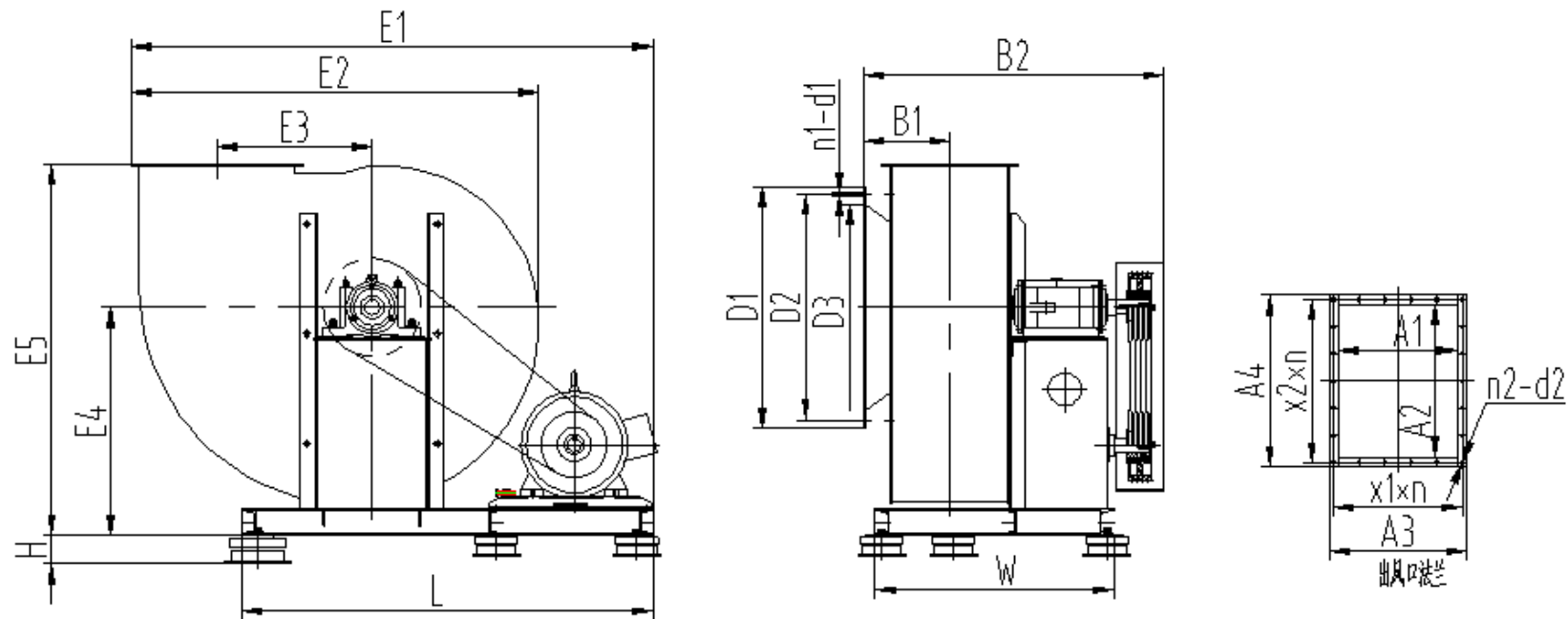
No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
20	B	500	1	97709	1638	61.4	Y315M2-8	75
			2	109553	1599	65.2		
			3	121396	1550	68.6		
			4	133240	1481	71.3		
			5	145083	1393	73.8		
			6	156927	1275	76		
			7	168770	1147	76.9		
		450	1	87938	1324	44.7	Y315S-8	55
			2	98597	1295	47.5		
			3	109257	1255	50		
			4	119916	1197	51.9		
			5	130575	1128	53.8		
			6	141234	1030	55.2		
			7	151893	932	56.2		
		400	1	78167	1049	31.5	Y280M-8	45
			2	87642	1030	33.6		
			3	97117	991	35.1		
			4	106592	951	36.7		
			5	116067	892	37.8		
			6	125541	814	38.8		
			7	135016	736	39.4		
		355	1	69373	824	21.9	Y250M-8	30
			2	77782	804	23.3		
			3	86191	785	24.7		
			4	94600	745	25.5		
			5	103009	696	26.2		
			6	111418	647	27.4		
			7	119827	579	27.5		
		315	1	61557	647	15.3	Y225M-8	22
			2	69018	638	16.4		
			3	76480	618	17.2		
			4	83941	588	17.9		
			5	91402	549	18.3		
			6	98864	510	19.2		
			7	106325	461	19.5		
20	B	280	1	54717	510	107	Y200L-8	15
			2	61349	500	11.42		
			3	67982	490	12.15		
			4	74614	461	12.43		
			5	81247	432	12.81		
			6	87879	402	13.42		
			7	94511	363	13.61		
		250	1	18855	412	7.72	Y180L-8	11
			2	54776	402	8.2		
			3	60698	392	8.68		
			4	66620	373	8.97		
			5	72542	343	9.1		
			6	78463	324	9.65		
			7	84385	284	9.52		

Shuangcheng Blower



Shape and Installation Size Chart of Model 4-68 A Centrifugal Blower

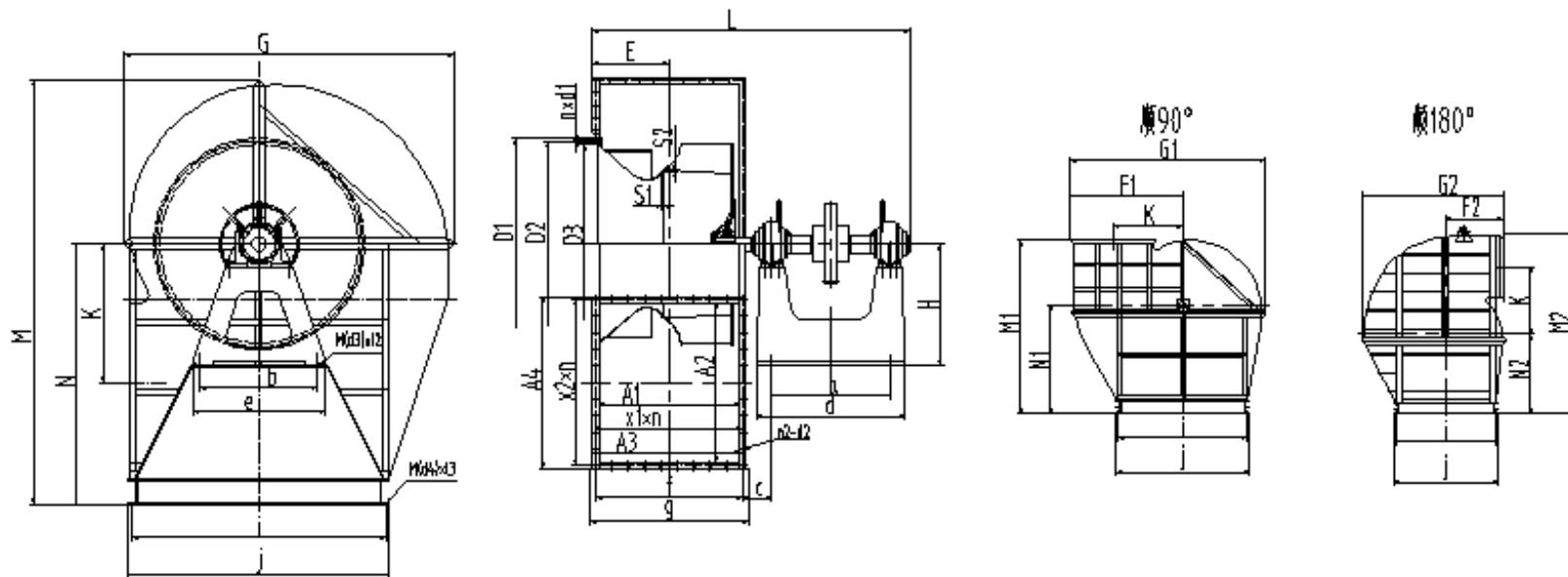
NO.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
2.8	344	320	284	10	8	162	208	212	258	8	14	63×3	59×4	572	210	325	515	122.5	448	215	295	15	4
3.15	389	355	319	10	8	182	233	232	283	8	14	69×3	65×4	638	238.5	355	576	146	592	260	380	15	4
3.55	429	395	359	10	8	210	266	260	316	8	14	79×3	72.5×4	716.5	267.5	390	638	167	597	260	410	15	4
4	486	450	406	10	8	224	291	284	351	10	14	85×3	80.5×4	811	307.5	442	723	180.5	632.5	300	455	15	4
4.5	556	510	456	10	8	261	333	321	393	10	14	97×3	91×4	907	342.5	492	808	209	734.5	340	490	15	4
5	606	560	506	10	12	289	370	349	430	10	22	65×5	67×6	999	378	550	897	212	846	06	630	15	4



Shape and Installation Size Chart of Model 4-68 C Centrifugal Blower

NO.	Inlet flange					Outlet flange								Shape Size								Installation Size					
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt hole			
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity		
6.3	736	690	363	12	12	362	465	422	525	10	22	79×5	83×6	1723	1247	475.5	696	1131	263.5	916	1285	730	65	15	5		
8	906	860	806	12	16	458	600	558	700	10	22	103×5	109×6	2142	1597	600	880	1432	345	1168	1750	960	87	18	6		
10	1128	1070	1008	15	16	574	736	674	836	15	22	125×5	133×6	2571	1974	754	1090	1780	422	1719	1950	1440	87	18	8		
12.5	1380	1320	1250	15	20	700	921	810	1030	15	30	109×7	123×8	3149	2468	944.5	1335	2196	534	2043	2380	1870	87	18	10		

Shuangcheng Blower



Shape and Installation Size Chart of Model 4-68 B Centrifugal Blower

NO.	Inlet flange					Outlet flange								Shape Size											
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E	F	G	K	N	M	H	L	G1	F1	M1	N1
				d1	n1					d2	n2	x1×n	x2×n												
16	1750	1680	1600	19	24	896	1165	1008	1274	15	36	120×8	123×10	675	1080	2686	1210	1900	3245	985	2455	3172	1847	2630	1550
20	2150	2080	2000	19	24	1120	1456	1258	1591	15	44	120×10	128×12	845	1349	3356	1512	2350	4042	985	2723	3963	2308	3299	1950
NO.	Shape Size						Installation Size								Anchor bolt		Anchor bolt		weight (except motor) /kg						
	G2	F2	M2	N2	S1	S2	a	b	c	d	e	f	g	i	j	(4) M (d3) × 12	(4) M (d4) ×13								
16	2686	1080	3147	1300	16	1.6-4.8	950	950	218.5	1200	1070	995	1058	1680	2160	M30×800		M30×800		2787					
20	3356	1349	3958	1650	20	2-6	950	950	189	1200	1070	1250	1332	2000	2697	M30×800		M30×800		2968					

Model 4-72, B4-72 and F4-72 Centrifugal Blower

- 1.1 Model 4-72 Centrifugal Blower may be used for the indoor ventilation in ordinary factory or in large-scale building. B4-72 Conveys air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. Model B4-72 Centrifugal Blower may be used for the ventilation of gas which is flammable and volatile. No glutinous matter is allowed in the gas. The dust or grain matter is no more than 150mg/m^3 . The gas temperature is no more than 80°C .
- 1.2 The performance, spare parts and installation size of Model B4-72 blower are the same as Model 4-72, and may be selected according to its sample book. This blower structure is principally the same as Model 4-72. The motor should select YB series corresponding to the Y series in the chart. Model F4-72 blower adopts stainless steel for conveying corrosive gas, and its performance and installation are the same as Model 4-72.

Shuangcheng Blower

Model 4-72 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
2	A	2900	1	483	481	0.15	Y80S-2	0.75	400×414×200
			2	890	294	0.18			
2.8	A	2900	1	1130	994	0.67	Y90S-2	1.5	492×577×570
			2	1310	966	0.72			
			3	1480	933	0.71			
			4	1659	887	0.74			
			5	1828	835	0.77			
			6	2007	770	0.79			
			7	2177	702	0.81			
			8	2356	606	0.80			
3	A	2900	1	1588	1142	0.96	Y90S-2	1.5	492×577×570
			2	1797	1124	1.03			
			3	2005	1097	1.08			
			4	2214	1057	1.12			
			5	2423	994	1.14			
			6	2631	924	1.17			
			7	2840	829	1.18			
			8	3049	716	1.16			
3	A	1450	1	794	285	0.13	Y80S-4	0.75	492×577×570
			2	898	280	0.14			
			3	1003	273	0.14			
			4	1107	263	0.15			
			5	1211	248	0.16			
			6	1316	230	0.16			
			7	1420	207	0.16			
			8	1524	179	0.16			
3.2	A	2900	1	1688	1300	1.23	Y90L-2	2.2	526×649×596
			2	1955	1263	1.31			
			3	2209	1220	1.38			
			4	2476	1160	1.34			
			5	2729	1091	1.39			
			6	2996	1006	1.43			
			7	3250	918	1.47			
			8	3517	792	1.45			

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
3.2	A	1450	1	844	324	0.16	Y90S-4	1.1	526×649×596
			2	978	315	0.17			
			3	1104	304	0.19			
			4	1238	289	0.19			
			5	1365	272	0.20			
			6	1498	251	0.21			
			7	1625	229	0.21			
			8	1758	198	0.21			
3.6	A	2900	1	2264	1578	2.03	Y100L-2	3	619×725×694
			2	3045	1531	2.15			
			3	3405	1481	2.25			
			4	3786	1419	2.35			
			5	4146	1343	2.42			
			6	4527	1256	2.50			
			7	4887	1144	2.53			
			8	5268	989	2.52			
3.6	A	1450	1	1332	393	0.29	Y90S-4	1.1	619×725×694
			2	1522	381	0.31			
			3	1703	369	0.33			
			4	1893	353	0.34			
			5	2073	335	0.35			
			6	2263	313	0.36			
			7	2444	285	0.36			
			8	2634	247	0.36			
4	A	2900	1	4012	2014	3.47	Y132S1-2	5.5	712×792×734
			2	4506	1969	3.66			
			3	4973	1915	3.82			
			4	5468	1830	3.94			
			5	5962	1723	4.02			
			6	6457	1606	4.11			
			7	6924	1459	4.11			
			8	7419	1320	4.19			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
4	A	1450	1	2006	501	0.54	Y90S-4	1.1	712×792×734
			2	2253	490	0.57			
			3	2487	476	0.60			
			4	2734	455	0.62			
			5	2981	429	0.63			
			6	3228	400	0.64			
			7	3462	363	0.64			
			8	3700	329	0.66			
4.5	A	2900	1	5712	2554	6.00	Y132S2-2	7.5	734×819×766
			2	6416	2497	6.32			
			3	7081	2428	6.6.			
			4	7785	2320	6.81			
			5	8489	2184	6.95			
			6	9194	2036	7.09			
			7	9859	1849	7.10			
			8	10562	1673	7.24			
4.5	A	1450	1	2856	634	0.91	Y90S-4	1.1	734×819×766
			2	3208	620	0.96			
			3	3540	603	1.00			
			4	3893	577	1.04			
			5	4245	543	1.06			
			6	4597	506	1.08			
			7	4929	460	1.08			
			8	5281	416	1.10			
5	A	2900	1	7728	3187	10.02	Y160M2-2	15	856×984×829
			2	8855	3145	10.76			
			3	9928	3074	11.39			
			4	11054	2962	12.04			
			5	12128	2792	12.44			
			6	13255	2567	12.72			
			7	14328	2335	12.90			
			8	15455	2019	12.75			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
5	A	1450	1	3864	790	1.42	Y100L1-4	2.2	856×984×829
			2	4427	780	1.52			
			3	4964	762	1.61			
			4	5527	735	1.70			
			5	6064	693	1.76			
			6	6628	637	1.80			
			7	7164	580	1.82			
			8	7728	502	1.80			
5.5	A	2900	1	10285	4040	16.14	Y160L-2	18.5	976×1061× 899
			2	11786	3805	17.33			
			3	13214	3720	18.34			
			4	14713	3584	19.39	Y180M-2	22	
			5	16142	3378	20.03			
			6	17642	3106	20.49			
			7	19070	2825	20.78			
			8	20570	2443	20.53			
5.5	A	1450	1	5142	1010	2.02	Y112M-4	4	976×1061× 899
			2	5893	951	2.17			
			3	6607	930	2.29			
			4	7357	896	2.42			
			5	8071	845	2.50			
			6	8821	777	2.56			
			7	9535	706	2.60			
			8	10285	611	2.57			
6	A	1450	1	6677	1139	3.25	Y112M-4	4	769×1183× 1031
			2	7650	1124	3.49			
			3	8578	1099	3.70			
			4	9551	1059	3.91			
			5	10478	999	4.04			
			6	11452	919	4.13			
			7	12379	836	4.19			
			8	13353	724	4.14			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
6	A	960	1	4420	498	1.10	Y100L-6	1.5	769×1183× 1031
			2	5065	492	1.18			
			3	5679	481	1.25			
			4	6324	463	1.32			
			5	6938	437	1.37			
			6	7582	402	1.40			
			7	8196	366	1.32			
			8	8841	317	1.30			
6	D	1450	1	6677	1139	3.32	Y112M-4	4	
			2	7650	1124	3.56			
			3	8578	1099	3.77			
			4	9551	1059	3.99			
			5	10478	999	4.12			
			6	11452	919	4.21			
			7	12379	836	4.27			
			8	13353	724	4.22			
6	D	960	1	4420	498	1.12	Y100L-6	4	
			2	5065	492	1.21			
			3	5679	481	1.28			
			4	6324	463	1.35			
			5	6938	437	1.39			
			6	7582	402	1.32			
			7	8196	366	1.34			
			8	8841	317	1.33			
6	C	2600	1	11972	3683	18.92	Y200L ₁ -2	30	
			2	13717	3634	20.30			
			3	15380	3553	21.49			
			4	17126	3423	22.72			
			5	18788	3228	23.49			
			6	20535	2967	24.02			
			7	22197	2700	24.35			
			8	23943	2334	24.85			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
6	C	2350	1	10820	3009	14.0	Y180M-4	18.5	817×1183× 1009
			2	12398	2969	15.0			
			3	13901	2902	15.9			
			4	15480	2797	16.8			
			5	16982	2637	17.3			
			6	18560	2423	17.7			
			7	20063	2206	18.0			
			8	21640	1907	18.3			
6	C	2240	1	10314	2734	12.10	Y160L-4	15	817×1183× 1009
			2	11818	2698	12.98			
			3	13251	2637	13.74			
			4	14755	2541	14.53			
			5	16187	2396	15.02			
			6	17692	2202	15.36			
			7	19124	2004	15.57			
			8	20628	1733	15.89			
6	C	2000	1	9209	2176	8.61	Y160M-4	11	817×1183× 1009
			2	10552	2147	9.24			
			3	11831	2099	9.78			
			4	13174	2022	10.34			
			5	14453	1907	10.69			
			6	15796	1753	10.93			
			7	17075	1595	11.09			
			8	18418	1380	10.95			
6	C	1800	1	8288	1760	6.28	Y132M-4	7.5	817×1183× 1009
			2	9497	1736	6.74			
			3	10648	1697	7.13			
			4	11856	1635	7.54			
			5	13008	1542	7.79			
			6	14216	1418	7.97			
			7	15367	1291	8.08			
			8	16576	1116	7.98			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
6	C	1600	1	7367	1389	4.60	Y-132S-4	5.5	817×1183× 1009
			2	8442	1370	4.94			
			3	9465	1339	5.23	Y132S-4	7.5	
			4	10539	1291	5.53			
			5	11562	1217	5.71			
			6	12637	1119	5.84			
			7	13660	1019	5.92			
			8	14734	881	5.85			
6	C	1250	1	5756	846	2.38	Y100L2-4	3	817×1183× 1009
			2	6595	835	2.55			
			3	7395	816	2.49			
			4	8234	786	2.63			
			5	6033	742	2.72			
			6	9873	682	2.79			
			7	10672	621	2.82			
			8	11511	537	2.79			
6	C	1120	1	5157	679	1.71	Y100L1-4	2.2	817×1183× 1009
			2	5909	670	1.83			
			3	6626	655	1.94			
			4	7378	631	2.05			
			5	8094	595	1.12			
			6	8846	547	2.17			
			7	9562	498	2.20			
			8	10314	431	2.17			
6	C	1000	1	4605	541	1.31	Y100L1-4	2.2	817×1183× 1009
			2	5276	534	1.31			
			3	5916	522	1.38			
			4	6587	503	1.46			
			5	7227	474	1.51			
			6	7898	436	1.54			
			7	8538	397	1.57			
			8	9209	344	1.55			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
6	C	900	1	4144	438	0.96	Y90L-4	1.5	817×1183× 1009
			2	4749	432	1.03			
			3	5324	422	1.09			
			4	5928	407	1.15			
			5	6504	384	1.19			
			6	7108	353	1.21			
			7	7684	322	1.23			
			8	8288	278	1.22			
6	C	800	1	3684	364	0.72	Y90S-4	1.1	817×1183× 1009
			2	4221	341	0.72			
			3	4733	334	0.76			
			4	5270	322	0.81			
			5	5781	303	0.83			
			6	6319	279	0.85			
			7	6830	254	0.86			
			8	7367	220	0.85			
7	C	1800	1	12521	2406	13.38	Y-160L-4	15	878×1395× 1198
			2	14166	2369	14.29			
			3	15812	2310	15.08	Y180M-4	18.5	
			4	17457	2225	15.69			
			5	19102	2093	15.97			
			6	20747	1945	16.26			
			7	22392	1744	16.26			
			8	24038	1506	16.12			
7	C	1600	1	11130	1897	9.39	Y160M-4	11	878×1395× 1198
			2	12592	1868	10.04			
			3	14055	1822	10.59			
			4	15517	1755	11.02			
			5	16980	1651	11.22			
			6	18442	1534	11.42			
			7	19904	1376	11.42			
			8	21367	1189	11.32			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
7	C	1250	1	8696	1155	4.67	Y132S-4	5.5	878×1395× 1198
			2	9838	1137	4.99			
			3	10980	1109	5.27			
			4	12123	1069	5.48			
			5	13265	1005	5.58			
			6	14408	934	5.68			
			7	15550	838	5.68			
			8	16698	724	5.63			
7	C	1120	1	7791	927	3.36	Y112M-4	4	878×1395× 1198
			2	8815	912	3.59			
			3	9839	890	3.79			
			4	10862	857	3.94			
			5	11886	807	4.02			
			6	12909	750	4.09			
			7	13933	673	4.09			
			8	14957	581	4.05			
7	C	1000	1	6957	738	2.59	Y100L2-4	3	878×1395× 1198
			2	7871	727	2.56			
			3	8785	709	2.70			
			4	9699	683	2.81			
			5	10612	643	2.86			
			6	11526	597	2.91			
			7	12440	536	2.91			
			8	13354	463	2.88			
7	C	900	1	6261	598	1.89	Y100L2-4	3	878×1395× 1198
			2	7083	588	2.02			
			3	7906	574	2.13			
			4	8729	553	2.22			
			5	9551	520	2.26			
			6	10373	484	2.30			
			7	11196	434	2.30			
			8	12019	375	2.28			
7	C	800	1	5565	472	1.33	Y100L1-4	2.2	878×1395× 1198
			2	6296	465	1.42			
			3	7028	453	1.50			
			4	7759	437	1.56			
			5	8490	411	1.59			
			6	8221	382	1.61			
			7	9952	343	1.61			
			8	10683	296	1.60			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
7	C	710	1	4039	372	1.00	Y90L-4	1.5	878×1395× 1198
			2	5588	366	1.07			
			3	6237	357	1.13			
			4	6886	344	1.17			
			5	7535	324	1.19			
			6	8184	301	1.22			
			7	8833	270	1.22			
			8	9482	233	1.20			
8	D	1450	1	15826	2032	13.41	Y180M-4	18.5	
			2	18134	2005	14.39			
			3	20332	1960	15.23			
			4	22640	1888	16.1			
			5	24838	1781	16.64			
			6	27146	1638	17.02			
			7	29344	1490	17.26			
8	D	960	1	10478	887	4.06	Y132M2-6	5.5	
			2	12006	875	4.36			
			3	13461	856	4.61			
			4	14989	825	4.88			
			5	16444	778	5.04			
			6	17972	715	5.15			
			7	19428	651	5.23			
8	D	730	1	7968	512	1.93	Y132M-8	3	
			2	9130	506	2.08			
			3	10236	494	2.20			
			4	11398	476	2.32			
			5	12504	449	2.4			
			6	13666	413	2.45			
			7	14773	376	2.49			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
8	C	1800	1	19646	3143	26.45	Y200L1-2	30	995×1570× 1313
			2	22511	3101	28.39			
			3	25240	3032	30.05			
			4	28105	2920	31.77	Y200L2-2	37	
			5	30834	2754	32.83			
			6	33699	2531	33.58			
			7	36427	2302	34.05			
8	C	1600	1	17463	2478	18.58	Y180M-2	22	995×1570× 1313
			2	20010	2445	19.94			
			3	22435	2390	21.10			
			4	24982	2303	22.31	Y200L1-2	30	
			5	27408	2171	23.06			
			6	29954	1996	23.59			
			7	32380	1816	23.92			
8	C	1250	1	13643	1507	8.86	Y160M-4	11	995×1570× 1313
			2	15633	1487	9.51			
			3	17527	1454	10.06			
			4	19571	1401	10.64			
			5	21412	1321	11.00			
			6	23402	1215	11.25			
			7	25297	1106	11.40			
8	C	1120	1	12224	1209	6.37	Y132M-4	7.5	995×1570× 1313
			2	14007	1193	6.84			
			3	15705	1166	7.24			
			4	17487	1124	7.65	Y160M-4	11	
			5	19185	1060	7.91			
			6	20968	975	8.00			
			7	22666	887	8.20			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
8	C	1000	1	10914	963	4.73	Y132S-4	5.5	995×1570× 1313
			2	12506	950	5.08			
			3	14022	929	5.38			
			4	15614	895	5.68	Y132M-4	7.5	
			5	17130	844	5.87			
			6	18712	777	5.76			
			7	20237	707	5.84			
8	C	900	1	9823	779	3.45	Y112M-4	4	995×1570× 1313
			2	11255	769	3.70			
			3	12620	752	3.92			
			4	14052	725	4.14	Y132S-4	5.5	
			5	15471	683	4.28			
			6	16849	629	4.38			
			7	18213	572	4.44			
8	C	800	1	8732	615	2.42	Y100L2-4	3	995×1570× 1313
			2	10005	607	2.60			
			3	11217	594	2.75			
			4	12491	572	2.91			
			5	13704	540	3.01			
			6	14977	496	3.08			
			7	16190	452	3.12			
8	C	710	1	7749	485	1.84	Y100L1-4	2.2	995×1570× 1313
			2	8880	476	1.97			
			3	9956	468	2.08			
			4	11085	450	2.20			
			5	12162	425	2.28	Y100L2-4	3	
			6	13292	391	2.33			
			7	14368	356	2.36			
8	C	630	1	6876	381	1.38	Y100L1-4	2.2	995×1570× 1313
			2	7879	376	1.38			
			3	8834	368	1.46			
			4	9837	355	1.54			
			5	10791	334	1.59			
			6	11794	308	1.63			
			7	12749	280	1.65			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
10	C	1250	1	34863	2373	31.80	Y225S-4	37	1837×1937× 1636
			2	37953	2341	33.40			
			3	41044	2247	34.58			
			4	43690	2138	35.35			
			5	46262	2018	35.99			
			6	48797	1877	36.34			
10	C	1120	1	31237	1902	22.87	Y200L-4	30	1837×1937× 1636
			2	34006	1877	24.02			
			3	36775	1801	24.87			
			4	39147	1714	25.43			
			5	41451	1618	25.89			
			6	43722	1505	26.14			
10	C	1000	1	27890	1514	16.28	Y180M-4	18.5	1837×1937× 1636
			2	30363	1494	17.10			
			3	32835	1434	17.70			
			4	34952	1364	18.10			
			5	37010	1288	18.43			
			6	39038	1199	18.60			
10	C	900	1	25101	1225	11.87	Y160L-4	15	1837×1937× 1636
			2	27362	1209	12.47			
			3	29551	1161	12.91			
			4	31457	1104	13.19			
			5	33309	1042	13.43			
			6	35134	970	13.56			
10	C	800	1	22312	967	8.34	Y160M-4	11	1837×1937× 1636
			2	24290	954	8.76			
			3	26268	916	9.07			
			4	27961	872	9.27			
			5	29608	823	9.43			
			6	31230	766	9.53			
10	C	710	1	19802	761	5.83	Y132M-4	7.5	1837×1937× 1636
			2	21557	751	6.12			
			3	23313	721	6.34			
			4	24816	686	6.48			
			5	26277	648	6.59			
			6	27717	603	6.66			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
10	C	630	1	17571	599	4.25	Y132S-4	5.5	1837×1937× 1636
			2	19128	591	4.46			
			3	20686	568	4.62			
			4	22019	540	4.72			
			5	23316	510	4.81			
			6	24594	475	4.85			
10	C	560	1	15618	473	2.98	Y112M-4	4	1837×1937× 1636
			2	17003	467	3.13			
			3	18387	448	3.24			
			4	19573	426	3.32			
			5	20725	403	3.38			
			6	21861	375	3.41			
10	C	500	1	13945	377	2.30	Y100L2-4	3	1837×1937× 1636
			2	15181	372	2.42			
			3	16417	357	2.50			
			4	17476	340	2.56			
			5	18505	321	2.40			
			6	19519	299	2.43			
12	C	1120	1	53978	2746	56.92	Y280S-4	75	2021×1323× 2475
			2	58763	2710	59.78			
			3	63548	2601	61.90			
			4	67645	2474	63.27			
			5	71627	2335	64.41			
			6	75552	2172	65.04			
12	C	1000	1	48195	2185	40.51	Y225M-4	45	2021×1323× 2475
			2	52467	2156	42.55			
			3	56739	2070	44.06			
			4	60397	1969	45.03			
			5	63953	1859	45.85	Y250M-4	55	
			6	67457	1729	49.30			
12	C	900	1	43375	1767	29.53	Y250M-6	37	2021×1323× 2475
			2	47220	1744	31.02			
			3	51065	1674	32.12			
			4	54357	1593	32.83			
			5	57557	1504	33.43			
			6	60712	1399	33.75			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
12	C	800	1	38556	1395	20.74	Y200L2-6	22	2021×1323× 2475
			2	41973	1376	21.79			
			3	45391	1321	22.56	Y225M-6	30	
			4	48317	1257	23.06			
			5	51162	1187	23.47			
			6	53966	1104	23.70			
12	C	710	1	34218	1097	14.50	Y200L1-6	18.5	2021×1323× 2475
			2	37251	1083	15.23			
			3	40284	1040	15.77			
			4	42882	989	16.12			
			5	45406	934	16.41			
			6	47895	869	16.57			
12	C	630	1	30362	863	10.13	Y180L-6	15	2021×1323× 2475
			2	33054	852	10.64			
			3	35745	818	11.02			
			4	38050	778	11.26			
			5	40290	735	11.46			
			6	42498	684	11.58			
12	C	560	1	26989	682	7.11	Y160M-6	7.5	2021×1323× 2475
			2	29381	673	7.47			
			3	31774	646	7.74	Y160L-6	11	
			4	33822	615	7.91			
			5	35813	580	8.08			
			6	37776	540	8.13			
12	C	500	1	24097	543	5.20	Y100M-6	7.5	2021×1323× 2475
			2	26233	536	5.55			
			3	28369	515	5.75			
			4	30198	490	5.87			
			5	31976	462	5.98			
			6	33728	430	5.79			
12	C	450	1	21687	440	3.85	Y132M1-6	4	2021×1323× 2475
			2	23610	434	4.05			
			3	25532	417	4.19	Y132M2-6	5.5	
			4	27178	397	4.28			
			5	28778	374	4.36			
			6	30356	348	4.40			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
12	C	400	1	19278	347	2.71	Y132S-6	3	2021×1323× 2475
			2	20986	343	2.84			
			3	22695	329	2.94			
			4	24158	313	3.01			
			5	25581	296	3.06			
			6	26983	275	3.09			
16	B	900	1	102810	3157	124.45	Y315L2-6	132	2508×2653× 3227
			2	111930	3115	130.7	Y315M-6	160	
			3	121040	2990	135.33			
			4	128840	2844	138.33			
			5	136430	2684	140.84			
			6	143910	2497	142.2			
16	B	800	1	91392	2489	87.4	Y315L1-6	110	2508×2653× 3227
			2	99493	2456	91.81			
			3	107590	2357	95.06			
			4	114530	2242	97.16			
			5	121270	2117	98.92			
			6	127920	1969	99.89			
16	B	710	1	81110	1957	61.10	Y315S-6	75	2508×2653× 3227
			2	88300	1931	64.18			
			3	95490	1853	66.45			
			4	101640	1763	67.92			
			5	107630	1664	69.15			
			6	113520	1549	69.83			
16	B	630	1	71971	1538	42.69	Y280M-6	55	2508×2653× 3227
			2	78351	1518	44.84			
			3	84730	1457	46.42			
			4	90193	1386	47.45			
			5	95503	1309	48.31			
			6	100730	1218	48.78			
16	B	560	1	63974	1214	29.98	Y250M-6	37	2508×2653× 3227
			2	69645	1198	31.49			
			3	75316	1150	32.60			
			4	80172	1094	33.33			
			5	84892	1033	33.93			
			6	89545	961	34.26			

Shuangcheng Blower

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
16	B	500	1	57120	967	21.34	Y225M-6	30	2508×2653× 3227
			2	62183	954	22.41			
			3	67246	916	23.21			
			4	71582	872	23.72			
			5	75796	823	24.15			
			6	79950	766	24.39			
16	B	450	1	51408	783	15.56	Y200L1-6	18.5	2508×2653× 3227
			2	55965	773	16.34			
			3	60520	742	16.92			
			4	64423	706	17.29			
			5	68216	666	17.61			
			6	71955	620	17.78			
16	B	400	1	45696	618	10.93	Y180L-6	15	2508×2653× 3227
			2	49746	610	11.48			
			3	53797	586	11.83			
			4	57265	557	12.15			
			5	60637	526	12.36			
			6	63960	490	12.48			
16	B	355	1	40555	487	7.64	Y160L-6	11	2508×2653× 3227
			2	44150	480	8.02			
			3	47745	461	8.31			
			4	50823	439	8.49			
			5	53815	414	8.64			
			6	56764	386	8.73			
16	B	315	1	35985	383	5.057	Y160M-6	7.5	2508×2653× 3227
			2	39175	378	5.85			
			3	42365	363	5.80			
			4	45096	345	5.93			
			5	47751	326	6.04			
			6	50368	303	6.10			
20	B	710	1	158410	3069	186.46	Y355-8	220	2787×3328× 4010
			2	172460	3029	195.84			
			3	186500	2907	202.76			
			4	198520	2765	207.27			
			5	210210	2609	211.02			
			6	221730	2427	213.08			

Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
20	B	630	1	140560	2411	130.27	Y355-8	160	2787×3328× 4010
			2	153020	2379	136.81			
			3	165480	2284	141.65			
			4	176150	2172	144.79			
			5	186530	2050	147.43			
			6	196750	1908	148.86			
20	B	560	1	124950	1902	91.50	Y315L2-8	110	2787×3328× 4010
			2	136020	1877	96.10			
			3	147100	1801	99.5			
			4	156580	1714	101.7			
			5	165800	1618	103.54			
			6	174890	1505	104.55			
20	B	500	1	111560	1514	65.13	Y315M-8	75	2787×3328× 4010
			2	121450	1494	68.40			
			3	131340	1434	70.82			
			4	139800	1364	72.39			
			5	148040	1288	73.70			
			6	156150	1199	74.42			
20	B	450	1	100400	1225	47.48	Y315S-8	55	2787×3328× 4010
			2	109300	1209	49.86			
			3	118200	1161	51.63			
			4	125820	1104	52.77			
			5	133230	1042	53.73			
			6	140530	970	54.25			
20	B	400	1	89250	967	33.34	Y280S-8	37	2787×3328× 4010
			2	97161	954	35.02			
			3	105070	916	36.26			
			4	111840	872	37.06			
			5	118430	823	37.73			
			6	124920	766	38.10			
20	B	355	1	79209	761	23.31	Y250M-8	30	2787×3328× 4010
			2	86230	751	24.48			
			3	93252	721	25.35			
			4	99264	686	25.91			
			5	105100	648	26.38			
			6	110860	603	26.64			

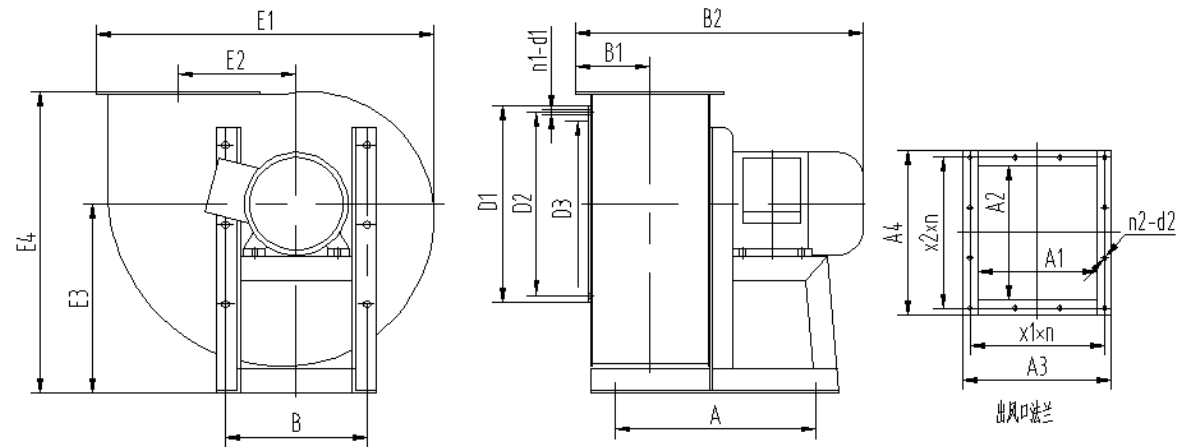
Model 4-72

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm
							Type	Power kW	
20	B	315	1	70284	599	16.28	Y225M-8	22	2787×3328× 4010
			2	76514	591	17.10			
			3	82744	568	17.71			
			4	88079	540	18.10			
			5	93265	510	18.43			
			6	98376	475	18.61			
20	B	280	1	62475	473	11.44	Y200L-8	15	2787×3328× 4010
			2	68013	467	12.01			
			3	73551	448	12.44			
			4	78293	426	12.71			
			5	82902	403	12.94			
			6	87445	375	13.07			
20	B	250	1	55781	377	8.14	Y180L-8	11	2787×3328× 4010
			2	60726	372	8.55			
			3	65670	357	8.85			
			4	69904	340	9.05			
			5	74020	321	9.21			
			6	78076	299	9.30			

Shuangcheng Blower

Model 4-72 II Centrifugal Blower Datasheet

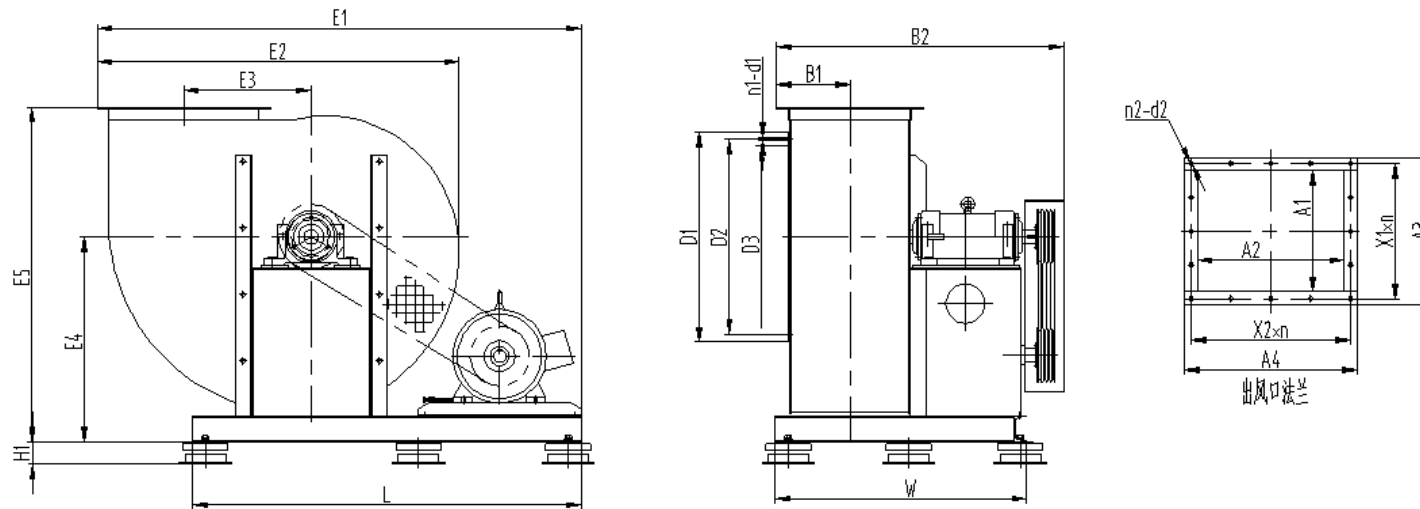
No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
4.2	A	2900	1	5884	2517	Y132S1-2	5.5
			2	6551	2396		
			3	7188	2240		
			4	7700	2156		
			5	8194	1978		
			6	8940	1663		
			7	10154	1308		
4.5	A	2900	1	7237	2889	Y132S2-2	7.5
			2	8058	2751		
			3	8841	2572		
			4	9470	2475		
			5	10078	2271		
			6	10993	1910		
			7	12489	1502		
4.7	A	2900	1	8245	3152	Y160M ₁ -2	11
			2	9181	3001		
			3	10073	2806		
			4	10790	2700		
			5	11482	2477		
			6	12525	2084		
			7	14229	1638		
5	A	2900	1	9928	3566	Y160M2-2	15
			2	11054	3396		
			3	12128	3175		
			4	12990	3055		
			5	13824	2804		
			6	15080	2358		
			7	17130	1855		
5.2	A	2900	1	11167	3857	Y160M2-2	15
			2	12434	3673		
			3	13642	3434		
			4	14612	3305		
			5	15550	3033		
			6	16962	2551		
			7	19270	2007		
			8	20548	1667		
5.5	A	2900	1	13214	4315	Y160L-2	18.5
			2	14713	4109		
			3	16142	3842		
			4	17290	3697		
			5	18400	3393		
			6	20070	2854		
			7	22800	2245	Y180M-2	22
			8	24313	1865		
5.7	A	2900	1	14709	4635	Y200L ₁ -2	30
			2	16377	4413		
			3	17968	4126		
			4	19246	3970		
			5	20481	3644		
			6	22340	3065		
			7	25380	2411		
			8	27063	2003		



Shape and Installation Size Chart of Model 4-72 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
2	254	235	204	8	6	138	164	188	214	8	8	82×2	95×2	414	140	245	382	94	408	280	215	15	4
2.8	334	310	284	10	6	201	228	251	278	8	12	76×3	85.3×3	572	200	320	510	125.5	486	340	240	15	4
3	364	335	304	10	8	189	310	239	360	8	14	72×3	85×4	661	213	370	584	119.5	474	330	240	15	4
3.2	384	360	324	10	12	210	262	260	312	8	12	118×2	71.5×4	644	224	355	571	130	520	380	240	15	4
3.6	424	400	364	10	12	249	293	299	343	8	12	94.5×3	107×3	720	252.5	400	642	149.5	594	450	260	15	4
4	464	440	404	10	12	288	326	338	376	8	20	63×5	71×5	786	274	442	704	169	708	540	340	15	4
4.5	516	490	456	10	12	315	360	375	420	10	20	70×5	79×5	885	311.5	487	781	187.5	740	545	340	15	4
5	586	550	506	10	12	336	406	396	466	10	16	92×4	110×4	990	349	555	890	198.5	856	675	406	15	4
5.5	636	600	556	10	16	394	446	464	516	10	24	70×5	80×5	1091	385	610	969	232.5	989	775	440	15	4
6	686	650	606	10	16	398	487	468	557	12	16	110×4	132×4	1187	419.5	652	1051	234.5	773	620	496	18	4

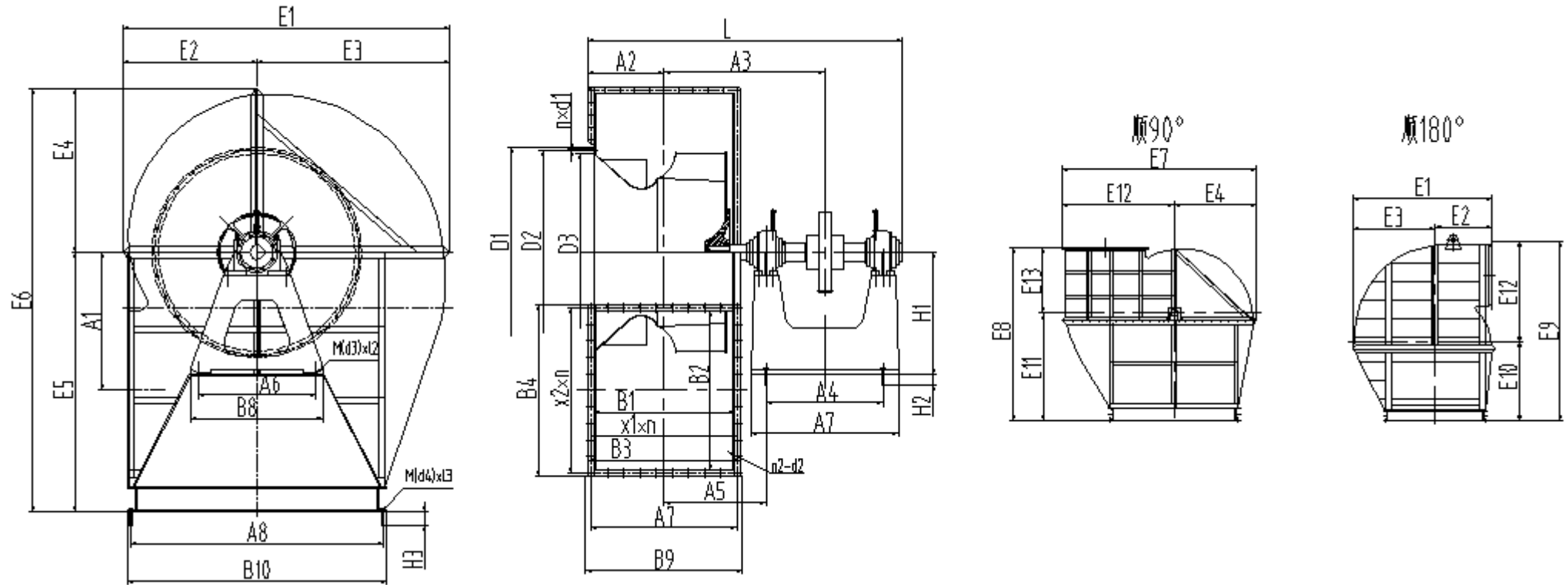
Shuangcheng Blower



Shape and Installation Size Chart of Model 4-72 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size							Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H1	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity
6	686	650	606	10	16	398	487	468	557	12	16	110×4	132×4	1684	1187	419.5	671	1070	234.5	875	1385	790	65	15	6
7	806	750	706	10	16	464	567	564	667	15	16	130×4	154×4	1865.5	1395	491	785	1283	282	1109	1500	970	87	18	5
8	906	860	806	12	16	570	641	670	741	15	20	125×5	140×5	2169	1570	556.5	880	1433	335	1211	1750	1080	87	18	6
10	1108	1065	1008	15	16	771	808	837	934	15	20	155×5	175×5	2610	1963	693	1080	1763	419	1716	1950	1570	87	18	8
12	1336	1270	1200	15	24	854	968	980	1094	15	24	155×6	174×6	2999	2321	822	1280	2063	546	2178	2340	2025	87	18	10

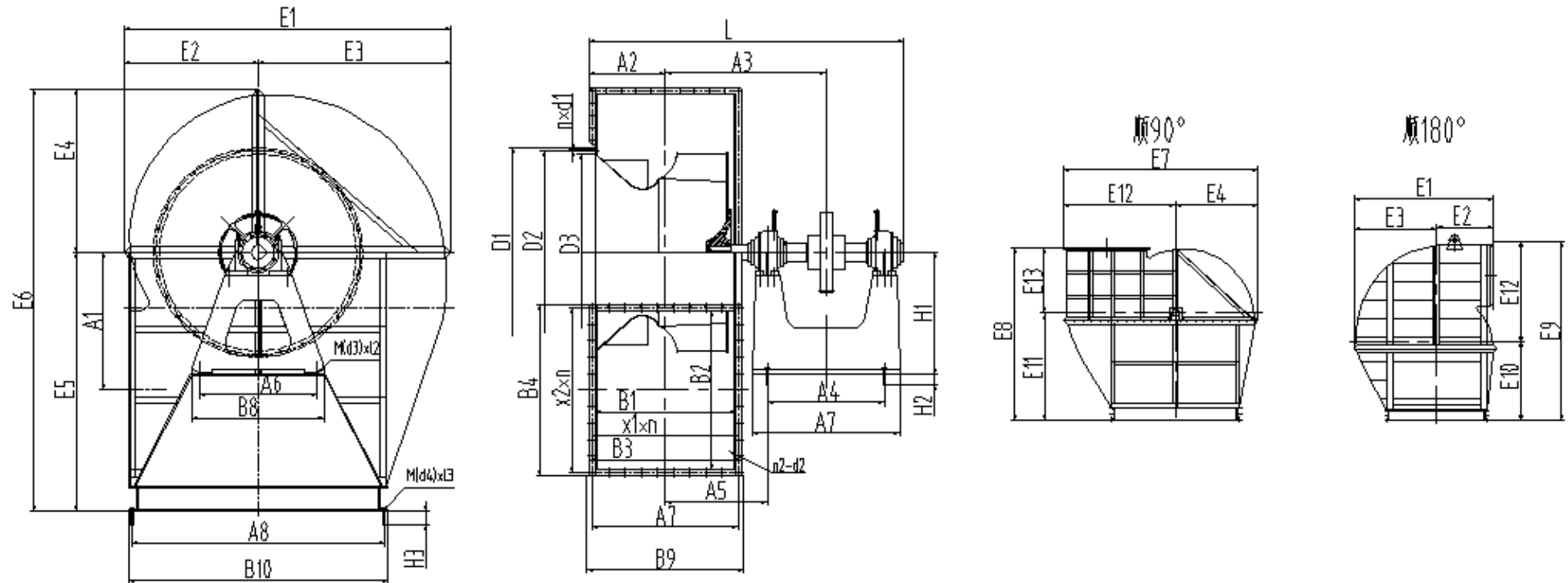
Shuangcheng Blower



Shape and Installation Size Chart of Model 4-72 B Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size											
	D1	D2	D3	Coupling bolt		B1	B2	B3	B4	Coupling bolt				A1	A2	A3	A4	A5	A6	A7	A8	B7	B8	B9	B10
				d1	n1					d2	n2	x1×n	x2×n												
16	1700	1660	1600	15	28	1120	1280	1232	1380	15	38	132×9	134×10	1120	616	1303	950	828	950	1210	1680	1200	1070	1282	2086
20	2120	2070	2000	15	32	1400	1600	1538	1735	15	40	164×9	152×11	1400	769	1429	950	954	950	1520	2000	1200	1070	1612	3328

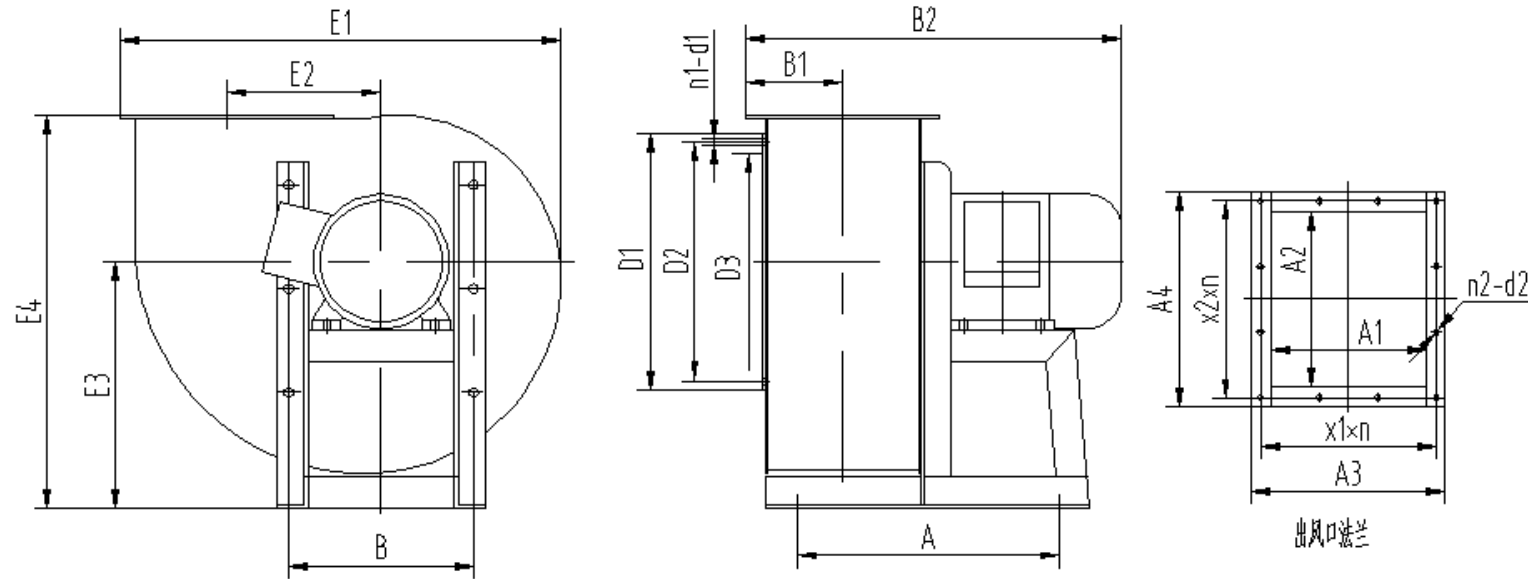
Shuangcheng Blower



Shape and Installation Size Chart of Model 4-72 B Centrifugal Blower

No.	Shape Size																		
	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	H1	H2	H3	L	Anchor bolt	
																		M (d3)×L2	M (d4)×L3
16	2653	1085	1568	1326.5	1900	3226.5	3139	2593	3113	1300	1550	1813	1043	985	695	565	2508	M30×800	M24×600
20	3328	1367.5	1960.5	1659.5	2350	4009.5	3927	3317.5	3917.5	1650	1950	2267.5	1367.5	985	695	735	2787	M30×800	M30×800

Shuangcheng Blower



Shape and Installation Size Chart of Model 4-72II A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4.2	496	470	436	10	12	306	350	356	400	8	16	83.25×4	93.75×4	851	301	477	762.5	178	726	555	340	15	4
4.5	516	490	456	10	12	315	360	375	420	10	20	70×5	79×5	885	311.5	487	781	187.5	740	545	340	15	4
4.7	536	510	476	10	12	315	360	375	420	10	20	70×5	79×5	885	311.5	500	794	187.5	835	655	406	15	4
5	586	550	506	10	12	336	406	396	466	10	16	92×4	110×4	990	349	555	890	198.5	856	675	406	15	4
5.2	606	570	526	10	12	336	406	396	466	10	16	92×4	110×4	990	349	555	890	198.5	856	675	406	15	4
5.5	636	600	556	10	16	394	446	464	516	10	24	70×5	80×5	1091	385	610	969	232.5	989	775	440	15	4
5.7	656	620	576	10	16	394	446	464	516	10	24	70×5	80×5	1091	385	610	969	232.5	1094	845	470	18	4

Model 4-79

Centrifugal Blower

1. 1Model 4-79 Centrifugal Blower may be used for the indoor ventilation in ordinary factory or in large-scale building, conveying air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The dust or grain matter is no more than 150mg/m³ . The gas temperature is no higher than 80°C.

Shuangcheng Blower

Model 4-79 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
3	A	2900	1	1970	1970	Y90S-2	1.5
			2	2180	1167		
			3	2430	1157		
			4	2670	1118		
			5	2900	1069		
			6	3130	1040		
			7	3480	892		
			8	3830	726		
3	A	1450	1	990	304	Y802-4	0.75
			2	1100	294		
			3	1220	284		
			4	1340	275		
			5	1450	265		
			6	1560	255		
			7	1740	226		
			8	1910	177		
3.5	A	2900	1	3120	1628	Y100L-2	3
			2	3460	1589		
			3	3860	1569		
			4	4240	1510		
			5	4600	1461		
			6	4960	1422		
			7	5520	1206		
			8	6070	981		
3.5	A	1450	1	1560	412	Y90S-4	1.1
			2	1750	402		
			3	1930	392		
			4	2120	382		
			5	2300	363		
			6	2480	353		
			7	2760	304		
			8	3040	245		

Shuangcheng Blower

Model 4-79

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
4	A	2900	1	4670	2138	Y132S1-2	5.5
			2	5220	2079		
			3	5760	2050		
			4	6310	1981		
			5	6860	1902		
			6	7410	1853		
			7	8240	1579		
			8	9080	1275		
4	A	1450	1	2330	530	Y90S-4	1.1
			2	2610	520		
			3	2880	510		
			4	3160	490		
			5	3430	481		
			6	3710	461		
			7	4120	392		
			8	4540	324		
4.5	A	2900	1	6640	2697	Y160M1-2	11
			2	7440	2628		
			3	8200	2599		
			4	8990	2511		
			5	9790	2412		
			6	10550	2344		
			7	11720	2001		
			8	12920	1618		
4.5	A	1450	1	3320	677	Y90S-4	1.5
			2	3720	657		
			3	4110	647		
			4	4510	628		
			5	4890	598		
			6	5270	588		
			7	5860	500		
			8	6450	402		

Shuangcheng Blower

Model 4-79

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
5	A	2900	1	9100	3334	Y160M2-2	15
			2	10200	3256		
			3	11250	3217		
			4	12350	3099		
			5	13410	2981		
			6	14480	2903		
			7	16100	2471		
			8	17720	2001		
5	A	1450	1	4560	834	Y100L-1-4	2.2
			2	5100	814		
			3	5630	804		
			4	6180	775		
			5	6710	745		
			6	7240	726		
			7	8050	618		
			8	8860	500		
5.5	A	2900	1	12112	4034	Y180M-2	22
			2	13576	3940		
			3	14973	3893		
			4	16438	3750		
			5	17848	3607		
			6	19273	3513		
			7	21430	2990		
			8	23585	2421		
6	A	1450	1	7890	1196	Y132S-4	5.5
			2	8820	1177		
			3	9740	1157		
			4	10700	1118		
			5	11600	1069		
			6	12520	1040		
			7	13920	892		
			8	15320	706		
6	A	960	1	5230	530	Y100L-6	1.5
			2	5840	520		
			3	6420	510		
			4	7080	490		
			5	7680	471		
			6	8290	451		
			7	9220	402		
			8	10100	314		

Model 4-79

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
7	C	1800	1	15580	2501	Y180L-4	22
			2	17400	2461		
			3	19200	2422		
			4	21000	2334		
			5	22860	2236		
			6	24700	2177		
			7	27600	1873		
			8	30200	1481		
7	C	1600	1	13850	1917	Y160L-4	15
			2	15450	1942		
			3	17100	1912		
			4	18750	1844		
			5	20300	1765		
			6	21950	1716		
			7	24500	1481		
			8	26850	1167		
7	C	1250	1	10820	1206	Y132M-4	7.5
			2	12120	1187		
			3	13340	1167		
			4	14650	1128		
			5	15850	1079		
			6	17150	1049		
			7	19160	902		
			8	20850	716		
7	C	1120	1	9650	971	Y132S-4	5.5
			2	10830	951		
			3	11950	932		
			4	13100	902		
			5	14200	863		
			6	15350	843		
			7	17200	726		
			8	18800	549		

Model 4-79

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
7	C	1000	1	8650	775	Y112M-4	4
			2	9660	755		
			3	10660	745		
			4	11700	716		
			5	12700	686		
			6	13700	667		
			7	15300	578		
			8	16800	461		
7	C	900	1	7780	628	Y100L2-4	3
			2	8690	608		
			3	9600	598		
			4	10500	579		
			5	11400	559		
			6	12300	539		
			7	13800	471		
			8	15100	373		
7	C	800	1	6920	500	Y100L1-4	2.2
			2	7730	481		
			3	8400	471		
			4	9360	461		
			5	10160	441		
			6	10970	422		
			7	12240	373		
			8	13440	294		
7	C	710	1	6110	392	Y90L-4	1.5
			2	6850	382		
			3	7560	373		
			4	8310	363		
			5	9020	343		
			6	9730	333		
			7	10870	294		
			8	11900	235		

Model 4-79

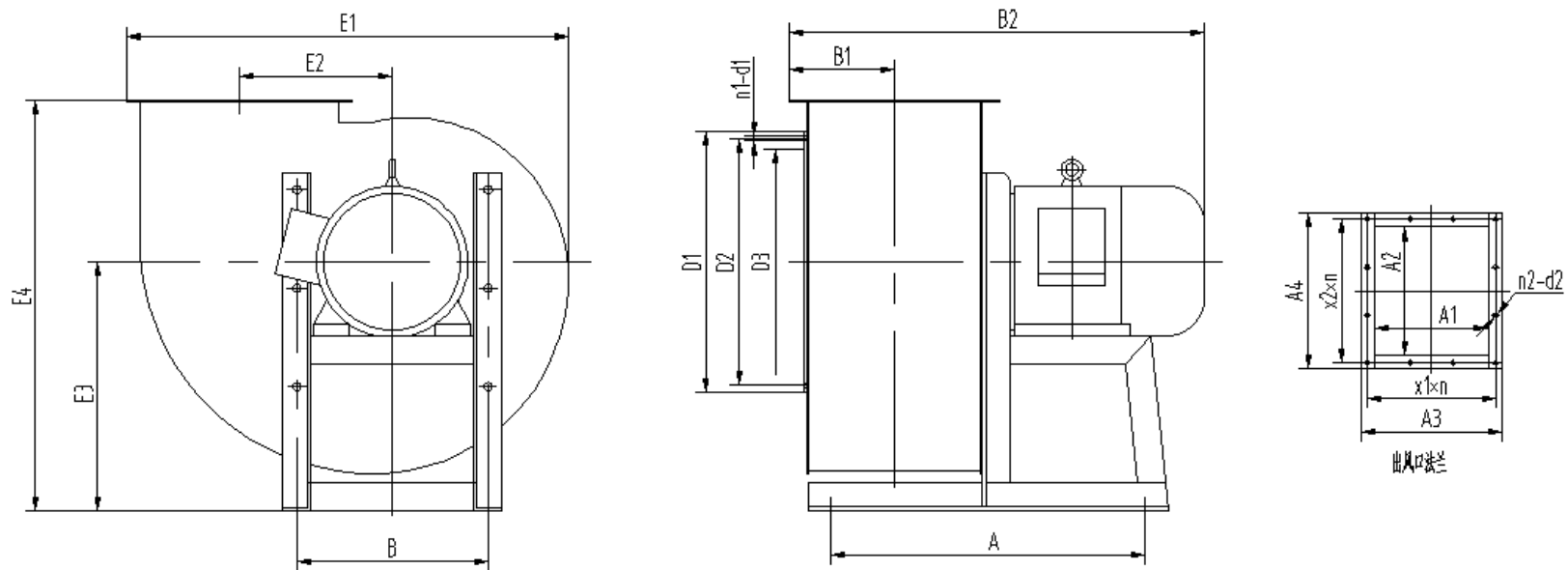
No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
8	C	1600	1	21500	2491	Y200L-4	30
			2	24000	2452		
			3	26500	2422		
			4	2920	2334		
			5	31600	2236		
			6	34200	2177		
			7	38100	1873		
			8	41700	1481		
8	C	1270	1	17100	1569	Y160L-4	15
			2	19100	1549		
			3	21050	1530		
			4	23200	1471		
			5	25100	1412		
			6	27100	1373		
			7	30200	1177		
			8	33100	932		
8	C	1120	1	15050	1226	Y160M-4	11
			2	16800	1206		
			3	18550	1187		
			4	20400	1147		
			5	22100	1098		
			6	23900	1069		
			7	26700	922		
			8	29200	726		
8	C	1000	1	13450	971	Y132M-4	7.5
			2	15000	961		
			3	16550	951		
			4	18500	912		
			5	19750	873		
			6	21400	853		
			7	23800	735		
			8	26050	579		

Shuangcheng Blower

Model 4-79

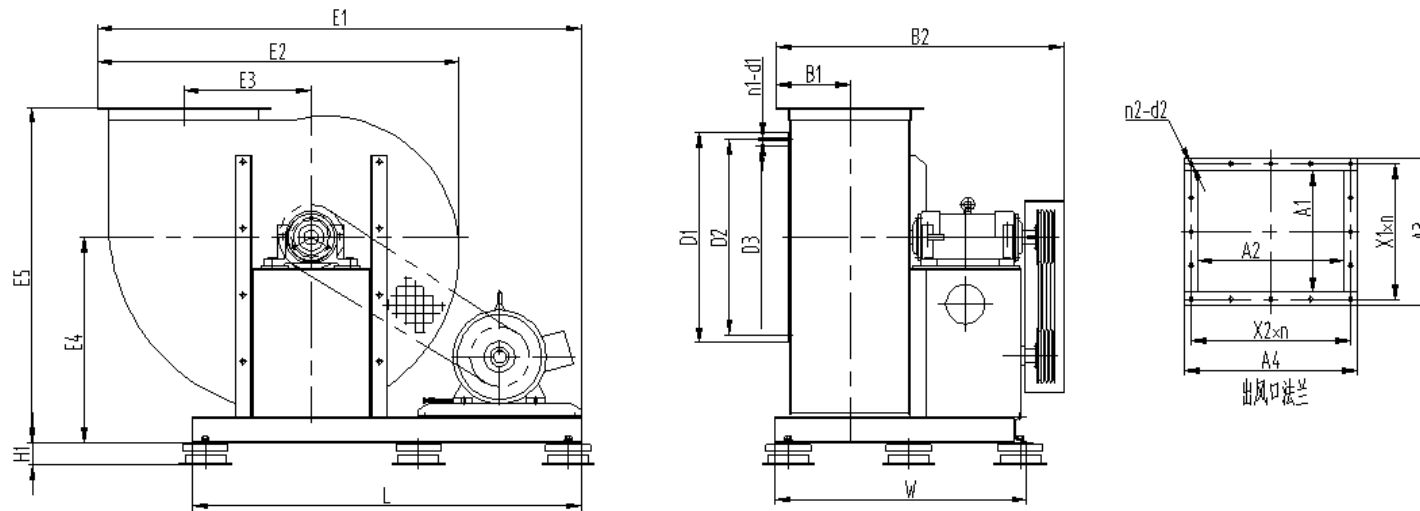
No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
8	C	900	1	12100	785	Y132S-4	5.5
			2	13500	775		
			3	14900	765		
			4	16650	735		
			5	17800	706		
			6	19250	686		
			7	21400	598		
			8	23500	471		
8	C	800	1	10760	618	Y112M-4	4
			2	12000	613		
			3	13250	608		
			4	14800	579		
			5	15800	559		
			6	17130	549		
			7	19050	471		
			8	20850	353		
8	C	710	1	9520	490	Y100L2-4	3
			2	10660	471		
			3	11750	466		
			4	13140	461		
			5	14030	441		
			6	15200	431		
			7	16900	373		
			8	18800	294		
8	C	630	1	8450	387	Y112M-6	2.2
			2	94601	382		
			3	10430	378		
			4	11670	363		
			5	12450	343		
			6	13500	333		
			7	15000	294		
			8	16450	226		

Shuangcheng Blower



Shape and Installation Size Chart of Model 4-79 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt	
				d1	n1					d2	n2	x1×n	x2×n									hole	
																						Φ	quantity
3	364	335	304	10	8	236	254	286	304	10	14	87×3	70×4	588	203	330	546	143	521	375	240	15	4
3.5	424	388	354	10	8	277	298	327	348	10	12	100.7×3	107.7×3	682	236	380	632	163.5	620	540	260	15	4
4	464	440	404	10	12	313	342	373	402	10	18	86×4	74×5	786	272	442	730	186.5	738	560	340	15	4
4.5	516	490	456	10	16	354	382	434	462	10	18	98.5×4	85×5	882	305.5	500	824	217	884	695	406	15	4
5	586	550	506	10	16	393	426	473	506	10	18	110×4	94×5	982	340	555	915	237	923	735	406	15	4
5.5	636	600	556	10	16	432	468	512	548	10	18	119×4	102×5	1075	375	610	1006	256	1032	810	440	15	4
6	686	650	606	10	16	478	656	548	730	10	22	102×5	115×6	1270	389	665	1133	274	908	820	496	18	4



Shape and Installation Size Chart of Model 4-79 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H1	Anchor bolt		
				bolt						d2	n2	x1×n	x2×n											hole		
																								d1	n1	Φ
7	806	750	706	12	12	546	758	626	838	10	24	118×5	115×7	1951	1479	457	835	1381	279	1147	1565	1050	87	18	5	
8	916	860	806	12	12	624	866	704	946	10	24	133×5	130×7	2036	1650.5	521	885	1459	312	1219	1570	1140	87	18	6	

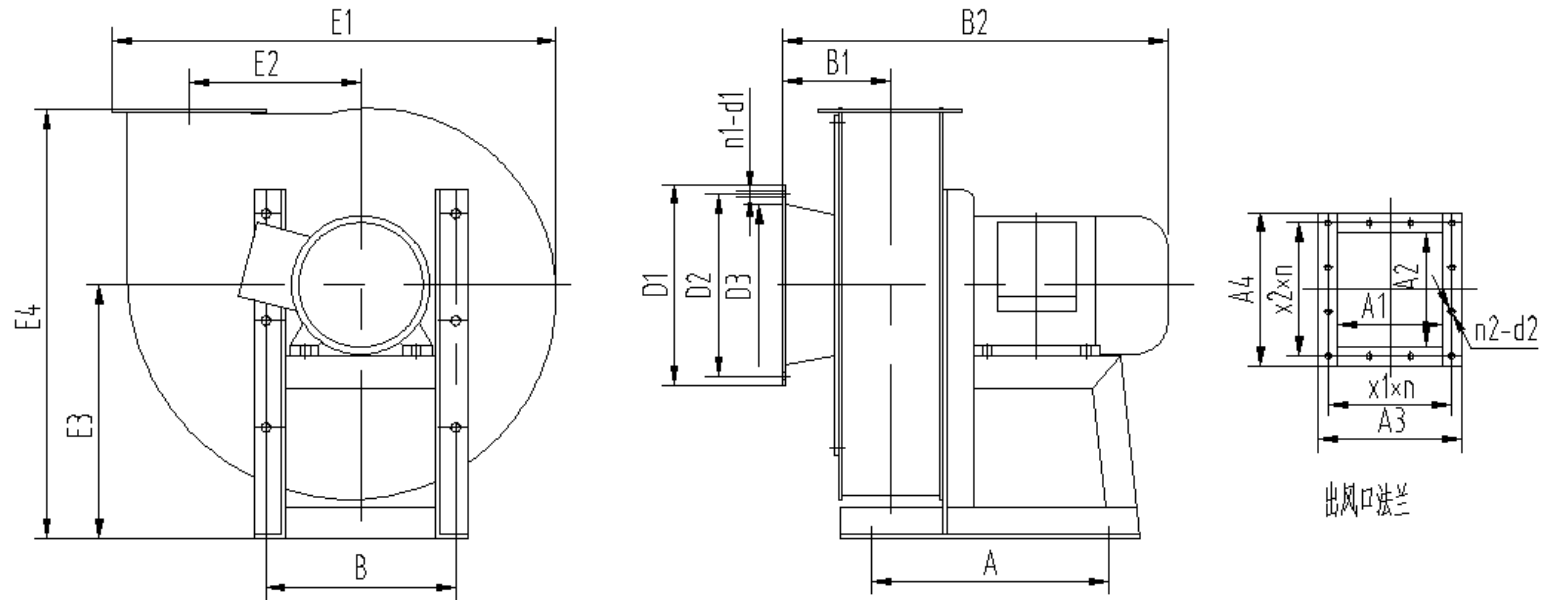
Model 5-29

Centrifugal Blower

Model 5-29 Centrifugal Blower is generally used in the conveying of grain or powder, as well as widely used in the conveying of air or other gas which may not self-ignite, do not contain glutinous matter. The medium temperature is no more than 50°C (no more than 80°C of the highest temperature). The dust or grain matter contained in the medium is no more than 150mg/m³.

Model 5-29 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
6	A	2920	1	4000	6100	Y160M ₁ -2	11
			2	5000	5700		
			3	5500	5300		
			4	6000	4900		
			5	6500	4400		
			6	7000	3800		
6.4	A	2930	1	3000	7250	Y160M2-2	15
			2	4000	7150		
			3	5000	7000		
			4	6000	6600		
			5	7000	5850		
			6	8000	5100		
6.7	A	2930	1	5000	7500	Y180M-2	22
			2	6000	7250		
			3	7000	7000		
			4	8000	6600		
			5	9000	6000		
			6	10000	5500		
6.9	D	2940	1	6000	7600	Y200L ₁ -2	30
			2	7000	7500		
			3	8000	7300		
			4	9000	7000		
			5	10000	6500		
			6	11000	6000		
7.2	D	2950	1	7000	9750	Y200L ₂ -2	37
			2	8000	9770		
			3	9000	9500		
			4	10000	9100		
			5	11000	8800		
			6	12000	8250		



Shape and Installation Size Chart of Model 5-29 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
6	366	340	306	10	12	158	308	218	368	10	12	95×2	85×4	1071	447	595	961	199	768	500	406	15	4
6.4	386	360	326	10	12	170	328	230	388	10	10	100×2	120×3	1136	476	620	1010	213	788	510	406	15	4
6.7	401	370	341	10	12	177	343	237	403	10	10	104×2	124×3	1185	498	655	1063	222.5	871	560	440	15	4
6.9	411	380	351	10	12	182	353	242	413	10	12	106×2	96×4	1221	512	670	1090	232	883	560	440	15	4

Model 5-36

Centrifugal Blower

Model 5-36 Centrifugal Blower is mainly used in the ventilation and dust catching. The dust and hard grain mater is no more than 150mg/m³. Model Y5-36 adopts mainly for the exhaust treatment of civil boiler. The gas temperature conveyed is no higher than 200℃.

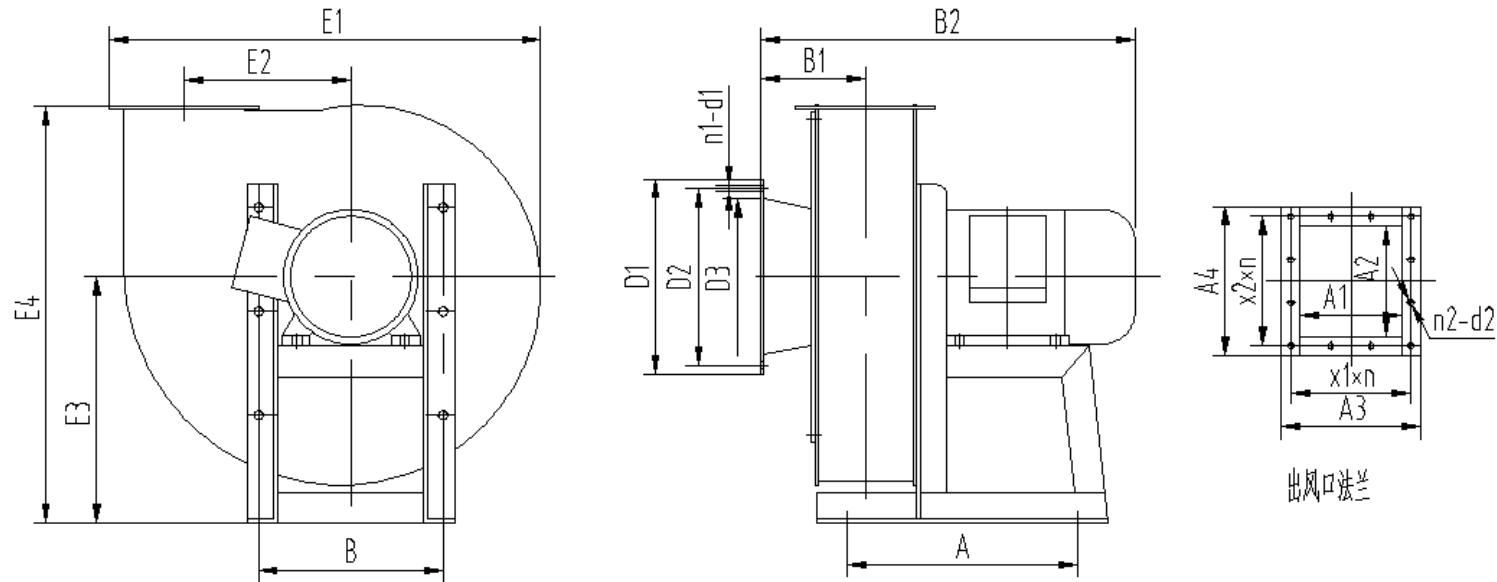
Model 5-36 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
3.8	A	2900	1	1300	2128	1.32	Y90L-2	2.2
			2	1423	2042	1.38		
			3	1548	2000	1.47		
			4	1670	1967	1.56		
			5	1795	1926	1.65		
			6	1917	1885	1.72		
			7	2167	1844	1.90		
4	A	2900	1	1350	2716	1.75	Y100L-2	3
			2	1515	2605	1.88		
			3	1686	2545	2.04		
			4	1855	2490	2.20		
			5	2022	2438	2.35		
			6	2191	2380	2.48		
			7	2527	2324	2.80		
4.5	A	2900	1	1850	3236	2.85	Y112M-2	4
			2	1982	3070	2.90		
			3	2110	2983	3.00		
			4	2248	2900	3.10		
			5	2380	2810	3.18		
			6	2511	2732	3.27		
			7	2780	2648	3.51		
5	A	2900	1	3606	3383	5.19	Y132S ₂ -2	5.5
			2	3740	3298	5.25		
			3	3876	3215	5.30		
			4	4010	3132	5.35		
			5	4146	3050	5.38		
			6	4281	2960	5.40		
			7	4418	2883	5.42		
5.5	A	2900	1	3545	5021	7.58	Y160M ₁ -2	11
			2	3800	4933	7.98		
			3	4065	4855	8.40		
			4	4322	4770	8.78		
			5	4580	4690	9.15		
			6	4840	4612	9.50		
			7	5100	4531	9.84		

Shuangcheng Blower

Model 5-36

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
5.5	D	1450	1	2007	1295	1.24	Y90L-4	1.5
			2	2140	1275	1.30		
			3	2270	1252	1.35		
			4	2400	1230	1.41		
			5	2535	1210	1.46		
			6	2670	1188	1.51		
			7	2800	1167	1.55		
6	D	1450	1	2609	1363	1.62	Y100L1-4	2.2
			2	2800	1340	1.79		
			3	3000	1310	1.87		
			4	3180	1285	1.95		
			5	3365	1258	2.02		
			6	3556	1230	2.08		
			7	3744	1206	2.15		
6.5	D	1450	1	3384	1667	2.69	Y100L2-4	3
			2	3600	1590	2.72		
			3	3820	1520	2.76		
			4	4040	1450	2.78		
			5	4260	1377	2.79		
			6	4480	1305	2.78		
			7	4700	1236	2.77		



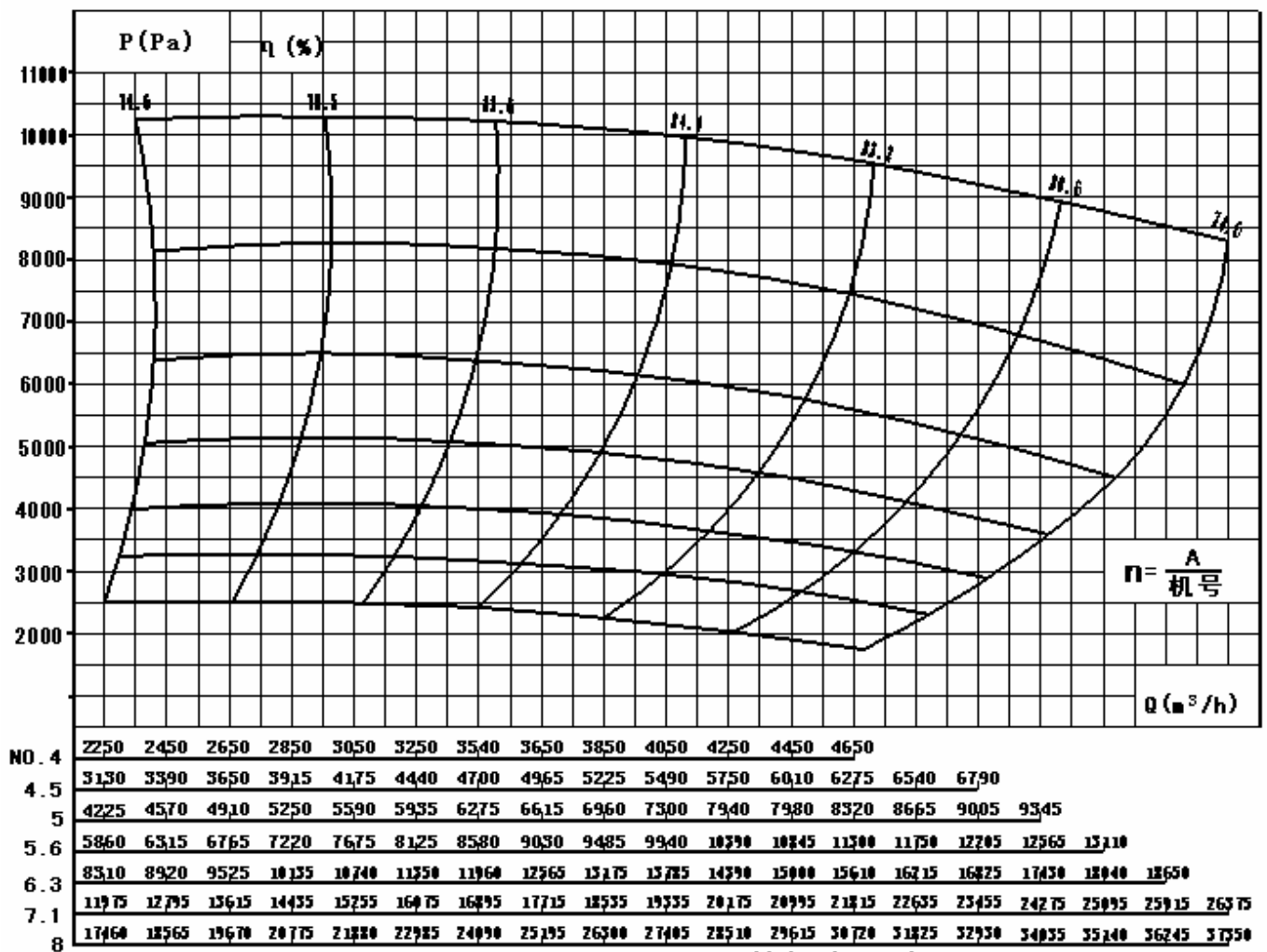
Shape and Installation Size Chart of Model 5-36 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
3.6	234	205	184	8	8	126	136	176	186	8	10	77×2	54×3	535	207.5	305	517	122	470	300	240	15	4
3.8	254	230	204	10	8	132	144	182	194	8	12	52×3	56×3	561	217	320	542	136.5	487	300	240	15	4
4	254	230	204	10	8	140	149	190	199	8	12	54×3	57×3	591	231.5	335	570	140.5	530	340	260	15	4
4.5	306	280	256	10	8	156	167	206	217	8	12	60×3	63×3	660	260	377	637	148	566	385	300	15	4
5	306	280	256	10	8	172	182	223	235	12	16	50×4	53×4	742.5	296	417	714	174	655	425	340	15	4
5.5	406	380	356	10	12	189	212	239	262	12	16	54×4	59×4	803	315.5	460	787	179.5	764	530	406	15	4

Model 5-48-12

Centrifugal Blower

1.1 Model 5-48-12 Centrifugal Blower applies to the dust catching system in the rice processing industry, as well as for the indoor ventilation in ordinary factory or in large-scale building, conveying air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The dust or grain matter is no more than $150\text{mg}/\text{m}^3$. The gas temperature is no higher than 80°C .



5-48-12No. 4--8综合性能曲线图

Shuangcheng Blower

Model 5-48-12 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
4	A	2900	1	2250	2500	2.27	Y100L-2	3
			2	2650	2510	2.68		
			3	3050	2490	3.06		
			4	3540	2410	3.44	Y112M-2	4
			5	3850	2260	3.50		
			6	4250	2050	3.51		
			7	4650	1790	3.58		
4.5	A	2900	1	3130	3200	4.04	Y132S2-2	7.5
			2	3650	3250	4.78		
			3	4180	3230	5.44		
			4	4700	3190	6.05		
			5	5230	3010	6.35		
			6	5750	2800	6.49		
			7	6275	2520	6.53		
			8	6540	2390	6.72		
5	A	2900	1	4230	3950	6.74	Y160M1-2	11
			2	4910	4100	8.12		
			3	5590	4140	9.33		
			4	6275	4000	10.12		
			5	6960	3820	10.72		
			6	7940	3650	11.18		
			7	8320	3300	11.35		
			8	9005	2960	11.46		
5.6	A	2900	1	6315	5060	12.88	Y160L-2	18.5
			2	7220	5200	15.14		
			3	8125	5100	16.71		
			4	9030	4980	18.13		
			5	9940	4790	19.20	Y180M-2	22
			6	10845	4495	19.65		
			7	11750	4090	19.61		
			8	12570	3640	19.68		

Shuangcheng Blower

Model 5-48-12

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
6.3	A	2900	1	8920	6370	22.91	Y200L ₁ -2	30
			2	10135	6450	26.36		
			3	11350	6410	29.34		
			4	12570	6300	31.93	Y200L ₂ -2	37
			5	13783	6100	33.90		
			6	15000	5700	34.47		
			7	16215	5380	35.17		
			8	17430	4850	35.21		
			9	18040	4550	35.31		
6.3	C	2800	1	8146	6087	19.99	Y200L ₁ -2	30
			2	9255	6163	23.00		
			3	10365	6125	25.60		
			4	11480	6020	27.86		
			5	12587	5829	29.58		
			6	13698	5447	30.08		
			7	14808	5141	30.69		
			8	15917	4634	30.72		
			9	16474	4348	30.81		
6.3	C	2700	1	7575	5870	17.92	Y180M-2	22
			2	8606	5942	20.62		
			3	9638	5906	22.95		
			4	10675	5805	24.98	Y200L ₁ -2	30
			5	11704	5621	26.52		
			6	12737	5252	26.97		
			7	13769	4957	27.51		
			8	14800	4469	27.54		
			9	15318	4193	27.62		
6.3	C	2600	1	7024	5653	16.00	Y180M-2	22
			2	7980	5722	18.41		
			3	8937	5687	20.49		
			4	9899	5590	22.30		
			5	10853	5412	23.68	Y200L ₁ -2	30
			6	11811	5058	24.08		
			7	12768	4773	24.56		
			8	13724	4304	24.59		
			9	14204	4038	24.66		

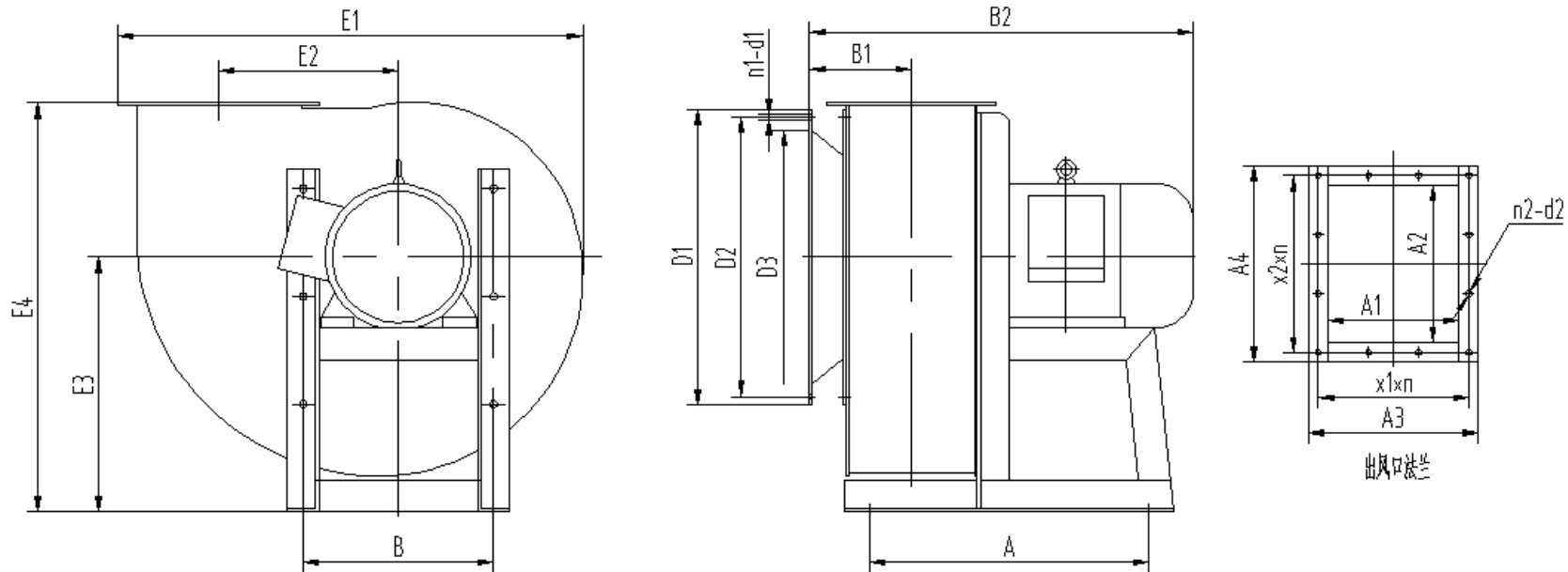
Model 5-48-12

No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
7.1	A	2900	1	12795	8190	42.25	Y250M-2	55
			2	14435	8250	48.02		
			3	16075	8230	53.34		
			4	17715	8100	57.86	Y280S-2	75
			5	19355	7900	61.59		
			6	20995	7600	64.34		
			7	22635	7200	64.93		
			8	24275	6700	65.58		
			9	25915	6100	68.01		
7.1	C	2800	1	11685	7827	36.87	Y250M-2	55
			2	13183	7883	41.91		
			3	14680	7865	46.55		
			4	16178	7740	50.50		
			5	17676	7549	53.75	Y280S-2	75
			6	19173	7263	56.15		
			7	20671	6880	56.40		
			8	22170	6403	57.23		
			9	23666	5829	59.35		
7.1	C	2700	1	10865	7548	33.06	Y225M-2	45
			2	12258	7602	37.58		
			3	13650	7584	41.74		
			4	15043	7464	45.28		
			5	16436	7279	48.19	Y250M-2	55
			6	17828	7004	50.35		
			7	19221	6634	50.57		
			8	20615	6174	51.31		
			9	22006	5621	53.21		
7.1	C	2600	1	10075	7268	29.52	Y225M-2	45
			2	11367	7320	33.58		
			3	12658	7303	37.27		
			4	13950	7188	40.43		
			5	15241	7009	43.03		
			6	16532	6745	44.96		
			7	17824	6388	45.16		
			8	19116	5945	45.82	Y250M-2	55
			9	20406	5413	47.51		

Model 5-48-12

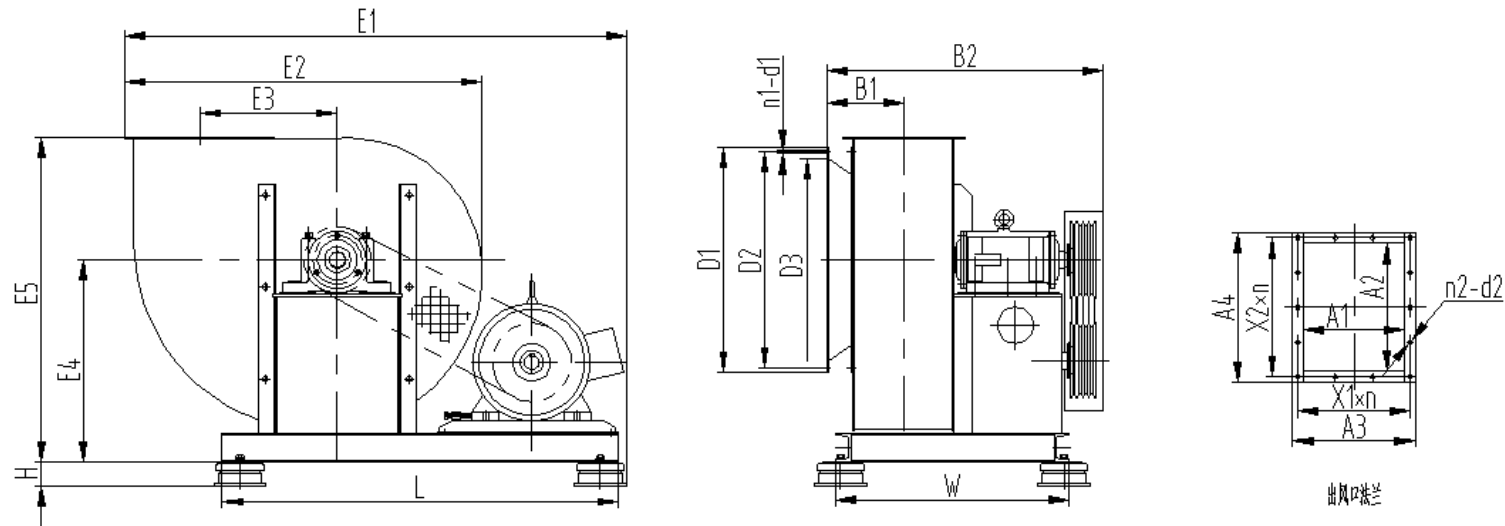
No.	Type	r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
8	C	2900	1	18050	10240	74.53	Y280M-2	90
			2	19670	10290	81.61		
			3	21880	10250	90.43		
			4	24090	10160	98.69		
			5	26300	10000	106.05		
			6	28510	9840	113.12		
			7	30720	9580	118.66		
			8	32930	9320	123.75		
			9	35140	8800	126.26		
			10	37450	8320	134.01		
8	C	2500	1	13141	8737	46.30	Y280S-2	75
			2	14320	8780	50.69		
			3	15929	8746	56.17		
			4	17538	8670	61.30		
			5	19147	8532	65.88		
			6	20756	8396	70.27		
			7	22365	8174	73.71		
			8	23974	7952	76.87	Y280M-2	90
			9	25583	7509	78.43		
			10	27264	7100	83.24		
8	C	2000	1	8410	6989	23.71	Y200L ₂ -2	37
			2	9165	7024	25.95		
			3	10195	6997	28.76		
			4	11224	6936	31.39		
			5	12254	6826	33.73		
			6	13284	6717	35.98		
			7	14314	6539	37.74	Y225M-2	45
			8	15343	6362	39.36		
			9	16373	6007	40.16		
			10	17449	5680	42.62		

Shuangcheng Blower



Shape and Installation Size Chart of Model 5-48A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	466	440	406	10	12	207	249	267	309	10	12	79×3	93×3	733	283	402	645	161	604	440	300	15	4
4.5	526	495	456	10	12	233	286	303	356	10	14	87×3	79×4	820	315	447	721	174.5	686	485	340	15	4
5	576	540	506	12	16	258	317	328	387	10	12	97×3	119×3	906	350	505	809	201	820	600	406	15	4
5.6	626	600	566	12	16	280	354	340	414	12	14	104×3	96.5×4	991	382	555	896	212	912	660	440	15	4
6.3	626	600	566	12	12	325	416	385	476	12	18	89×4	89×5	1134	433	625	1018	228.5	1056	780	470	18	4



Shape and Installation Size Chart of Model 5-48 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size							Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity
4.5	526	495	456	10	12	233	286	303	356	10	14	87×3	79×4	1273	820	315	476	750	174.5	711	1100	605	65	15	4
5	576	540	506	12	16	258	317	328	387	10	12	97×3	119×3	1323	906	350	521	825	201	748	1100	620	65	15	4
5.6	626	600	566	12	16	280	354	340	414	12	14	104×3	96.5×4	1369	991	382	560	901	212	767	1100	650	65	15	4
6.3	626	600	566	12	12	325	416	385	476	12	18	89×4	89×5	1601	1134	433	673	1066	278.5	862	1280	695	65	15	4
7.1	745	695	635	12	12	365	468	425	528	12	18	98×4	99×5	1953.5	1275.5	489.5	728	1171	257.5	908	1600	735	87	18	6
8	906	860	806	15	16	410	514	510	614	15	22	92×5	95×6	1975	1444	558	820	1318	323	1390	1640	1170	87	18	6

Model 6-23、6-30 Centrifugal Blower

Model 6-23、6-30 Centrifugal Blower is generally used in the conveying of grain or powder, as well as widely used in the conveying of air or other gas which may not self-ignite, do not contain glutinous matter. The medium temperature is no more than 50°C (no more than 80°C of the highest temperature). The dust or grain matter contained in the medium is no more than 150mg/m³. Centrifugal Blower is generally used in the conveying of grain or powder, as well as widely used in the conveying of air or other gas which may not self-ignite, do not contain glutinous matter. The medium temperature is no more than 50°C (no more than 80°C of the highest temperature). The dust or grain matter contained in the medium is no more than 150mg/m³.

Shuangcheng Blower

Model 6-23 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	Power kW
4	A	2840	1	2617	682	0.84	Y90L-2	2.2
			2	2542	802	0.86		
			3	2529	921	0.94		
			4	2328	1015	1.01		
			5	2196	1108	1.06		
			6	2065	1202	1.11		
			7	1863	1296	1.15		
5	A	2880	1	4090	1332	2.56	Y112M-2	4
			2	3972	1566	2.63		
			3	3952	1799	2.87		
			4	3638	1982	3.06		
			5	3432	2165	3.23		
			6	3226	2348	3.38		
			7	2911	2532	3.52		
5	C	2500	1	3082	1156	1.67	Y100L-2	3
			2	2993	1359	1.72		
			3	2978	1561	1.88		
			4	2741	1720	2.00		
			5	2586	1879	2.11		
			6	2461	2038	2.21		
			7	2193	2198	2.30		
6	A	2900	1	5884	2301	6.23	Y160M-2	11
			2	5717	2706	6.94		
			3	5688	3108	7.72		
			4	5237	3424	7.91		
			5	4943	3741	8.34		
			6	4648	4057	8.71		
			7	4305	4375	8.99		
6	C	2500	1	4373	1984	3.99	Y132S2-2	7.5
			2	4249	2333	4.45		
			3	4227	2679	4.95		
			4	3892	2952	5.07		
			5	3673	3225	5.34		
			6	3454	3497	5.58		
			7	3199	3772	5.76		

Shuangcheng Blower

Model 6-23

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	Power kW
6	C	2400	1	4080	1917	3.61	Y132S-2	5.5
			2	3972	2255	4.02		
			3	3952	2590	4.47		
			4	3638	2853	4.58		
			5	3432	3117	4.83		
			6	3226	3381	5.05		
			7	2991	3646	5.21		
6	C	2000	1	2834	1598	2.09	Y100L-2	3
			2	2756	1879	2.32		
			3	2736	2158	2.59		
			4	2520	2378	2.65		
			5	2383	2598	2.79		
			6	2236	2817	2.92		
			7	2079	3038	3.01		
7	A	2930	1	8012	3655	13.47	Y160M ₂ -2	15
			2	7786	4297	15.01		
			3	7738	4936	16.69	Y160L-2	18.5
			4	7129	5438	17.09		
			5	6727	5941	18.03		
			6	6325	6443	18.84		
			7	5864	6948	19.42		
7	C	2500	1	6032	3173	8.82	Y160M ₂ -2	15
			2	5863	3730	9.82		
			3	5831	4284	10.92		
			4	5373	4721	11.18		
			5	5065	5157	11.80		
			6	4767	5592	12.32		
			7	4416	6031	12.70		
7	C	2400	1	5560	3046	7.80	Y160M1-2	11
			2	5404	3581	8.69		
			3	5374	4113	9.66		
			4	4952	4532	9.89		
			5	4668	4951	10.44		
			6	4393	5369	10.90		
			7	4070	5790	11.24		

Shuangcheng Blower

Model 6-23

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	Power kW
7	C	2000	1	3864	2558	4.51	Y132S2-2	7.5
			2	3756	2984	5.03		
			3	3727	3428	5.59		
			4	3442	3776	5.72		
			5	3246	4126	6.04		
			6	3050	4474	6.29		
			7	2824	4825	6.51		
8	C	2880	1	10474	5456	23.64	Y200L1-2	30
			2	10170	6414	25.88		
			3	10120	7359	28.78		
			4	9316	8118	29.47		
			5	8787	8868	31.10	Y200L2-2	37
			6	8257	9683	32.50		
			7	7659	10371	33.50		
8	C	2500	1	7893	4736	15.85	Y180M-2	22
			2	7657	5568	17.66		
			3	7622	6397	19.66		
			4	7024	7047	20.12		
			5	6625	7698	21.22		
			6	6228	8404	22.20		
			7	5774	9002	22.85		
8	C	1800	1	4276	3486	6.32	Y132M-4	7.5
			2	4148	4098	7.04		
			3	4129	4708	7.84		
			4	3805	5187	8.02	Y160M1-4	11
			5	3589	5666	8.46		
			6	3374	6186	8.85		
			7	3128	6626	9.11		
8	C	1500	1	2844	2842	3.44	Y112M-4	4
			2	2756	3341	3.82		
			3	2746	3838	4.25		
			4	2530	4228	4.34	Y132S-4	5.5
			5	2383	4619	4.50		
			6	2236	5043	4.79		
			7	2079	5402	4.95		

Shuangcheng Blower

Model 6-30 Centrifugal Blower Datasheet

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	Power kW
3.2	A	2900	1	1835	587	0.44	Y80M2-2	1.1
			2	1784	682	0.48		
			3	1699	872	0.58		
			4	1615	967	0.62		
			5	1442	1157	0.69		
			6	1348	1252	0.789		
4	A	2870	1	2811	1147	1.33	Y100L-2	3
			2	2787	1332	1.48		
			3	2743	1518	1.63		
			4	2655	1703	1.76		
			5	2523	1889	1.89		
			6	2435	2073	2.02		
			7	2253	2260	2.11		
			8	2059	2446	2.38		
4.5	A	2900	1	3558	1633	2.40	Y132S-2	5.5
			2	3527	1897	2.66		
			3	3472	2161	2.94		
			4	3360	2425	3.18		
			5	3193	2689	3.40		
			6	3082	2953	3.64		
			7	2852	3218	3.81		
			8	2606	3482	4.32		
5	A	2900	1	4393	2240	4.06	Y132S2-2	7.5
			2	4354	2602	4.51		
			3	4286	2965	4.98		
			4	4148	3327	5.38		
			5	3942	3689	5.75		
			6	3805	4051	6.16		
			7	3521	4414	6.46		
			8	3217	4776	6.63		
5	C	2500	1	3264	1931	2.60	Y132S1-2	5.5
			2	3236	2243	2.89		
			3	3185	2556	3.19		
			4	3083	2868	3.45		
			5	2930	3180	3.68		
			6	2828	3492	3.95		
			7	2617	3805	4.14		
			8	2391	4117	4.24		

Shuangcheng Blower

Model 6-30

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	Power kW
5.5	A	2930	1	5416	3013	6.77	Y160M ₁ -2	11
			2	5379	3500	7.82		
			3	5295	3988	8.23		
			4	5122	4474	8.63		
			5	4863	4961	9.32		
			6	4692	5448	10.03		
			7	4348	5936	10.24		
			8	3968	6422	10.85		
6	A	2930	1	6446	3912	10.46	Y160M ₂ -2	15
			2	6401	4544	12.09		
			3	6301	5177	13.33		
			4	6095	5808	14.40		
			5	5787	6441	15.39		
			6	5584	7073	15.50		
			7	5174	7706	15.82		
			8	4722	8338	16.77		
6	C	2500	1	4693	3338	6.50	Y160M ₁ -2	11
			2	4660	3877	7.51		
			3	4587	4417	8.28		
			4	4437	4956	8.95		
			5	4213	5496	9.56		
			6	4065	6035	10.25		
			7	3767	6575	10.76		
			8	3438	7114	11.04		
6	C	2200	1	3638	2937	4.60	Y132S ₂ -2	7.5
			2	3609	3412	5.11		
			3	3550	3886	5.65		
			4	3442	4361	6.11		
			5	3266	4836	6.52		
			6	3148	5311	6.98		
			7	2922	5786	7.33		
			8	2667	6261	7.52		

Shuangcheng Blower

Model 6-30

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	
6	C	2000	1	3011	2670	3.46	Y132S1-2	5.5
			2	2981	3102	3.84		
			3	2942	3534	4.24		
			4	2844	3965	4.58		
			5	2697	4397	4.90		
			6	2609	4829	5.26		
			7	2412	5260	5.51		
			8	2207	5962	5.65		
6	C	1800	1	2442	2403	2.52	Y112M-2	4
			2	2422	2792	2.80		
			3	2383	3180	3.10		
			4	2305	3569	3.35		
			5	2187	3957	3.58		
			6	2108	4346	3.83		
			7	1961	4734	4.01		
			8	1785	5123	4.13		
7	C	2500	1	6400	5300	14.71	Y200L1-2	30
			2	6353	6157	16.33		
			3	6249	7013	18.07		
			4	6053	7871	19.52		
			5	5738	8728	20.85		
			6	5543	9584	22.37		
			7	5137	10442	23.44		
			8	4922	12500	25.14		
7	C	2250	1	5184	4770	10.72	Y160L-2	18.5
			2	5146	5541	11.91		
			3	5062	6312	13.17		
			4	4903	7084	14.23		
			5	4648	7855	15.20		
			6	4490	8626	16.31		
			7	4161	9398	17.08		
			8	3797	10168	17.55		

Shuangcheng Blower

Model 6-30

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	功率 Power kW
7	C	2020	1	4178	4282	7.76	Y160M2-2	15
			2	4148	4975	8.62		
			3	4080	5667	9.53		
			4	3952	6360	10.30		
			5	3746	7052	11.00		
			6	3619	7744	11.80		
			7	3354	8437	12.36		
			8	3060	9129	12.70		
7	C	1840	1	3462	3900	5.86	Y160M-4	11
			2	3442	4532	6.51		
			3	3383	5162	7.20		
			4	3275	5793	7.78		
			5	3109	6424	8.32		
			6	3000	7054	8.92		
			7	2785	7685	9.35		
			8	2540	8316	9.59		
7	C	1680	1	2893	3562	4.47	Y132S-4	7.5
			2	2864	4137	4.95		
			3	2824	4713	5.48		
			4	2726	5289	5.92		
			5	2600	5865	6.33		
			6	2500	6441	6.79		
			7	2324	7017	7.12		
			8	2118	7592	7.31		
7	C	1500	1	2305	3180	3.17	Y132S-4	5.5
			2	2285	3694	3.53		
			3	2246	4208	3.89		
			4	2177	4722	4.21		
			5	2069	5237	4.50		
			6	1991	5751	4.83		
			7	1854	6265	5.06		
			8	1687	6779	5.19		

Shuangcheng Blower

Model 6-30

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	功率 Power kW
8	A	2950	1	11638	9335	47.12	Y250M-2	55
			2	11555	10844	52.32		
			3	11365	12351	57.88	Y280S-2	75
			4	11008	13864	62.54		
			5	10437	15373	66.80		
			6	10081	16882	71.66		
			7	9343	18393	75.08		
			8	8953	19901	77.10	Y280M-2	90
8	C	2750	1	10114	8702	38.17	Y225M-2	45
			2	10041	10109	42.38		
			3	9876	11514	46.89	Y250M-2	55
			4	9566	12924	50.66		
			5	9070	14331	54.11		
			6	8760	15737	58.05	Y280S-2	75
			7	8119	17146	60.82		
			8	7780	18552	62.46		
8	C	2500	1	8359	7911	28.68	Y225M-2	45
			2	8298	9190	31.84		
			3	8162	10468	35.23		
			4	7906	11749	38.06		
			5	7495	13028	40.65		
			6	7240	14306	43.61		
			7	6710	15587	45.70	Y250M-2	55
			8	6429	16865	46.93		
8	C	2400	1	7704	7595	25.37	Y200L ₂ -2	37
			2	7647	8822	28.17		
			3	7522	10049	31.17		
			4	7286	11279	33.67		
			5	6907	12507	35.96		
			6	6672	13734	38.58	Y225M-2	45
			7	5699	14964	40.43		
			8	5925	16190	41.52		

Shuangcheng Blower

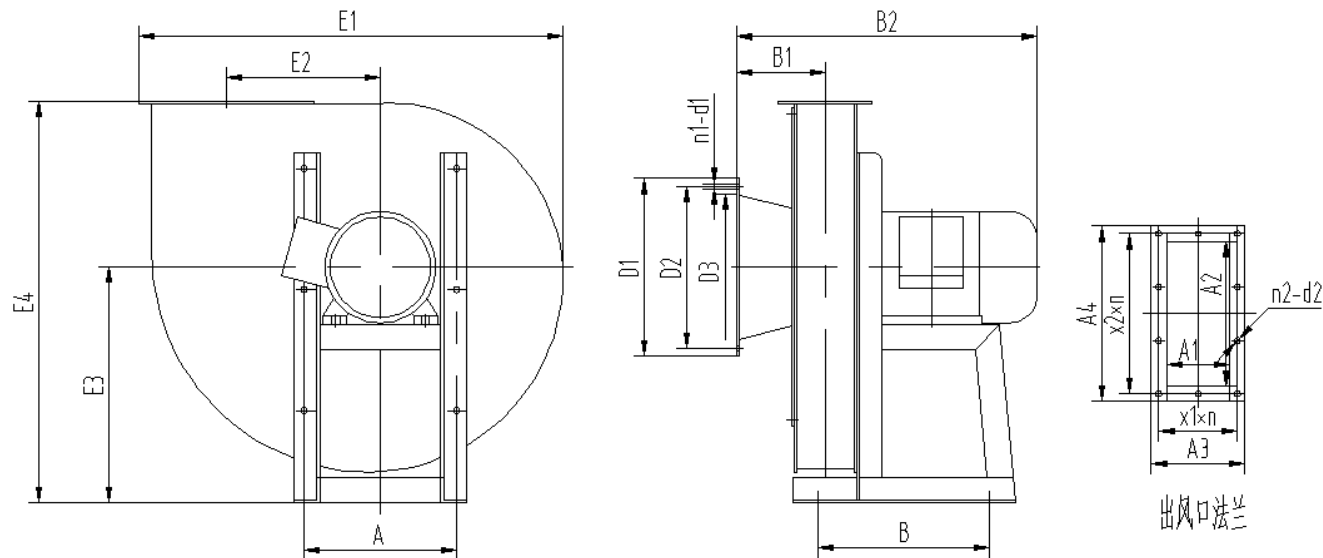
Model 6-30

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	功率 Power kW
8	C	2200	1	6473	6962	19.54	Y200L1-2	30
			2	6426	8087	21.70		
			3	6321	9212	24.01		
			4	6122	10339	25.93		
			5	5804	11465	27.70		
			6	5606	12590	29.72		
			7	4788	13717	31.14	Y200L ₂ -2	37
			8	4979	14841	31.98		
8	C	2000	1	5350	6329	14.68	Y200L1-2	30
			2	5311	7352	16.30		
			3	5224	8375	18.04		
			4	5060	9399	19.48		
			5	4797	10423	20.81		
			6	4633	11446	22.33		
			7	3957	12470	23.40		
			8	4115	13492	24.03		
8	C	1800	1	4334	5696	10.70	Y180M-4	18.5
			2	4302	6617	11.88		
			3	4231	7538	13.15		
			4	4099	8459	14.20		
			5	3886	9381	15.17		
			6	3753	10301	16.28		
			7	3205	11223	17.06		
			8	3333	12143	17.52		
9	C	2500	1	10575	11278	51.62	Y250M-2	55
			2	10500	13098	57.33	Y280S-2	75
			3	10328	14917	63.42		
			4	9993	16737	68.53		
			5	9496	18556	73.20		
			6	9154	20390	78.48	Y280M-2	90
			7	8494	22083	82.22		
			8	7754	24028	84.50		

Shuangcheng Blower

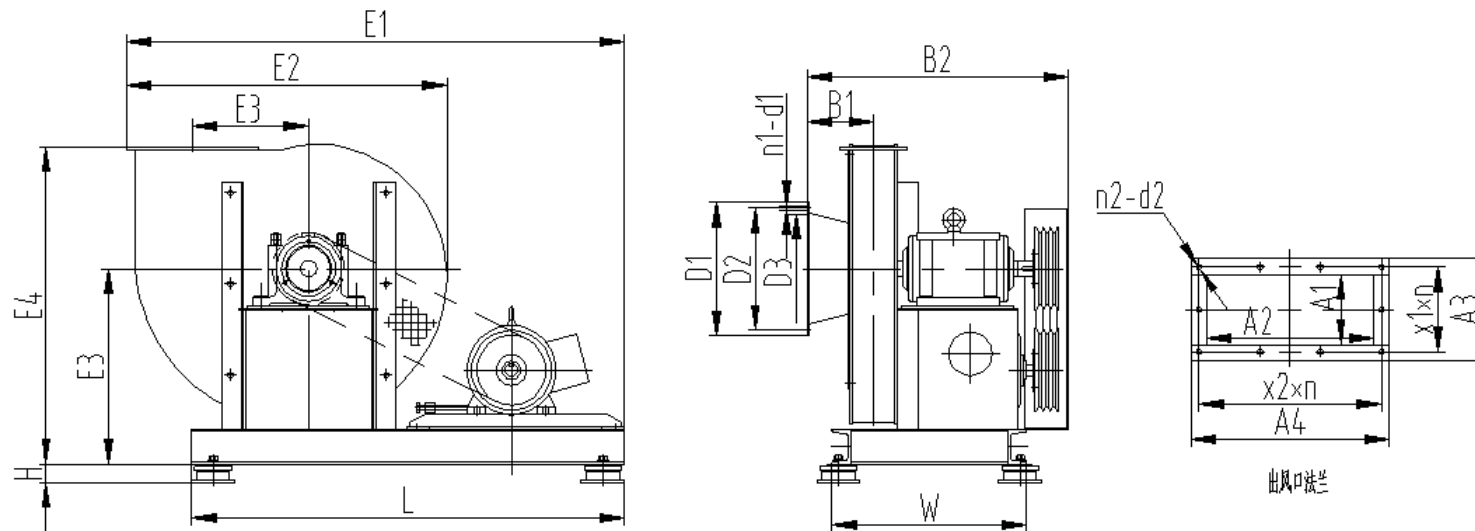
Model 6-30

No.	Type	r/min	No.	Total pressure Pa	Flux m ³ /h	Power kW	motor	
							Type	
9	C	2250	1	8566	10150	37.63	Y250M-2	55
			2	8505	11788	41.80		
			3	8366	13425	46.23		
			4	8094	15063	49.96		
			5	7692	16700	53.36		
			6	7415	18350	57.21	Y280S-2	75
			7	6880	19875	59.94		
			8	6281	21625	61.60		
9	C	1800	1	5482	8120	19.27	Y200L-4	30
			2	5443	9430	21.40		
			3	5354	10740	23.67		
			4	5180	12050	25.58		
			5	4923	13360	27.32		
			6	4746	14680	29.29		
			7	4403	15990	30.69	Y225S-4	37
			8	4020	17300	31.54		
9	C	1650	1	4580	7420	14.70	Y180L-4	22
			2	4540	8620	16.30		
			3	4472	9815	18.10		
			4	4325	11020	19.50		
			5	4109	12210	20.90		
			6	3962	13410	22.40		
			7	3678	14610	23.44	Y200L-4	30
			8	3354	15810	24.10		



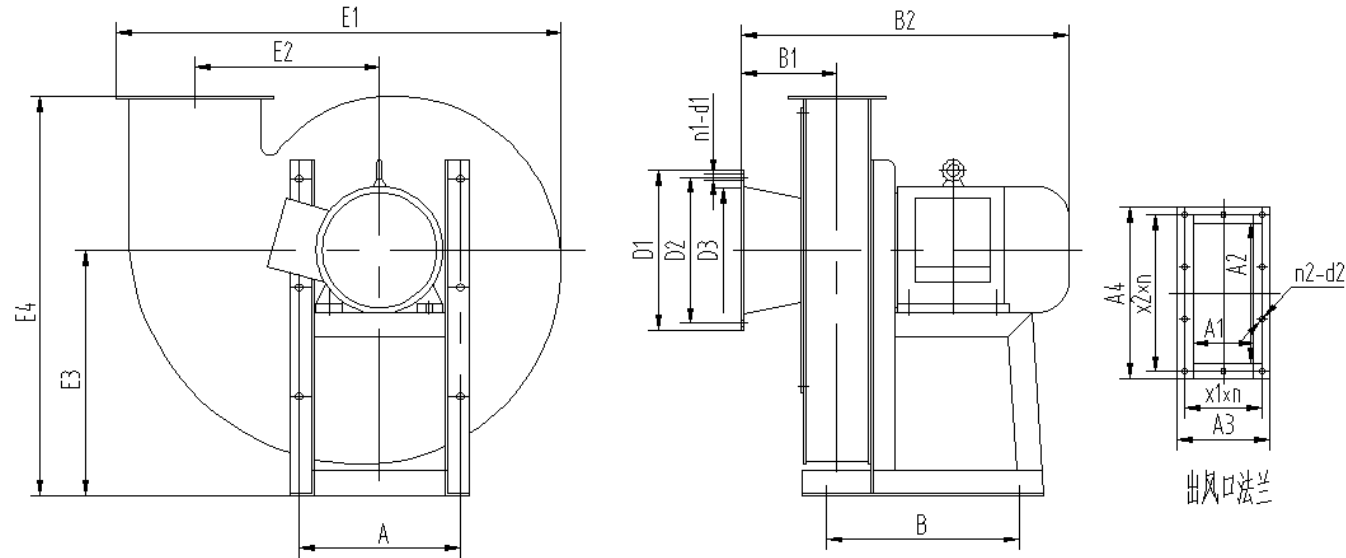
Shape and Installation Size Chart of Model 6-23 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	255	235	205	10	8	87	205	137	255	10	10	56.5×2	78×3	590	205	335	567	131	459	240	260	15	4
4.5	279	254	229	10	8	98	226	148	276	10	10	62×2	84×3	668	242	370	631	139	473	240	270	15	4
5	306	280	256	10	8	108	256	158	306	10	10	65×2	93.6×3	740	267	422	702	149	543	300	340	15	4
5.5	331	310	281	10	8	118	281	168	331	10	10	72×2	102×3	812	294.5	452	760	163	617	340	370	15	4
6	406	380	356	10	12	129	307	179	357	10	10	76×2	110×3	883	320	500	840	180	735	406	460	15	4
7	466	430	406	10	12	150	358	210	418	10	10	87.5×2	128×3	1030	372	590	962	210	775	406	490	15	4



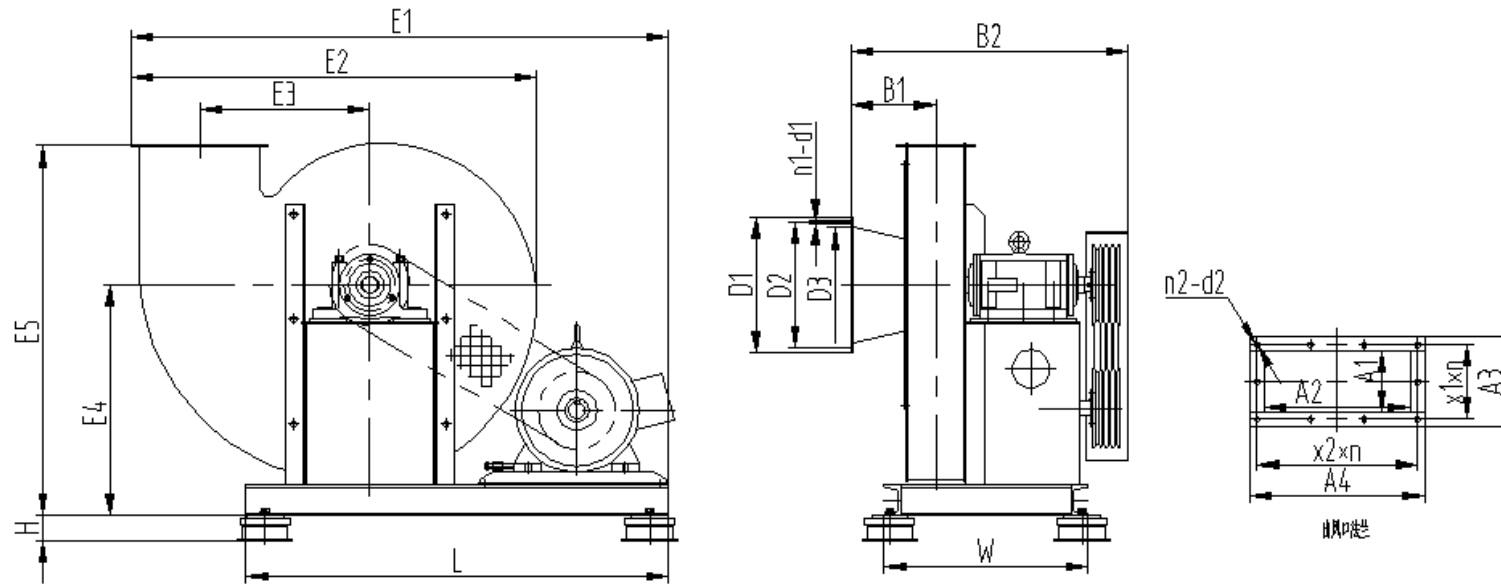
Shape and Installation Size Chart of Model 6-23 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt		
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity	
5	306	280	256	10	8	108	256	158	306	10	10	65×2	93.6×3	1150	740	267	450	730	153	691	1000	530	43	15	5	
5.6	371	350	321	10	12	120	286	170	336	10	12	73×2	77.5×4	1197	823	299	490	807	171	626	1000	730	43	15	4	
6	406	380	356	10	12	130	306	180	356	10	10	76×2	110×3	2457	1766	641	1140	1720	182	640	1000	744	43	15	4	
6.3	424	400	364	10	12	126	316	184	372	10	10	80×2	116×3	1303	925	337	540	897	196	676	1100	505	65	15	4	
7	466	430	406	10	12	150	358	210	418	10	10	87.5×2	128×3	1410	1030	372	595	987	210	718	1150	520	65	15	4	
7.1	476	450	406	10	12	150	362	210	422	10	12	90×2	97.5×4	1397	1043	381	595	997	215	729.5	1150	520	65	15	4	
8	466	430	406	10	12	170	408	230	468	12	12	99×2	110×4	1641	1173	427	683	1131	240	757	1380	540	65	15	6	



Shape and Installation Size Chart of Model 6-30 A Centrifugal Blower

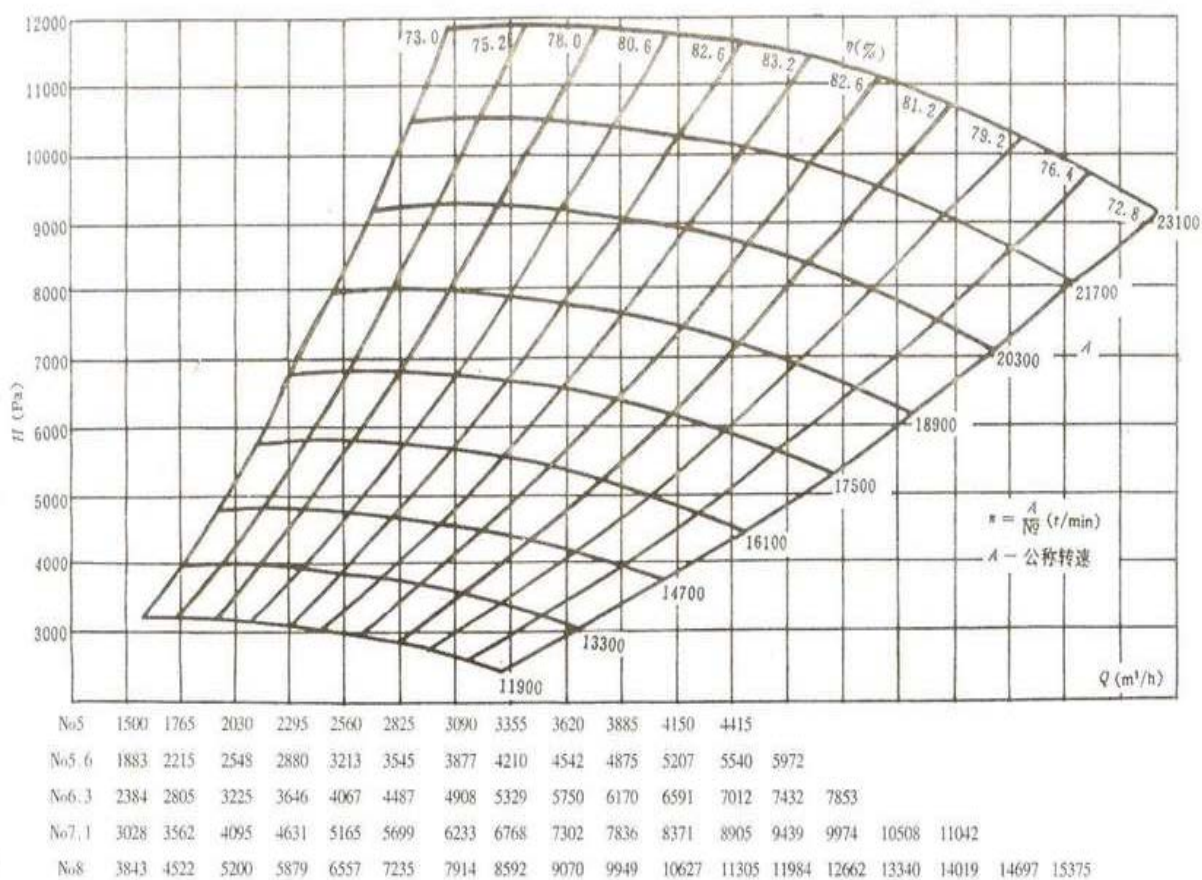
No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	256	235	206	10	8	108	203	158	253	10	10	66.5×2	77×3	717	298	395	643	153	527	260	310	15	4
4.5	281	254	225	10	8	118.5	230	168.5	280	10	10	75×2	85×3	806	337	447	726	171	625.5	340	380	15	4
5	306	285	256	10	8	133	257	183	307	10	10	78×2	94×3	891	372	492	802	189.5	651	340	380	15	4
5.5	406	380	356	10	12	146	283	196	333	10	10	85×2	102×3	978	409	545	886	193	756	406	496	15	4
6	356	330	306	10	12	158	308	208	358	10	10	91.5×2	111×3	1063	447	590	965	223	792	406	500	15	4



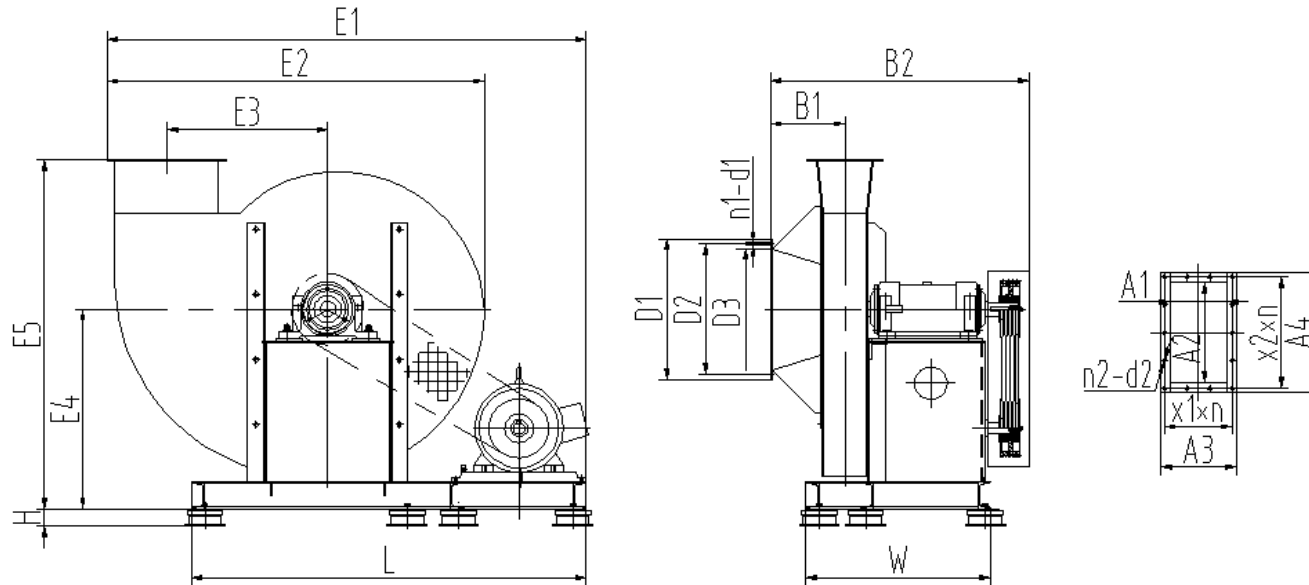
Shape and Installation Size Chart of Model 6-30 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt		
				d1	n2					d2	n2	x1×n	x2×n											hole		
																								Φ	quantity	
5	306	285	256	10	8	133	257	183	307	10	10	78×2	94×3	1255.5	891	372	520	830	189.5	756	1000	565	43	15	5	
6	356	330	306	10	8	158	308	208	358	10	10	91.5×2	111×3	1411	1063	447	605	971	223	728.5	1110	535	65	15	4	
7	416	390	356	10	12	184	358	234	408	10	10	105×2	128×3	1560.5	1235	521.5	690	1115	257.5	784	1250	555	65	15	6	
8	466	440	406	12	12	210	410	270	470	12	12	120×2	110×4	1881	1413	596	795	1308	289	990	1520	715	87	18	6	
9	535	500	450	12	12	225	450	314	536	12	20	70.5×4	84×6	2197	1658.5	414	800	1469	138.3	1015	1760	880	87	18	6	

Model 6-28-11 Centrifugal Blower



6-28-11 型离心风机综合性能选择曲线



Shape and Installation Size Chart of Model 6-28 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt		
				bolt	hole																					
										d1	n2	d2	n2											x1×n	x2×n	Φ
5.6	366	340	310	10	12	140	258	210	328	10	10	90×2	100×3	1415	970	407	540	917	190	670	1200	490	65	15	4	
6.3	412	384	352	10	12	164	292	244	372	10	10	102×2	110×3	1493	1102	462	580	1015	216	696	1200	510	65	15	4	
7.1	456	430	406	10	12	184	329	244	389	10	14	73×3	90×4	1669	1230	491	660	1150	251	928	1450	650	65	15	6	
8	528	480	448	10	12	208	370	278	440	12	14	83×3	102.5×4	1760	1386	590	735	1287	274	951	1450	680	65	15	6	

Model 9-19、9-26 Centrifugal Blower

Model 9-19、9-26 Centrifugal Blowers are generally used for the compulsory ventilation in the forging and metallurgy stoves, widely used for conveying materials, air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The medium temperature is normally no higher than 50℃ (no higher than 80℃ at most). The dust or hard grain matter contained in the medium is no more than 150mg/m³.

Model 9-19 Centrifugal Blower Datasheet

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
3.5	A	2840	1	552	2870	0.60	Y80L-2	1.1	373×588×631
			2	667	2851	0.68			
			3	742	2834	0.76			
			4	810	2800	0.84			
			5	939	2760	0.92	Y90S-2	1.5	
			6	1098	2632	1.01			
			7	1237	2498	1.11			
			8	1325	2380	1.52			
4	A	2900	1	824	3584	1.16	Y90L-2	2.2	435×587×715
			2	970	3665	1.33			
			3	1116	3647	1.48			
			4	1264	3597	1.64			
			5	1410	3507	1.80	Y100L-2	3	
			6	1558	3384	1.97			
			7	1704	3253	2.17			
4.5	A	2900	1	1174	4603	2.07	Y112M-2	4	489×661×782
			2	1397	4684	2.38			
			3	1616	4672	2.68			
			4	1839	4580	2.98			
			5	2062	4447	3.29			
			6	2281	4297	3.63	Y132S ₂ -2	5.5	
			7	2504	4112	4.03			
5	A	2900	1	1610	5697	3.43	Y132S ₂ -2	7.5	609×734×868
			2	1932	5768	3.98			
			3	2254	5740	4.50			
			4	2576	5639	5.04			
			5	2844	5517	5.54			
			6	3166	5323	6.17			
			7	3488	5080	6.86	Y160M ₁ -2	11	
5.6	A	2900	1	2262	7182	6.05	Y160M ₁ -2	11	638×821×962
			2	2714	7232	7.02			
			3	3167	7236	7.93			
			4	3619	7109	8.88			
			5	3996	6954	9.76	Y160L-2	18.5	
			6	4448	6709	10.88			
			7	4901	6400	12.09			

Shuangcheng Blower

Model 9-19

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
6	A	2900	1	2782	8298	8.55	Y160M ₂ -2	15	769×900×989
			2	3339	8404	9.91			
			3	3895	8362	11.20			
			4	4451	8213	12.54			
			5	4915	8033	13.78			
			6	5472	7750	15.36	Y160L-2	18.5	
			7	6028	7390	17.07			
6.3	A	2900	1	3220	9149	10.91	Y160L-2	18.5	782×925×1085
			2	3865	9265	12.65			
			3	4509	9219	14.30			
			4	5153	9055	16.00			
			5	5690	8857	17.59	Y200L ₁ -2	30	
			6	6334	8543	19.60			
			7	6978	8148	21.79			
7.1	A/D	2900	1	4610	11717	19.83	Y200L ₂ -2	37	1230×1043×1278
			2	5532	11868	22.99			
			3	6454	11807	25.99			
			4	7376	11596	29.09			
			5	8144	11340	31.98			
			6	9066	10935	35.63	Y250M-2	55	
			7	9988	10426	39.62			
8	D	2900	1	6594	15034	36.02	Y280S-2	75	1256×1173×1428
			2	7913	15229	41.75			
			3	9232	15151	47.21			
			4	10550	14877	52.83			
			5	11649	14546	58.08			
			6	12968	14021	64.71	Y315S-2	110	
			7	15287	13362	71.95			
8	D	1450	1	3297	3620	4.5	Y132M-4	7.5	1256×1173×1278
			2	3957	3665	5.22			
			3	4616	3647	5.90			
			4	5275	3584	6.60	Y160L-4	15	
			5	5825	3507	7.26			
			6	6484	3384	8.09			
			7	7144	3231	8.99			

Shuangcheng Blower

Model 9-19

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
9	D	1450	1	4695	4597	8.11	Y160L-4	15	1289×1318×1856
			2	5633	4655	9.41			
			3	5672	4632	10.63			
			4	7511	4551	11.90			
			5	8294	4453	13.08	Y180L-4	22	
			6	9233	4297	14.58			
			7	10171	4101	16.21			
10	D	1450	1	6440	5840	13.38	Y200L-4	30	1317×1464×1748
			2	7942	5491	16.03			
			3	9445	5891	18.59			
			4	10947	5740	21.12			
			5	12450	5495	23.84			
			6	13952	5244	26.79	Y225S-4	37	
			7	15455	4958	29.88			
11.2	D	1450	1	9407	7364	23.58	Y225M-4	45	1565×1641×1947
			2	11158	7491	28.25			
			3	13269	7428	32.76			
			4	15380	7236	37.22			
			5	17491	6927	42.02	Y280S-4	75	
			6	19602	6609	47.21			
			7	21713	6246	52.66			
11.2	D	960	1	5990	3182	6.84	Y180L-6	15	1565×1641×1947
			2	7388	3237	8.20			
			3	8785	3210	9.51			
			4	10182	3128	10.80			
			5	11580	2996	12.19			
			6	12978	2860	13.70	Y200L ₂ -6	22	
			7	14375	2750	15.28			
12.5	D	1450	1	12577	9229	40.84	Y280S-4	75	1603×1830×2156
			2	15512	9390	48.92			
			3	18447	9310	56.72			
			4	21381	9068	64.46	Y315S-4	110	
			5	24316	8678	72.76			
			6	27251	8278	81.75			
			7	30186	7822	91.18			

Shuangcheng Blower

Model 9-19

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
12.5	D	960	1	8327	3975	11.85	Y200L ₂ -6	22	1603×1830×1947
			2	10270	4043	14.20			
			3	12213	4009	16.46			
			4	14156	3907	18.71			
			5	16099	3741	21.11	Y250M-6	37	
			6	18042	3571	23.72			
			7	19985	3377	26.46			
14	D	1450	1	17670	11668	71.97	Y315M ₁ -4	132	2031×2050×2400
			2	21793	11874	86.22			
			3	25916	11771	99.96			
			4	30040	11464	113.59	Y315M ₂ -4	200	
			5	34163	10967	128.22			
			6	38286	10457	144.06			
			7	42409	9878	160.69			
14	D	960	1	11690	5004	20.89	Y250M-6	37	2031×2050×2400
			2	14428	5090	25.02			
			3	17158	5047	29.01			
			4	19888	4917	32.97			
			5	22618	4709	37.21	Y315S-6	75	
			6	25348	4494	41.81			
			7	28078	4249	46.63			
16	D	1450	1	26377	15425	140.31	Y355M ₃ -4	315	2091×2340×2735
			2	32531	15700	168.09			
			3	38686	15563	194.89			
			4	44841	15151	221.46			
			5	50995	14488	249.98			
16	D	960	1	17463	6570	40.72	Y315S-6	75	2091×2340×2735
			2	21538	6683	48.78			
			3	25613	6627	56.56			
			4	29687	6456	64.27	Y315L ₁ -6	110	
			5	33762	6180	72.55			
			6	37837	5898	81.52			
			7	41912	5575	92.92			

Model 9-26 Centrifugal Blower Datasheet

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
4	A	2900	1	2198	3852	3.11	Y132S ₁ -2	5.5	521×711×761
			2	2368	3820	3.28			
			3	2536	3765	3.46			
			4	2706	3784	3.65			
			5	2877	3607	3.86			
			6	3044	3502	4.06			
			7	3215	3407	4.29			
4.5	A	2900	1	3130	4910	5.51	Y132S ₂ -2	7.5	642×799×849
			2	3407	4863	5.87			
			3	3685	4776	6.24			
			4	3963	4661	6.64	Y160M ₁ -2	11	
			5	4237	4545	7.06			
			6	4515	4412	7.54			
			7	4792	4256	7.98			
5	A	2900	1	4293	6503	9.12	Y160M ₂ -2	15	676×887×937
			2	4706	5984	9.80			
			3	5114	5869	10.48			
			4	5527	5725	11.23			
			5	5941	5553	12.00			
			6	6319	5381	12.81			
			7	6762	5180	13.65	Y160L-2	18.5	
5.6	A	2900	1	6032	7610	16.09	Y180M-2	22	823×993×1053
			2	6612	7546	17.27			
			3	7185	7400	18.47			
			4	7766	7218	19.79	Y200L ₁ -2	30	
			5	8346	7000	21.15			
			6	8919	6781	22.57			
			7	9500	6527	24.05			
6	A	2900	1	7419	8736	22.72	Y200L ₁ -2	30	
			2	8132	8663	24.38			
			3	8837	8495	26.08			
			4	9552	8286	27.94			
			5	10265	8036	29.86			
			6	10970	7784	31.87	Y200L ₂ -2	37	
			7	11685	7493	33.96			

Model 9-26

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
6.3	A	2900	1	8588	9698	28.99	Y225M-2	45	967×1117×1167
			2	9415	9616	31.12			
			3	10230	9429	33.28			
			4	11056	9195	35.66			
			5	11883	8615	38.12			
			6	12699	8936	40.67	Y250M-2	55	
			7	13525	8310	43.35			
7.1	A	2900	1	12292	12427	50.27	Y280S-2	75	1317×12259×1361
			2	13475	12321	56.57			
			3	14643	12078	60.49			
			4	15826	11776	64.84	Y315S-2	110	
			5	17009	11451	69.30			
			6	18177	11055	73.94			
			7	19360	10635	78.82			
8	D	2900	1	17584	15955	95.72	Y315M ₁ -2	132	1349×1418×1528
			2	19277	15818	102.73			
			3	20947	15504	109.86			
			4	22640	15112	117.75	Y315L ₂ -2	200	
			5	24332	14644	125.85			
			6	26003	14177	134.28			
			7	27696	13634	143.14			
8	D	1450	1	8792	3834	11.96	Y180M-4	18.5	1348×1418×1528
			2	9639	3802	12.84			
			3	10473	3729	13.73			
			4	11320	3638	14.72			
			5	12166	3529	15.73			
			6	13001	3421	16.79	Y200L-4	30	
			7	13848	3294	17.89			
9	D	1450	1	12518	4869	21.56	Y200L-4	30	1392×1594×1691
			2	13723	4828	23.14			
			3	14913	4736	24.75			
			4	16118	4620	23.53			
			5	17322	4481	38.35	Y225M-4	45	
			6	18512	4343	30.25			
			7	19717	4181	32.24			

Model 9-26

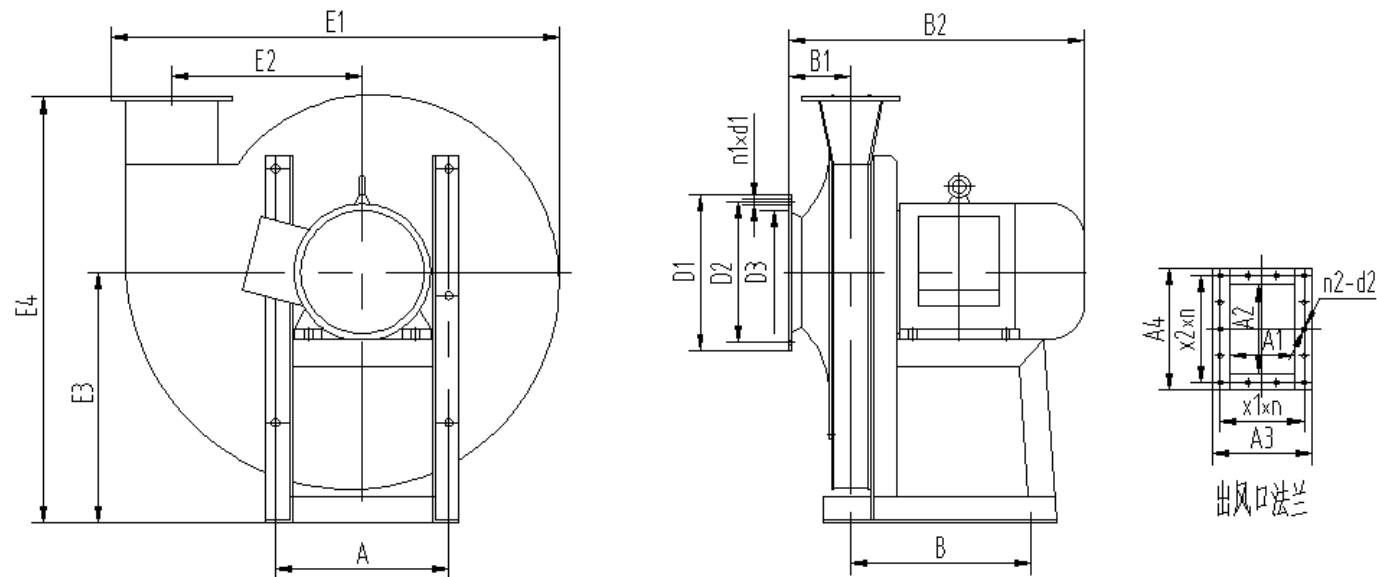
No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
10	D	1450	1	17172	6142	35.69	Y250M-4	55	1433×1770×1870
			2	19319	6056	39.19			
			3	21465	5920	43.02			
			4	23612	5761	47.10			
			5	25758	5560	51.35	Y280S-4	75	
			6	27905	5309	55.35			
			7	30052	5065	59.34			
11.2	D	1450	1	24126	7747	62.90	Y315S-4	110	1694×1983×2088
			2	27142	7637	69.07			
			3	30157	7464	75.82			
			4	33173	7264	83.01			
			5	36189	7009	90.50			
			6	39205	6691	97.54	Y315M-4	132	
			7	42221	6382	104.58			
11.2	D	960	1	15978	3346	18.25	Y225M-6	30	1694×1983×2088
			2	17969	3299	20.04			
			3	19966	3225	22.00			
			4	21963	3140	24.09	Y250M-6	37	
			5	23959	3031	26.26			
			6	25956	2895	28.31			
			7	27953	2763	30.35			
12.5	D	1450	1	33540	9713	108.91	Y315M ₂ -4	160	1755×2212×2312
			2	37732	9575	119.60			
			3	41925	9356	131.30			
			4	46117	9103	143.75	Y355M ₂ -4	250	
			5	50310	8782	156.70			
			6	54503	8381	168.90			
			7	58695	7993	181.10			
12.5	D	960	1	22206	4197	31.61	Y280S-6	45	1755×2122×1250
			2	24981	4121	34.71			
			3	27757	4028	38.10			
			4	30533	3921	41.72	Y315S-6	75	
			5	33309	3785	45.48			
			6	36084	3615	49.02			
			7	38860	3450	52.56			

Shuangcheng Blower

Model 9-26

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor		Size L×W×H mm
							Type	Power kW	
14	D	1450	1	47121	12285	191.94	Y355M ₂ -4	250	2199×2418×2562
			2	53011	12109	210.78			
			3	58902	11830	271.5	JS-138-4	410	
			4	64792	11508	297.3			
			5	70682	11099	324.1			
			6	76572	10589	349.3			
			7	82463	10095	374.5			
14	D	960	1	31197	5262	55.70	Y315S-6	75	2199×2481×2945
			2	35097	5188	91.17			
			3	38997	5071	67.15	Y315M ₂ -6	110	
			4	42897	4936	73.52			
			5	42796	4764	80.15			
			6	50696	4549	86.39			
			7	54596	4341	92.63			
16	D	1450	1	70339	16250	439.1	JSQ-147-4 (3000V)	500	2271×2830×2945
			2	79131	16014	482.2			
			3	87923	15640	529.4	JSQ-158-4 (3000V)	850	
			4	96716	15210	579.6			
			5	105500	14663	631.8			
			6	114300	13983	681.0			
			7	123090	13324	730.2			
16	D	960	1	46569	6911	108.60	Y355M ₁ -6	185	2271×2830×2945
			2	52390	6813	119.26			
			3	58211	6659	130.92			
			4	64032	6481	143.34			
			5	69854	6254	156.25			
			6	75675	5971	168.42	Y355M ₃ -6	220	
			7	81496	5696	183.58			

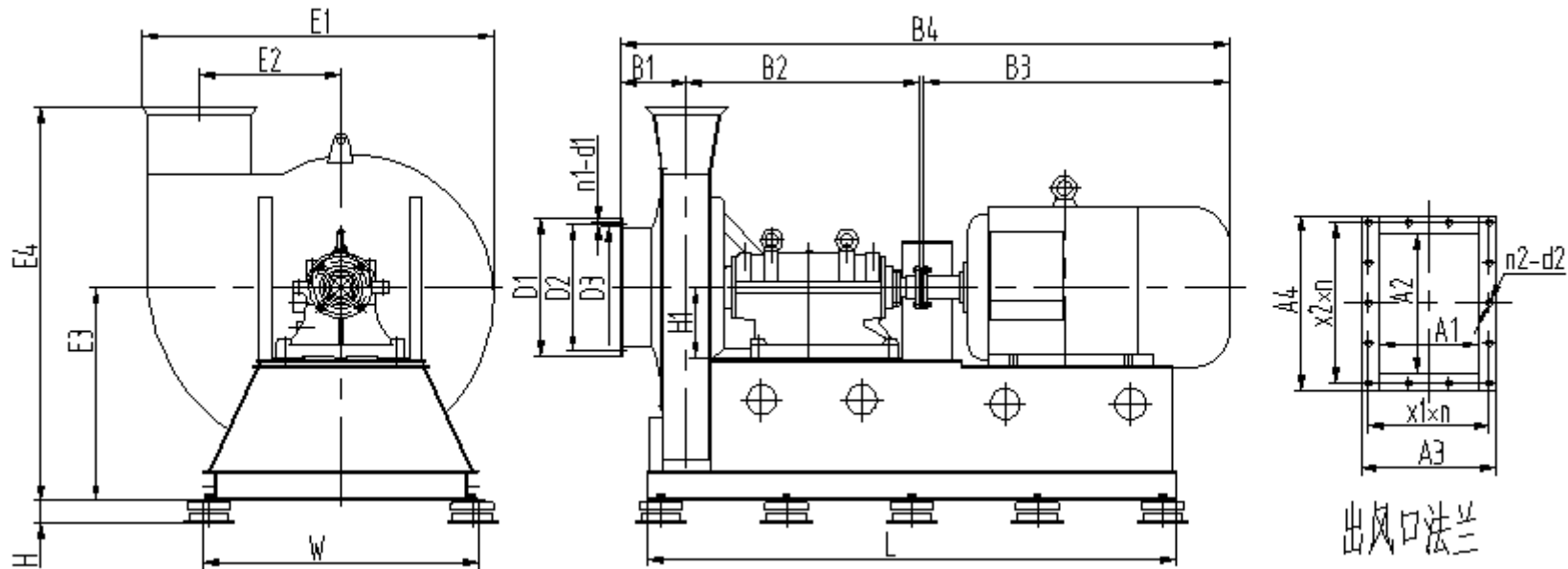
Shuangcheng Blower



Shape and Installation Size Chart of Model 9-26 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
3.5	200	178	160	8	8	86	117	136	167	8	14	36×3	35×4	592	249.5	330	580	87	377	220	240	15	4
4	234	210	184	8	8	98	132	148	182	8	14	42×3	40×4	672	286	375	637	94	443	270	260	15	4
4.5	250	225	200	8	8	112	149	162	199	8	14	45×3	44×4	757	322.5	427	749	108	543	340	340	15	4
5	288	260	228	10	8	125	168	175	218	10	14	50×3	48×4	837	356.5	480	838	120.8	655.8	450	406	15	4
5.6	310	280	250	10	8	139	188	189	238	10	14	56×3	54.5×4	936	401	530	931	136	722	480	406	15	4
6	324	295	264	10	8	148	199	198	249	10	10	86.5×2	75×3	999	430	560	990	143	733	490	406	15	4
6.3	324	295	264	10	8	156	210	256	310	10	14	66×3	62×4	1071	449	595	1039	153.5	874	565	470	18	4
7.1	353	325	293	12	8	171	232	231	292	10	14	68×3	66×4	1163	499.5	660	1149	168	1019	675	590	18	4

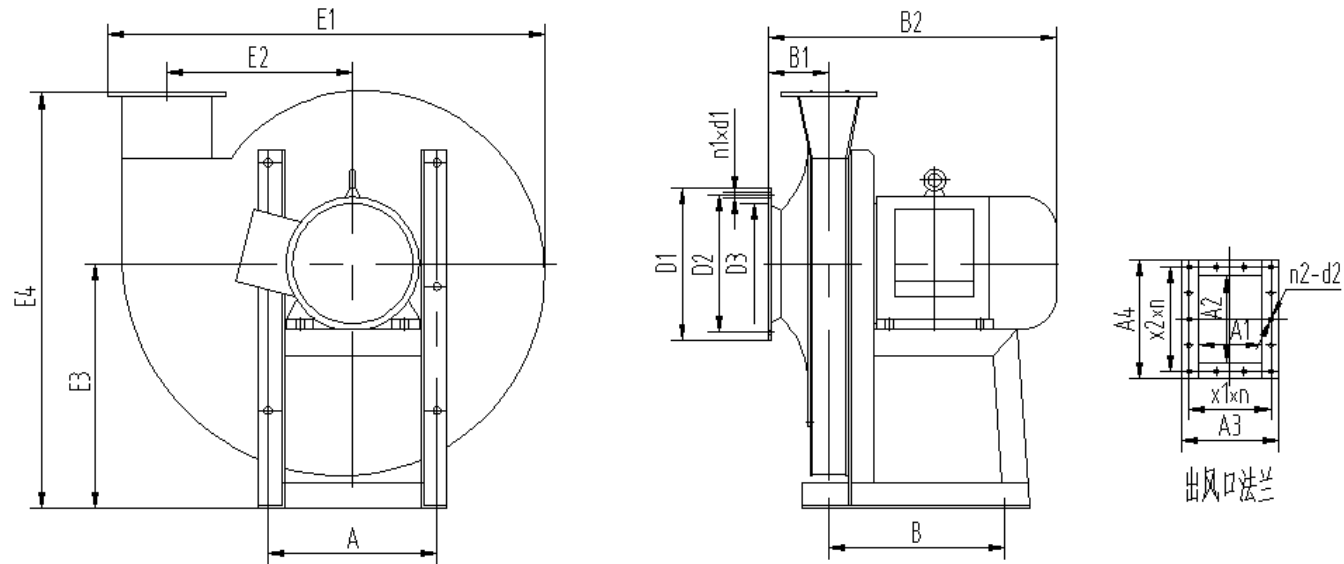
Shuangcheng Blower



Shape and Installation Size Chart of Model 9-19 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No.	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
7.1	391	355	321	10	8	174	233	234	293	10	14	68×3	67.5×4	1178.5	309	696	1162	172	887	930	1995	1800	880	87	18	6	6312	250
8	432	395	342	10	8	200	278	270	348	10	14	80×3	80×4	1333	567	760	1322	194	889	1000	2088	1900	940	87	18	6	6312	250
9	496	450	406	12	8	218	296	278	356	10	18	63×4	66×5	1486.5	644	846	1436	225	899	715	1845	1680	1000	87	18	6	6312	250
10	546	500	456	12	8	242	328	302	388	10	18	69×4	72×5	1640	713.5	975	1631	253	955.5	820	2040	1900	1220	87	18	8	22316	280
11.2	626	560	506	12	12	270	367	350	447	12	18	79×4	83×5	1845.5	80.5	1065	1800	274.1	1254.5	1000	2530	2300	1500	87	18	10	22320	375
12.5	686	620	566	12	12	300	409	380	489	12	20	86×4	76×6	2058	895	1195	2015	306	1263	1202	2777	2500	1360	87	18	12	22320	375
14	750	690	638	12	12	338	457	438	557	12	22	81×5	86×6	2304	1001	1310	2230	346	1583	1252	3186	3000	1680	87	18	16	22324	500
16	830	770	710	12	16	368	512	484	621	12	24	81×5	82×7	2624.5	1144	1500	2550	394	1599	1200	3201	2850	2000	87	18	20	22324	500

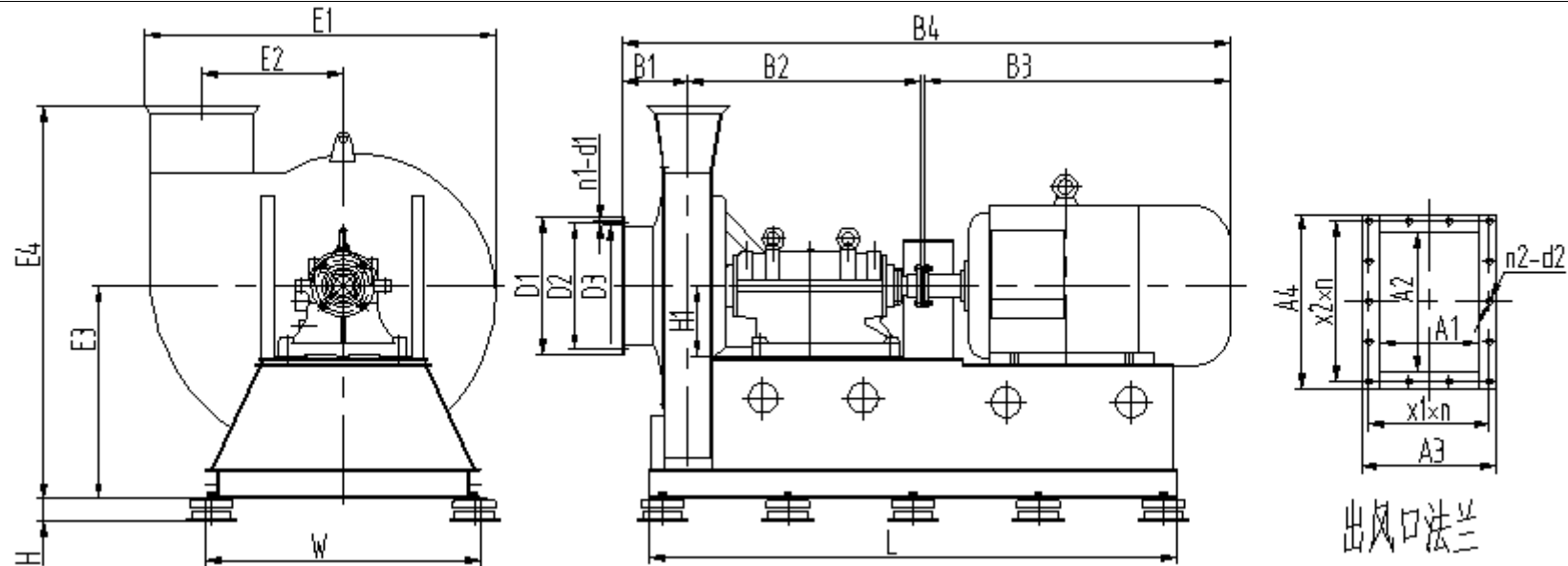
Shuangcheng Blower



Shape and Installation Size Chart of Model 9-26 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	288	254	228	8	8	136	203	186	253	8	14	55×3	57×4	725	286.5	417	777	125.8	569.8	340	350	15	4
4.5	326	290	256	10	8	152	225	202	275	8	14	59×3	62.5×4	810	322	465	870	146	691	406	455	15	4
5	356	325	286	10	8	162	245	222	305	10	14	45×3	44×4	902	361.5	510	960	161	757.5	406	505	15	4
5.6	391	355	321	10	8	188	280	248	340	10	18	55×4	63×5	1007	402	570	1074	180	914	470	590	15	4
6	406	380	336	10	8	202	300	262	360	10	18	58×4	66×5	1075	430	605	1145	193	932	470	630	18	4
6.3	441	405	361	12	8	203	309	263	369	10	18	59×4	68×5	1128	455	650	1217	201.5	1069	590	705	18	4
7.1	496	450	406	12	8	237	354	296	414	10	20	68×4	65×6	1248	500.5	710	1379	231	1107.5	590	725	18	4

Shuangcheng Blower



Shape and Installation Size Chart of Model 9-26 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
8	556	510	456	12	16	268	398	348	478	12	20	78×4	74×6	1403	565	850	1570	263	930	1220	2430	2100	1100	87	18	6	22316	280
9	606	560	506	12	12	300	447	380	527	12	20	85×4	82.5×6	1605	645.5	930	1740	295.5	1020.5	777	2096	1850	1100	87	18	6	22316	280
10	685	620	566	12	16	330	498	390	558	12	20	89×4	88×6	1767	717	1010	1910	321	1030	1002	2357	2100	1200	87	18	10	22316	280
11.2	752	690	636	12	12	370	557	450	637	12	26	82×5	75×8	1985.5	802.5	1135	2143	361	1297	1252	2916	2600	1360	87	18	12	22320	375
12.5	836	770	706	12	16	412	622	492	702	15	28	76×6	83×8	2209	896	1230	2355	410	1310.5	1000	2733	2400	1460	87	18	12	22320	375
14	928	860	808	12	16	464	696	564	796	15	30	86×6	83×9	2480	1003	1390	2650	463	1636	1202	3306	3100	1680	87	18	16	22324	500
16	1040	970	900	15	16	512	784	628	893	12	34	84×7	84×10	2825	1148	1620	3060	524	1747	1570	3714	3200	1870	87	18	20	22324	500

Model 9-28 I Centrifugal Blower

Model 9-28 I Centrifugal Blowers are generally used for the compulsory ventilation in the forging and metallurgy stoves, widely used for conveying materials, air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The medium temperature is normally no higher than 50°C (no higher than 80°C at most). The dust or hard grain matter contained in the medium is no more than 150mg/m³.

Model 9-28 | Centrifugal Blower Datasheet

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
4	A	2900	1	2198	3893	3.35	Y112M-2	4
			2	2473	3884	3.71		
			3	2748	3835	4.07		
			4	3022	3776	4.44	Y132S1-2	5.5
			5	3297	3707	4.81		
			6	3572	3629	5.17		
			7	3847	3540	5.55	Y132S2-2	7.5
			8	4122	3452	5.95		
4.5	A	2900	1	3130	4933	6.05	Y132S2-2	7.5
			2	3521	4623	6.70		
			3	3912	4854	7.34		
			4	4303	4776	8.00	Y160M1-2	11
			5	4695	4698	8.68		
			6	5086	4599	9.34		
			7	5477	4482	10.01		
			8	5868	4374	10.73		
5	A	2900	1	4293	6090	10.24	Y160M2-2	15
			2	4830	6071	11.34		
			3	5367	6002	12.45		
			4	5903	5894	13.55		
			5	6440	5796	14.70		
			6	6977	5678	15.81	Y160L-2	18.5
			7	7513	5531	16.95		
			8	8050	5394	18.15		
5.6	A	2900	1	6032	7640	18.06	Y180M-2	22
			2	6786	7620	19.99		
			3	7540	7522	21.93		
			4	8294	7394	23.88	Y200L1-2	30
			5	7048	7277	25.93		
			6	7802	7120	27.86		
			7	10555	6943	29.89		
			8	11309	6767	31.99	Y200L2-2	37

Model 9-28 I

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
6.3	A	2900	1	8588	9670	32.54	Y225M-2	45
			2	9662	9610	36.01		
			3	10735	9523	39.52		
			4	11809	9356	43.03		
			5	12882	9209	46.71	Y250M-2	55
			6	13956	9003	50.15		
			7	15029	8787	53.86		
			8	16103	8571	57.69	Y280S-2	75
7.1	D	2900	1	12293	12278	60.35	Y280S-2	75
			2	13829	12249	66.83		
			3	15366	12092	73.30		
			4	16903	11886	79.84	Y315S-2	110
			5	18439	11690	86.61		
			6	19976	11445	93.13		
			7	21512	11160	99.92		
			8	23049	10886	107.02		
8	D	2900	1	17585	15583	109.57	Y315M1-2	132
			2	19783	15554	121.39		
			3	21981	15358	133.18		
			4	24180	15093	145.03	Y355M1-2	200
			5	26378	14848	157.37		
			6	28576	14524	169.06		
			7	30774	14171	181.50		
			8	32972	13818	194.33		
8	D	1450	1	8793	3893	13.69	Y180M-4	18.5
			2	9892	3884	15.16		
			3	10991	3835	16.63		
			4	12090	3776	18.14		
			5	13189	3707	19.65	Y200L-4	30
			6	14288	3629	21.12		
			7	15387	3540	22.67		
			8	16486	3452	24.27		

Model 9-28 I

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
9	D	1450	1	12519	4933	24.69	Y200L-4	30
			2	14084	4923	27.35		
			3	15649	4854	29.97		
			4	17214	4776	32.67	Y225M-4	45
			5	18779	4698	35.45		
			6	20344	4599	38.12		
			7	21908	4482	40.86		
			8	23473	4374	43.79		
10	D	1450	1	17173	6090	41.82	Y250M-4	55
			2	19320	6071	46.27		
			3	21466	6002	50.83		
			4	23613	5894	55.31		
			5	25759	5796	59.99	Y280S-4	75
			6	27906	5678	64.55		
			7	30053	5531	69.18		
			8	32199	5394	74.08		
11.2	D	1450	1	24127	7640	73.70	Y315S-4	110
			2	27143	7620	81.60		
			3	30158	6522	89.49		
			4	33174	7394	97.48		
			5	36190	7277	105.82	Y315M1-4	132
			6	39206	7120	113.71		
			7	42222	6943	122.01		
			8	45238	6767	130.57		
11.2	D	960	1	15974	3354	21.36	Y225M-6	30
			2	17970	3344	23.71		
			3	19967	3295	25.96		
			4	21964	3246	28.33		
			5	23960	3187	30.69	Y250M-6	37
			6	25957	3119	32.97		
			7	27954	3040	35.37		
			8	29950	2972	37.96		

Shuangcheng Blower

Model 9-28 I

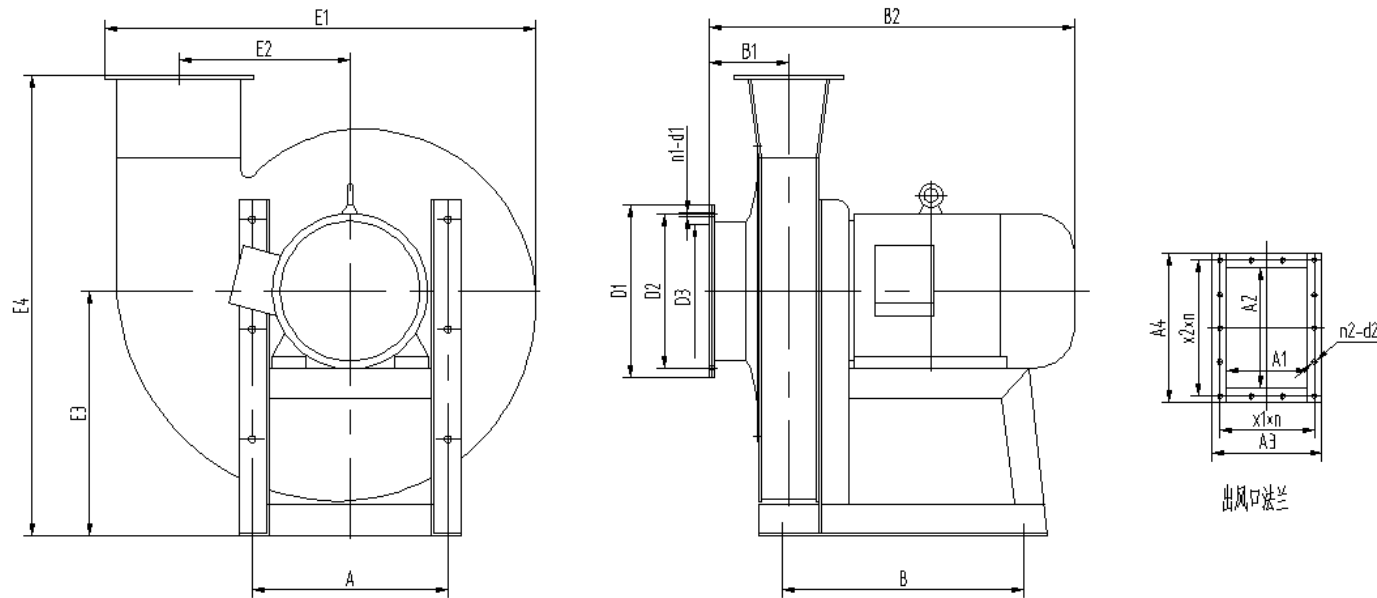
No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
12.5	D	1450	1	33541	9513	127.85	Y315M2-4	160
			2	37734	9493	141.32		
			3	41926	9375	155.07		
			4	46119	9209	168.78	Y355M2-4	250
			5	50311	9062	183.19		
			6	54504	8866	196.83		
			7	58697	8650	211.31		
			8	62889	8434	226.24		
12.5	D	960	1	22206	4168	37.01	Y280S-6	45
			2	24982	4158	40.98		
			3	27758	4109	45.00		
			4	30534	4040	49.03	Y315S-6	75
			5	33310	3972	53.16		
			6	36085	3884	57.08		
			7	38861	3795	61.38		
			8	41637	3697	65.66		
14	D	1450	1	47123	11935	224.88	Y355M2-4	250
			2	53013	11906	246.00		
			3	58903	11759	273.25		
			4	64794	11553	297.47		
			5	70684	11366	322.82		
			6	76574	11121	346.88		
			7	82465	10847	372.26		
			8	88355	10582	398.79		
14	D	960	1	31198	5227	65.20	Y315S-6	75
			2	35098	5217	72.24		
			3	38998	5158	79.36	Y315M2-6	110
			4	42898	5002	86.27		
			5	46798	4982	93.68		
			6	50697	4874	100.65		
			7	54597	4756	108.08		
			8	58497	4639	115.74		

Shuangcheng Blower

Model 9-28 I

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
16	D	960	1	46570	6835	127.28	Y355M1-6	160
			2	52392	6816	140.88		
			3	58213	6728	154.51		
			4	64034	6620	168.45	Y355M2-6	250
			5	69855	6502	182.50		
			6	75677	6365	196.20		
			7	81498	6208	210.56		
			8	87319	6061	225.73		
17	D	960	1	55859	7708	172.16	Y355M2-6	250
			2	62842	7698	190.86		
			3	69824	7600	209.37		
			4	76807	7463	227.80		
			5	83789	7345	247.30		
			6	90771	7189	265.79	Y ₂ 400 ₃ -6	315
			7	97754	7012	285.27		
			8	104736	6835	305.36		
18	D	960	1	66308	8650	229.33		
			2	74597	8630	253.98		
			3	82885	8522	278.67		
			4	91174	8375	303.46		
			5	99462	8238	329.23		
			6	107751	8061	353.82		
			7	116039	7865	379.84		
			8	124328	7669	406.69		

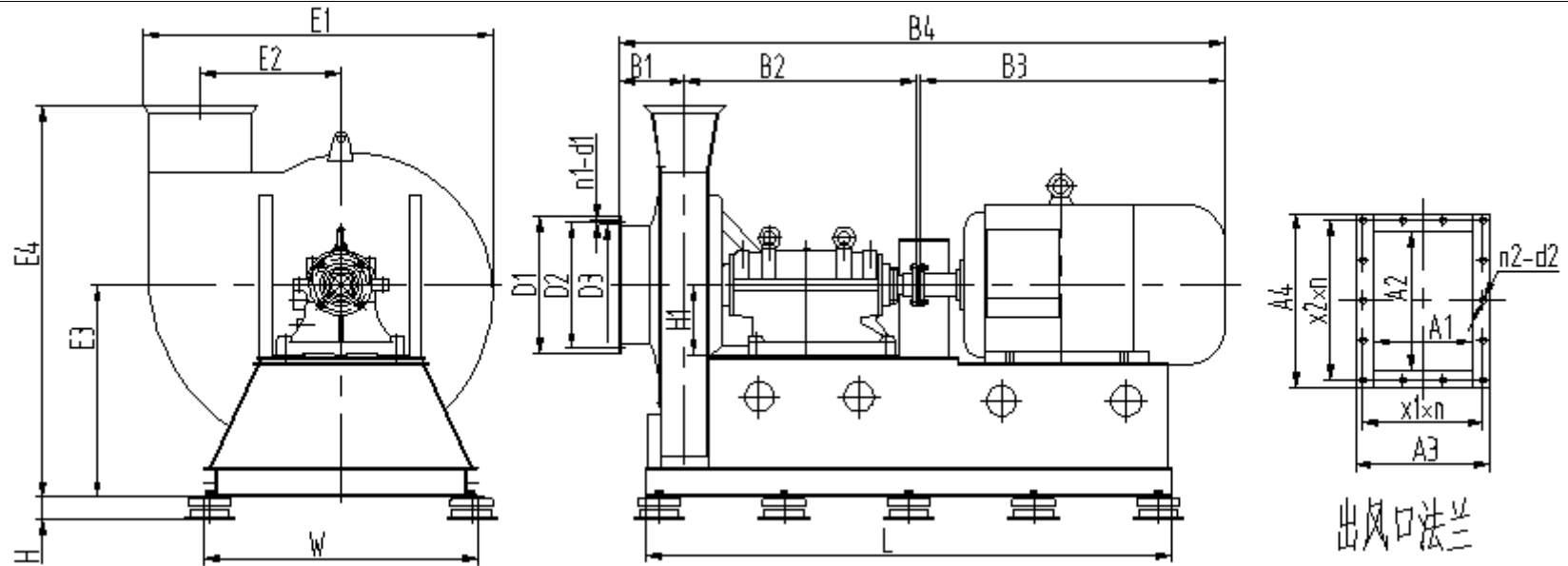
Shuangcheng Blower



Shape and Installation Size Chart of Model 9-28 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	288	254	228	8	8	136	203	186	253	8	14	55×3	57×4	725	286.5	417	777	125.8	570	340	350	15	4
4.5	310	254	224	10	8	144	221	200	275	8	14	59×3	63×4	799	322	470	875	147	700	406	455	15	4
5	360	320	280	10	8	170	251	230	311	10	14	66×3	71×4	903	358.5	510	960	165.5	763	410	505	15	4
5.6	395	355	315	10	8	189	280	249	340	10	18	55×4	63×5	1001	399	565	1069	184.5	919	470	590	15	4
6.3	353	395	433	10	8	212	315	272	375	10	18	60.5×4	68×5	1127	451.5	640	1207	206.5	1074	590	705	18	4

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Shape and Installation Size Chart of Model 9-28 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
7.1	500	450	400	10	12	227	348	296	414	10	20	68×4	65×6	1248	500.5	740	1409	237	1080	1000	2320	2010	900	87	18	6	22316	280
8	550	500	450	10	12	256	392	325	458	10	20	75×4	72×6	1403	565	850	1570	263	930	1220	2430	2100	1100	87	18	6	22316	280
9	620	560	500	12	12	288	441	357	507	10	20	82.5×4	80.5×6	1605	645.5	930	1740	295.5	1020.5	777	2096	1850	1100	87	18	6	22316	280
10	680	620	560	12	12	320	490	389	556	10	20	89×4	88×6	1767	717	1010	1910	321	1030	1002	2357	2100	1200	87	18	10	22316	280
11.2	750	690	630	12	12	358	549	450	638	12	26	82×5	75×8	1985.5	802.5	1135	2143	361	1297	1252	2916	2600	1360	87	18	12	22320	375
12.5	930	770	710	12	16	400	613	492	702	12	28	76×6	83×8	2209	896	1230	2355	410	1310.5	1000	2733	2400	1460	87	18	12	22320	375
14	920	860	800	12	16	448	686	564	795	12	30	86×6	83×9	2480	1003	1390	2650	463	1636	1202	3306	3100	1680	87	18	16	22324	500
16	1040	970	900	15	16	512	784	628	893	12	34	84×7	84×10	2825	1148	1620	3060	524	1747	1570	3714	3200	1870	87	18	20	22324	500

Model 10-18, 9-18 and 9-16

Centrifugal Blower

1.1 Model 10-18, 9-18 and 9-16 Centrifugal Blowers are generally used for the compulsory ventilation in the forging and metallurgy stoves, widely used for conveying materials, air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The medium temperature is normally no higher than 50 °C (no h most).The dust or hard grain matter contained in the medium is no more than 150mg/m³.

Shuangcheng Blower

Model 10-18 Centrifugal Blower Datasheet

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
4	A	2900	1	852	4334	1.9	Y100L-2	3.0
			2	1000	4356	2.1		
			3	1148	4374	2.4		
			4	1297	4356	2.5		
			5	1145	4294	2.7	Y112M-2	4.0
			6	1594	4188	3.0		
			7	1742	4042	3.2		
			8	1890	3872	3.5		
4.5	A	2900	1	1213	5485	3.1	Y112M-2	4.0
			2	1424	5513	3.5		
			3	1635	5536	3.9		
			4	1846	5513	4.5		
			5	2058	5435	4.9	Y132S2-2	7.5
			6	2269	5300	5.3		
			7	2480	5115	5.8		
			8	2691	4902	6.0		
5	A	2900	1	1664	6772	5.3	Y132S2-2	7.5
			2	1953	6806	5.9		
			3	2243	6834	6.4		
			4	2533	6806	7.2		
			5	2823	6710	7.9	Y160M1-2	11
			6	3112	6544	8.7		
			7	3402	6315	9.5		
			8	3692	6052	10.2		
5.6	A	2900	1	2337	8495	9.0	Y160M2-2	15
			2	2744	8538	10.0		
			3	3151	8573	11.3		
			4	3558	8538	12.7		
			5	3966	8416	14.0	Y160L-2	18.5
			6	4373	8208	15.3		
			7	4780	7922	16.7		
			8	5187	7592	18.0		

Shuangcheng Blower

Model 10-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
6.3	A	2900	1	3328	10751	16.2	Y180M-2	22
			2	3907	10806	18.1		
			3	4487	10850	20.3		
			4	5067	10806	23.0		
			5	5646	10652	25.2	Y200L1-2	30
			6	6226	10389	27.5		
			7	6806	10026	30.1		
			8	7385	9609	32.4		
7.1	D	2900	1	4763	13665	29.4	Y225M-2	45
			2	5593	13724	32.9		
			3	6423	13780	37.0		
			4	7252	13724	41.8		
			5	8082	13529	45.9	Y280S-2	75
			6	8912	13194	50.0		
			7	9741	12734	54.8		
			8	10571	12204	58.9		
8	D	2900	1	6814	17336	53.5	Y280S-2	75
			2	8001	17424	59.7		
			3	9188	17495	67.1		
			4	10374	17424	75.8		
			5	11561	17176	83.3	Y315S-2	110
			6	12746	16751	90.8		
			7	13935	16167	99.5		
			8	15122	15494	106.9		
8	D	1450	1	3407	4334	6.7	Y160M-4	11
			2	4000	4356	7.5		
			3	4594	4374	8.4		
			4	5187	4356	9.5		
			5	5781	4294	10.4	Y160L-4	15
			6	6374	4188	11.3		
			7	6968	4042	12.4		
			8	7561	3874	13.4		

Shuangcheng Blower

Model 10-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
9	D	1450	1	4851	5485	12.0	Y180M-4	18.5
			2	5696	5513	13.4		
			3	6541	5536	15.1		
			4	7386	5513	17.1		
			5	8231	5436	18.8	Y200L-4	30
			6	9076	5300	20.4		
			7	9921	5115	22.4		
			8	10766	4902	24.1		
10	D	1450	1	6654	6772	20.4	Y200L-4	30
			2	7813	6806	22.8		
			3	8972	6834	25.6		
			4	10131	6806	28.9		
			5	11290	6710	31.8	Y225M-4	45
			6	12449	6544	34.6		
			7	13609	6315	37.9		
			8	14768	6052	40.8		
11.2	D	1450	1	9348	8495	35.9	Y250M-4	55
			2	10977	8538	40.1		
			3	12605	8573	45.1		
			4	14214	8538	51.0		
			5	15862	8416	56.0	Y280S-4	75
			6	17491	8208	61.0		
			7	19119	7922	66.9		
			8	20748	7592	71.9		
11.2	D	960	1	6189	3723	10.4	Y180L-6	15
			2	7267	3742	11.6		
			3	8346	3748	13.1		
			4	9424	3742	14.8		
			5	10502	3689	16.3	Y200L2-6	22
			6	11580	3598	17.7		
			7	12658	3472	19.4		
			8	13736	3328	20.9		

Shuangcheng Blower

Model 10-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
12.5	D	1450	1	12996	10581	62.2	Y280M-4	90
			2	15280	10635	69.5		
			3	17524	10678	78.2		
			4	19188	10635	88.3		
			5	22052	10484	97.0	Y315M-4	132
			6	24315	10224	105		
			7	26514	9868	115.8		
			8	28843	9457	124.5		
12.5	D	960	1	8604	4638	18.1	Y225M-6	30
			2	10103	4662	20.2		
			3	11602	4681	22.7		
			4	13101	4662	25.6		
			5	14600	4595	28.1	Y250M-6	37
			6	16098	4482	30.7		
			7	17597	4325	33.6		
			8	19096	4145	36.1		
14	D	1450	1	18259	13273	109.7	Y315L1-4	160
			2	21439	13341	122.4		
			3	24620	13395	137.8		
			4	27800	13341	155.6		
			5	30981	13151	170.9	Y355M2-4	250
			6	34161	12825	186.2		
			7	37342	12378	204.1		
			8	40522	11868	219.4		
14	D	960	1	12089	5818	31.8	Y280S-6	45
			2	14194	5848	35.5		
			3	16300	5871	40.0		
			4	18406	5848	45.5		
			5	20511	5764	49.6	Y315S-6	75
			6	22617	5622	54.0		
			7	24728	5426	59.2		
			8	26829	5200	63.7		

Model 10-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
16	D	1450	1	27255	17336	213.9	Y355M3-4	315
			2	32003	17424	238.7		
			3	36750	17495	268.6		
			4	41498	17424	303.4		
			5	46245	17176	333.2		
			6	50993	16751	363.1		
			7	55741	1617	397.9		
			8	66488	15494	427.7		
16	D	960	1	18045	7599	62.1	Y315L1-6	110
			2	21188	7638	69.3		
			3	24331	7669	77.9		
			4	27474	7638	88.0		
			5	30618	7529	96.7	Y355M1-6	185
			6	33761	7343	105.4		
			7	36904	7087	115.4		
			8	40047	6792	124.1		

Model 9-18 Centrifugal Blower Datasheet

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
4	A	2900	1	797	4051	1.6	Y100L-2	3.0
			2	962	4139	1.8		
			3	1126	4161	2.2		
			4	1291	4152	2.4		
			5	1456	4117	2.5		
			6	1621	4146	2.8		
			7	1786	3909	3.1	Y112M-2	4.0
			8	1951	3688	3.4		
4.5	A	2900	1	1134	5127	2.6	Y132S1-2	5.5
			2	1369	5239	3.1		
			3	1604	5267	3.6		
			4	1839	5255	4.0		
			5	2073	5211	4.5		
			6	2308	5121	5.0		
			7	2543	4947	5.6	Y132S2-2	7.5
			8	2777	4667	5.9		
5	A	2900	1	1556	6329	4.5	Y132S2-2	7.5
			2	1878	6467	5.2		
			3	2200	6502	5.8		
			4	2522	6488	6.5		
			5	2844	6433	7.4		
			6	3166	6322	8.2		
			7	3488	6408	9.0	Y160M1-2	11
			8	3810	5762	10.8		
5.6	A	2900	1	2186	7939	7.5	Y160M2-2	15
			2	2639	8113	8.8		
			3	3091	8156	10.2		
			4	3543	8139	11.5		
			5	3996	8069	13.0		
			6	4448	7931	14.4	Y160L-2	18.5
			7	4900	7662	15.9		
			8	5353	7228	17.6		

Shuangcheng Blower

Model 9-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
6.3	A	2900	1	3113	10048	13.6	Y200L1-2	22
			2	3757	10268	15.8		
			3	4401	10323	18.5		
			4	5045	10301	20.7		
			5	5689	10213	23.3		
			6	6333	10037	26.0		
			7	6977	9697	28.6		
			8	7621	9148	31.6	Y200L2-2	37
7.1	D	2900	1	4456	12762	24.6	Y250M-2	55
			2	5378	13041	28.8		
			3	6300	13111	33.5		
			4	7221	13083	37.7		
			5	8143	12971	42.4		
			6	9065	12748	47.2		
			7	9987	12316	52.0		
			8	10909	11618	57.5	Y280S-2	75
8	D	2900	1	6374	16203	44.8	Y280M-2	90
			2	7693	16557	52.2		
			3	9012	16645	60.9		
			4	10331	16610	68.4		
			5	11649	16468	77.1		
			6	12968	16185	85.8		
			7	14287	145636	94.5		
			8	15606	14750	104.5	Y315S-2	110
8	D	1450	1	3187	4051	5.8	Y160M-4	11
			2	3846	4139	6.5		
			3	4506	4161	7.6		
			4	5165	4152	8.5		
			5	5825	4117	9.6		
			6	6484	4146	10.7		
			7	7143	3909	11.8		
			8	7803	3688	13.1	Y160L-4	15

Shuangcheng Blower

Model 9-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
9	D	1450	1	4538	5127	10.1	Y180M-4	18.5
			2	5477	5239	11.8		
			3	6416	5267	13.7		
			4	7354	5255	15.4		
			5	8293	5211	17.4		
			6	9232	5121	19.3	Y200L-4	30
			7	10171	4947	21.3		
			8	11110	4667	23.5		
10	D	1450	1	6225	6329	17.1	Y200L-4	30
			2	7513	6467	19.9		
			3	8801	6502	23.2		
			4	10088	6488	26.1		
			5	11376	6433	29.4		
			6	12664	6322	32.7	Y225M-4	45
			7	13992	6108	36.0		
			8	15240	5762	39.8		
11.2	D	1450	1	8745	7939	30.1	Y250M-4	55
			2	10555	8113	35.1		
			3	12364	8156	41.0		
			4	14173	8139	46.0		
			5	15983	8069	51.8		
			6	17792	7931	57.7	Y280G-4	75
			7	19602	7662	63.5		
			8	21411	7228	70.2		
11.2	D	960	1	5790	3480	8.7	Y180L-6	15
			2	6988	3556	10.2		
			3	8186	3575	11.9		
			4	9384	3568	13.3		
			5	10582	3537	15.0		
			6	11780	3476	16.7	Y200L2-6	22
			7	12978	3358	18.4		
			8	14176	3168	20.4		

Shuangcheng Blower

Model 9-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
12.5	D	1450	1	12158	9889	52.1	Y280M-4	90
			2	14673	10105	60.8		
			3	17188	10159	70.9		
			4	19704	10138	79.6		
			5	22219	10051	89.7	Y315M-4	132
			6	24735	9878	99.9		
			7	27250	9543	110.0		
			8	29765	9003	121.6		
12.5	D	960	1	8049	4335	15.1	Y200L2-6	22
			2	9715	4430	17.6		
			3	11380	4453	20.6		
			4	13045	4444	23.1	Y250M-6	37
			5	14711	4406	26.0		
			6	16376	4330	29.0		
			7	18041	4183	31.9		
			8	19707	3946	35.3		
14	D	1450	1	17081	12405	91.8	Y315M-4	132
			2	20615	12676	107.1		
			3	24149	12744	124.9		
			4	27683	12717	140.3	Y355M-4	220
			5	31216	12608	158.2		
			6	34750	12391	176.0		
			7	38284	11971	193.0		
			8	41818	11293	214.3		
14	D	960	1	11309	5438	26.7	Y280S-6	45
			2	13648	5556	31.1		
			3	15988	5586	36.3		
			4	18328	5574	40.7		
			5	20667	5527	45.9	Y315S-6	75
			6	23007	5432	51.1		
			7	25347	5247	56.3		
			8	27687	4950	62.2		

Shuangcheng Blower

Model 9-18

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
16	D	1450	1	25497	16203	179.0	Y355M2-4	250
			2	30772	16557	208.9		
			3	36047	16645	243.7		
			4	41322	16610	273.5		
			5	46597	16488	208.4		
			6	51872	16185	343.2		
			7	57147	15636	378.0		
			8	62423	14750	417.8		
16	D	960	1	16880	7102	52.0	Y315M1-6	90
			2	20373	7157	60.6		
			3	23866	7296	70.7		
			4	27358	7281	79.4		
			5	30851	7219	89.5		
			6	34343	7094	99.6	Y315M3-6	132
			7	37836	6854	109.7		
			8	41328	6466	121.2		

Shuangcheng Blower

Model 9-16 Centrifugal Blower Datasheet

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
4.6	A	2900	1	934	4852	2.2	Y100L-2	3
			2	1088	4989	2.6		
			3	1247	5029	2.7		
			4	1401	5011	3.0		
			5	1555	4936	3.4	Y132S-1	5.5
			6	1714	4794	3.7		
			7	1868	4608	4.0		
			8	2022	4409	4.3		
5.1	A	2900	1	1330	6141	3.7	Y132S-1	5.5
			2	1549	6314	4.3		
			3	1776	6365	4.9		
			4	1995	6342	5.5	Y132-2	7.5
			5	2214	6247	5.8		
			6	2441	6068	6.4		
			7	2660	5833	6.9		
			8	2879	5580	7.4		
5.7	A	2900	1	1824	7581	6.0	Y160M1-2	11
			2	2125	7796	7.0		
			3	2436	7858	7.9		
			4	2737	7830	8.9		
			5	3037	7713	9.8		
			6	3348	7491	10.8		
			7	3649	7201	11.6	Y160M2-2	15
			8	3949	6889	12.6		
6.4	A	2900	1	2563	9510	10.7	Y160M2-2	15
			2	2985	9779	12.3		
			3	3423	9857	14.0		
			4	3845	9822	15.7		
			5	4267	9675	17.3		
			6	4704	9397	19.0		
			7	5127	9033	20.5	Y180M-2	22
			8	5549	8642	22.2		

Shuangcheng Blower

Model 9-16

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
7.2	A	2900	1	3650	12036	19.2	Y200M1-2	30
			2	4251	12376	22.2		
			3	4873	12475	25.2		
			4	5475	12431	28.2		
			5	6076	12248	31.3		
			6	6698	11893	34.3		
			7	7299	11432	36.9	Y225M-2	45
			8	7900	10938	39.9		
8.1	D	2900	1	5224	15287	34.9	Y250M-2	55
			2	6084	15719	40.4		
			3	6976	15844	45.9		
			4	7836	15789	51.3		
			5	8697	15552	56.8		
			6	9588	15105	62.3		
			7	10448	14519	67.1	Y280S-2	75
			8	11309	12892	72.6		
9.1	D	2900	1	7473	19408	63.4	Y315S-2	110
			2	8704	19957	73.4		
			3	9979	20116	83.3		
			4	11210	20045	93.3		
			5	12441	19744	103.2		
			6	13715	19177	113.1		
			7	14946	18434	121.9	Y315M-2	132
			8	16177	17637	131.8		
9.1	D	1450	1	3737	4852	7.9	Y160L-4	15
			2	4352	4989	9.2		
			3	4989	5029	10.4		
			4	5605	5011	11.7		
			5	6220	4936	12.9		
			6	6858	4794	14.1		
			7	7473	4608	15.2	Y180M-4	18.5
			8	8089	4409	16.5		

Shuangcheng Blower

Model 9-16

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
10.2	D	1450	1	5320	6141	14.3	Y180L-4	30
			2	6196	6314	16.5		
			3	7104	6365	18.8		
			4	7980	6342	21.0		
			5	8857	6247	23.2	Y200L2-4	22
			6	9754	6068	23.2		
			7	10640	6833	27.4		
			8	11517	5580	29.7		
11.4	D	1450	1	7298	7581	24.2	Y225S-4	37
			2	8500	7796	28.0		
			3	9745	7858	31.8		
			4	10847	7880	35.6		
			5	12149	7713	39.4	Y250M-4	55
			6	13394	7491	43.2		
			7	14596	7201	46.5		
			8	15798	6889	50.3		
12.7	D	1450	1	10253	9510	42.6	Y280S-4	75
			2	11942	9779	49.3		
			3	13691	9857	56.0		
			4	15381	9822	62.7	Y280M-4	90
			5	17068	9675	69.4		
			6	18818	9397	76.1		
			7	20506	9033	81.9		
			8	22196	8642	88.6		
12.7	D	960	1	6788	4168	12.4	Y200L2-6	22
			2	7906	4286	14.3		
			3	9064	4321	16.3		
			4	10182	4305	18.2		
			5	11300	4241	20.1		
			6	12458	4119	22.1		
			7	13577	3959	23.8	Y225M-6	30
			8	14695	3788	25.7		

Shuangcheng Blower

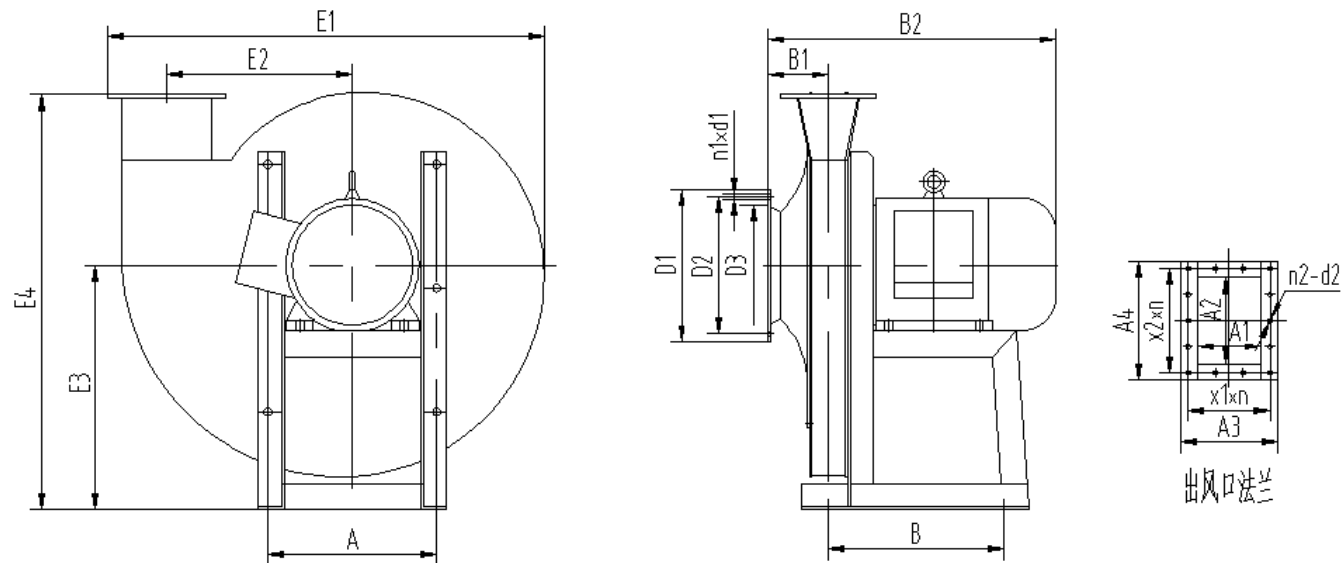
Model 9-16

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
14.2	D	1450	1	14254	11845	73.8	Y315S-4	110
			2	16602	12181	85.4		
			3	19033	12278	97.0		
			4	21381	12235	108.6		
			5	23726	12051	120.1	Y315L1-4	160
			6	26160	11705	131.7		
			7	28508	11251	141.9		
			8	30855	10765	153.4		
14.2	D	960	1	9437	5192	21.4	Y225M-6	30
			2	10991	5339	24.8		
			3	12601	5382	28.1		
			4	12156	5363	31.5		
			5	15710	5282	34.9	Y280S-6	45
			6	17320	5131	33.2		
			7	18874	4932	41.2		
			8	20428	4719	44.5		
15.9	D	1450	1	20026	14859	130.1	Y355M-4	220
			2	23324	15279	150.5		
			3	26740	15401	170.9		
			4	30038	15347	191.3		
			5	33337	15117	211.7		
			6	36753	14683	232.1		
			7	40051	14113	250.0		
			8	43350	13501	270.4		
15.9	D	960	1	13258	6513	37.8	Y280M-6	55
			2	15442	6697	43.7		
			3	17704	6751	49.6		
			4	19888	6727	55.5		
			5	22071	6626	61.4	Y315M1-6	90
			6	24333	6436	67.4		
			7	26517	6186	72.6		
			8	28700	5919	78.5		

Shuangcheng Blower

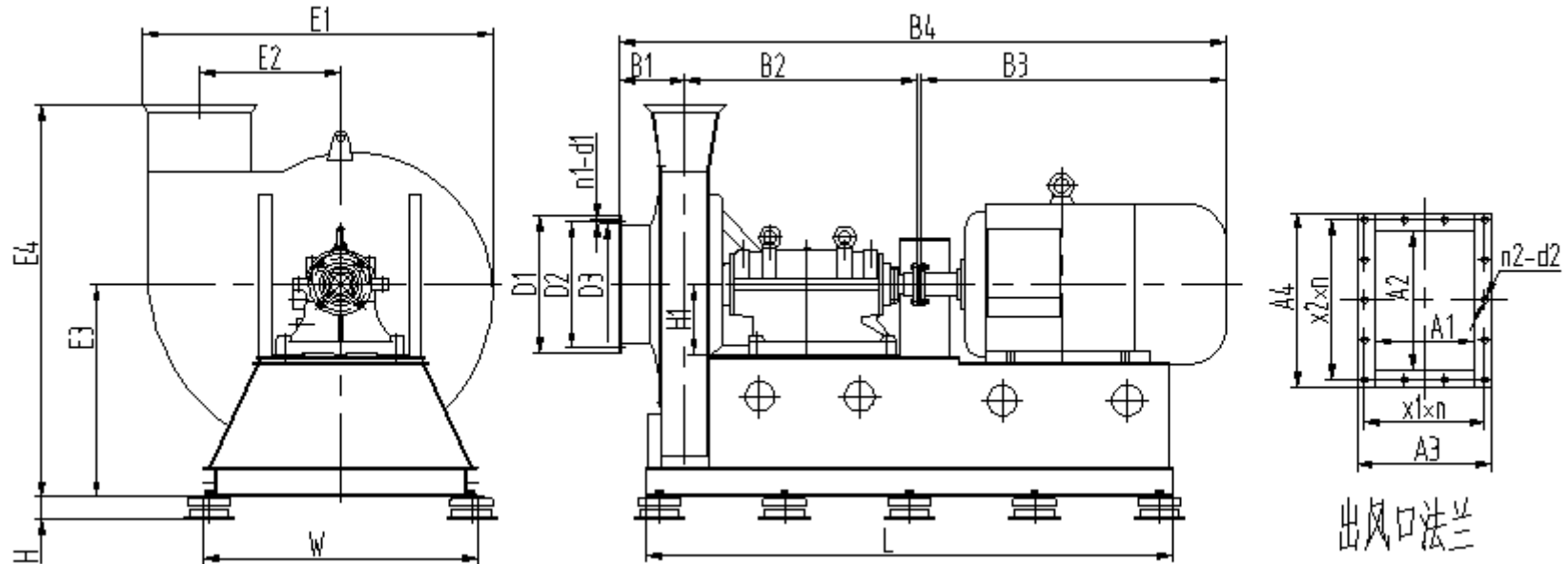
Model 9-16

No	Type	speed r/min	No	Flux m ³ /h	Total pressure Pa	Power kW	Motor	
							Type	Power kW
18.2	D	1450	1	29893	19408	253.7		
			2	34816	19957	293.4		
			3	39915	20116	333.2		
			4	44839	20045	373.0		
			5	49762	19744	412.8		
			6	54862	19177	452.6		
			7	59785	18434	487.4		
			8	54709	17637	527.2		
18.2	D	960	1	19791	8507	73.6	Y315L1-6	110
			2	23051	8748	85.2		
			3	26427	8818	96.7		
			4	29686	8786	108.3		
			5	32946	8655	119.8	Y355M1-6	185
			6	36322	8406	131.3		
			7	39582	8080	141.3		
			8	42841	7731	153.0		



Shape and Installation Size Chart of Model 10-18 A Centrifugal Blower

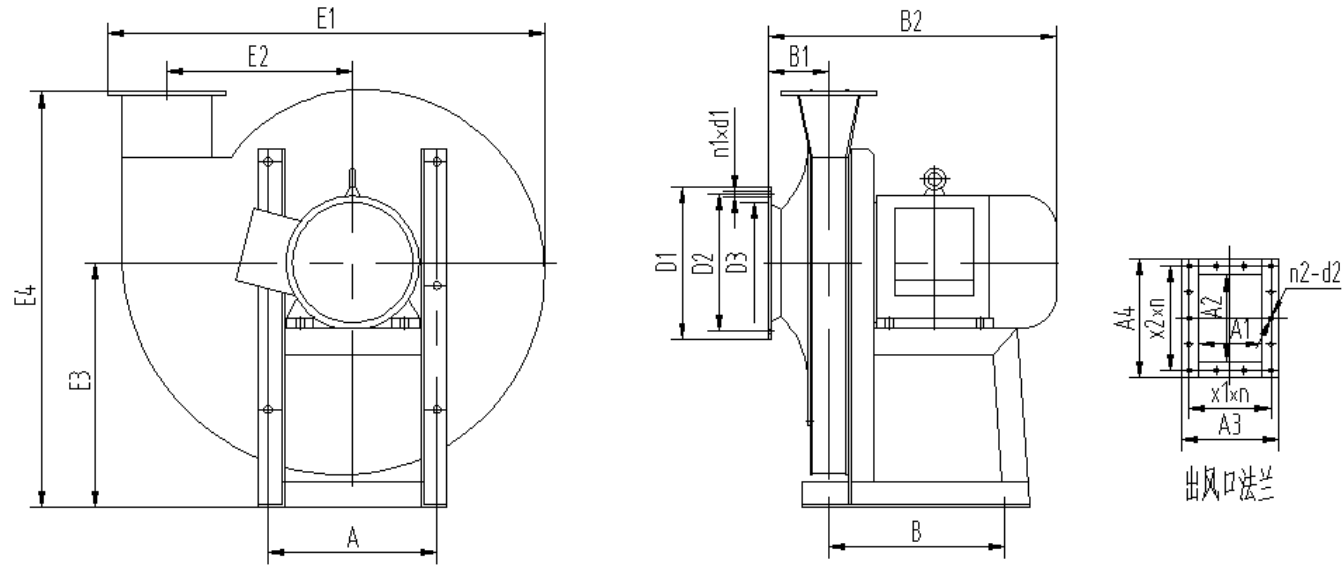
No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	230	205	180	8	8	98	132	148	182	8	14	42×3	40×4	695	290	385	651	96	451	260	270	15	4
4.5	250	225	200	8	8	113	148	163	198	8	14	46×3	44×4	771	322	432	727	108.5	543	340	330	15	4
5	284	254	224	8	8	124	166	174	216	8	14	50×3	48×4	860	360	490	820	120.5	654	406	430	15	4
5.6	310	280	250	10	8	139	185	189	235	8	14	54×3	53×4	957	403	540	910	134.5	674	406	440	15	4
6.3	360	320	280	10	8	145	202	204	258	8	14	60×3	59×4	1074	451	620	1032	157	877	470	560	15	4



Shape and Installation Size Chart of Model 10-18 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
7.1	395	355	315	10	8	174	235	234	295	10	14	68×3	68×4	1210.5	512	730	1200	175.5	977.5	932	2088	1950	1000	87	18	6	22316	280
8	435	395	355	10	8	184	256	253	322	10	14	76×3	74×3	1362	581	795	1322	194	975	1250	2423	2100	1060	87	18	6	22316	280
9	500	450	400	12	8	207	288	276	354	10	18	63×4	66×3	1518	646.5	880	1530	217	978	775	1974	1800	1160	87	18	6	22316	280
10	550	500	450	12	8	230	320	299	386	10	18	69×4	72×5	1682	717	975	1783	251	1008	913	2176	1980	1160	87	18	8	22316	280
11.2	620	560	500	12	12	258	359	350	448	12	18	79×4	83×5	1842.5	801	1050	1785	280	1285	1000	2544	1360	2350	87	18	10	22320	375
12.5	680	620	560	12	12	288	400	380	489	12	20	86×4	76×6	2106.5	897	1185	2165	301	1284.5	997	2586.5	1360	2320	87	18	14	22320	375
14	750	690	630	12	12	332	448	444	557	12	22	81×5	86×6	2366	1008	1310	2230	340	1576	1250	3167	2850	1680	87	18	16	22324	500
16	830	770	710	12	16	368	512	484	621	12	24	88×5	82×7	2744.5	1155	1520	2632	389	1640	1250	3280	2950	1870	87	18	20	22324	500

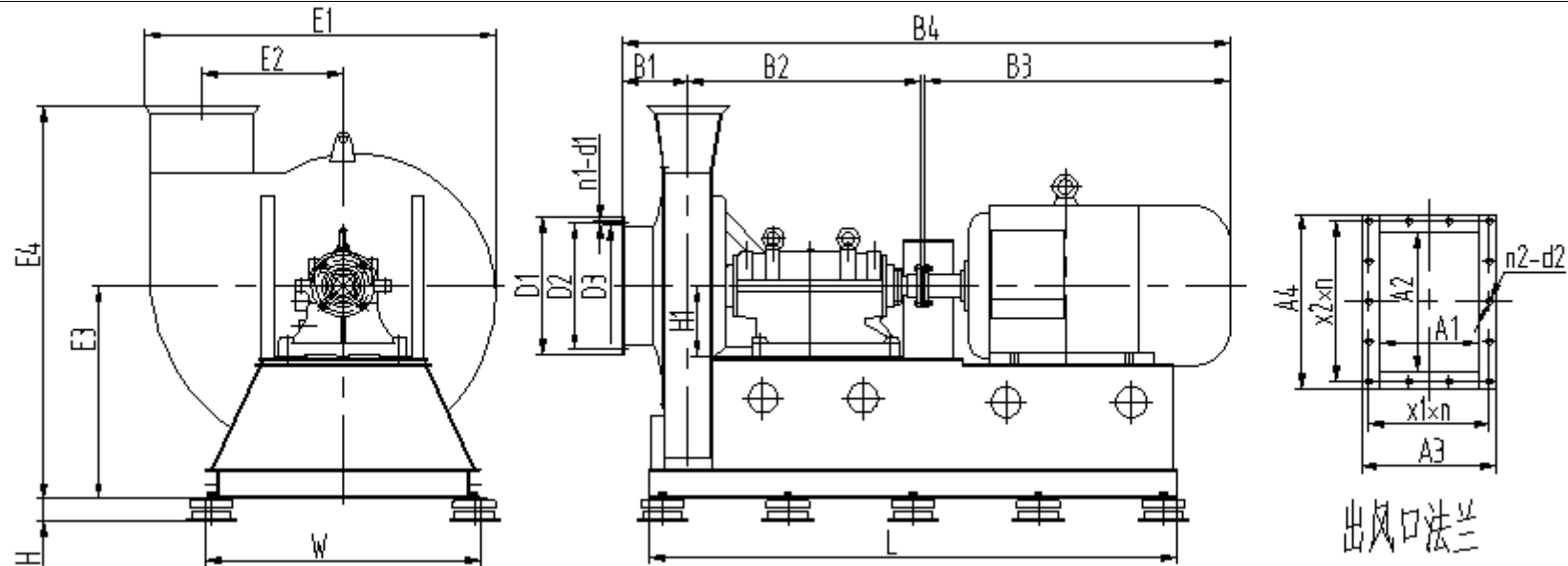
Shuangcheng Blower



Shape and Installation Size Chart of Model 9-18 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4	230	205	180	8	8	92	128	148	182	8	14	42×3	40×4	695	290	385	651	96	451	260	270	15	4
4.5	250	225	200	8	8	104	144	160	198	8	14	45×3	44×4	758	322	440	735	108.5	543	340	330	15	4
5	284	254	224	8	8	115	160	171	214	8	14	50×3	48×4	833	353	490	818	128	661.5	406	430	15	4
5.6	316	290	256	10	8	137	185	187	235	8	14	54×3	53×4	930	400.5	530	897	143	685	406	445	15	4
6.3	360	320	280	10	8	145	202	204	258	7	14	60×3	59×4	1042	450	620	1028	161	881	470	560	15	4

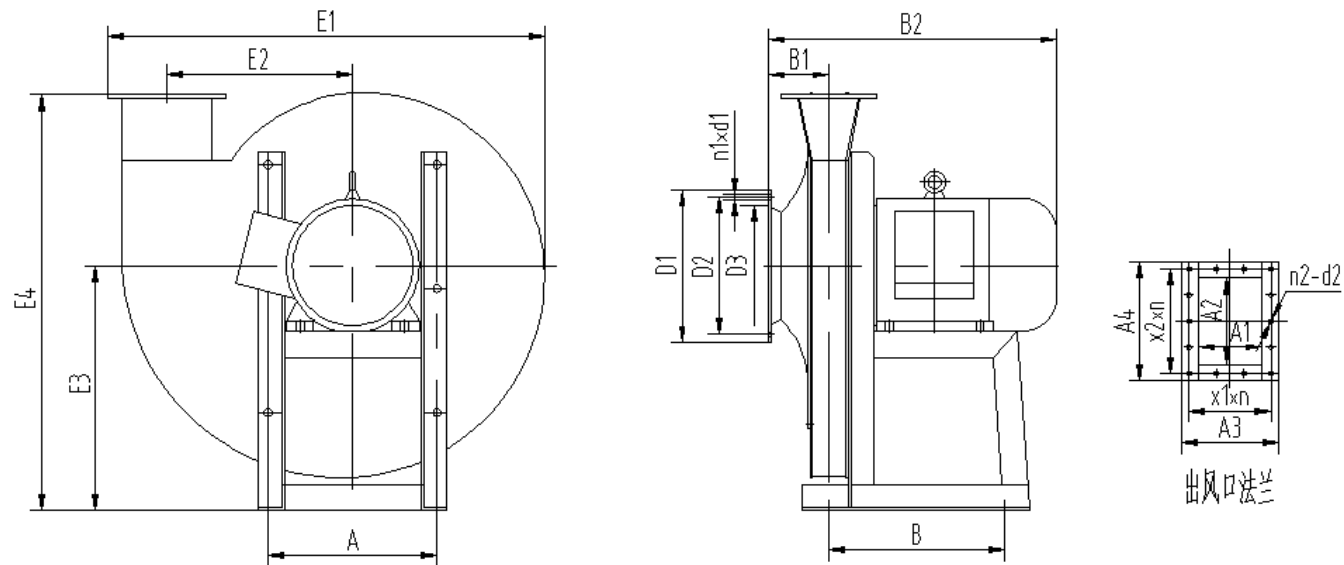
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Shape and Installation Size Chart of Model 9-18 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
7.1	395	355	315	10	8	174	235	234	295	10	14	68×3	68×4	1210.5	512	730	1200	175.5	977.5	932	2088	1950	1000	87	18	6	22316	280
8	435	395	355	10	8	184	256	253	322	10	14	76×3	74×3	1362	581	795	1322	194	975	1250	2423	2100	1060	87	18	6	22316	280
9	500	450	400	12	8	207	288	276	354	10	18	63×4	66×3	1518	646.5	880	1530	217	978	775	1974	1800	1160	87	18	6	22316	280
10	550	500	450	12	8	230	320	299	386	10	18	69×4	72×5	1682	717	975	1783	251	1008	913	2176	1980	1160	87	18	8	22316	280
11.2	620	560	500	12	12	258	359	350	448	12	18	79×4	83×5	1842.5	801	1050	1785	280	1285	1000	2544	1360	2350	87	18	10	22320	375
12.5	680	620	560	12	12	288	400	380	489	12	20	86×4	76×6	2106.5	897	1185	2165	301	1284.5	997	2586.5	1360	2320	87	18	14	22320	375
14	750	690	630	12	12	332	448	444	557	12	22	81×5	86×6	2366	1008	1310	2230	340	1576	1250	3167	2850	1680	87	18	16	22324	500
16	830	770	710	12	16	368	512	484	621	12	24	88×5	82×7	2744.5	1155	1520	2632	389	1640	1250	3280	2950	1870	87	18	20	22324	500

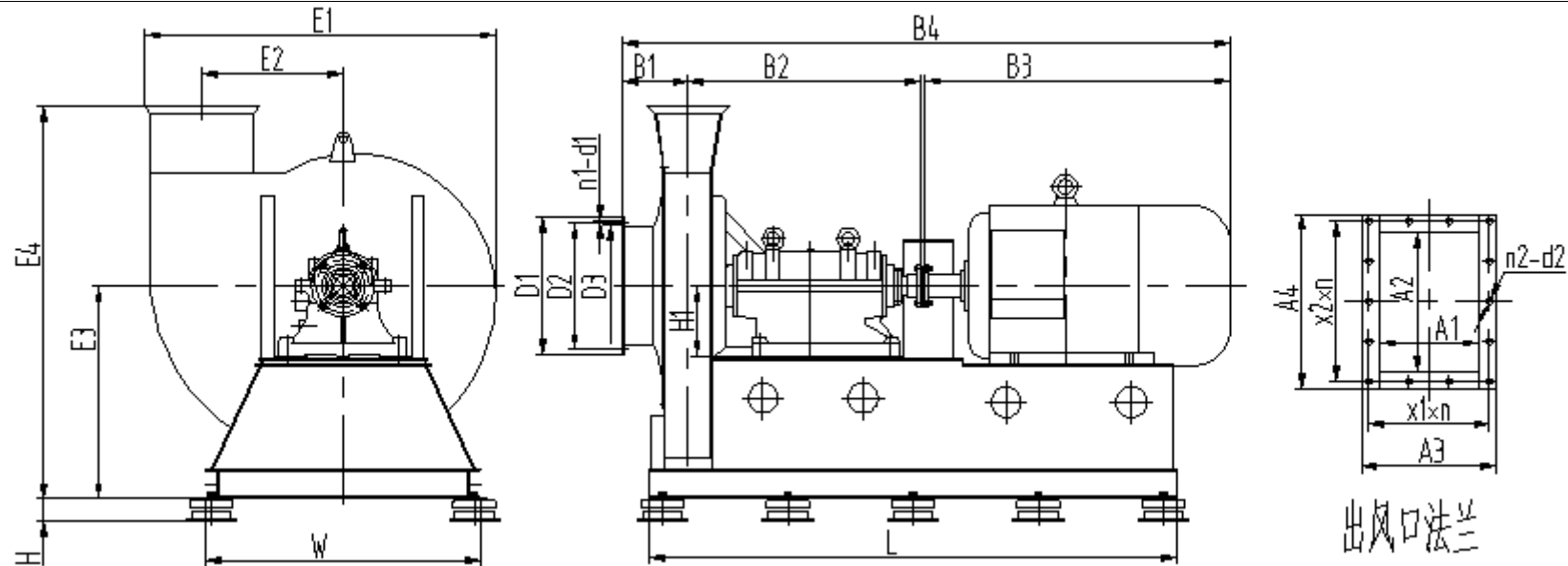
Shuangcheng Blower



Shape and Installation Size Chart of Model 9-16 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
4.6	230	205	180	8	8	98	132	148	182	8	14	42×3	40×4	695	290	385	651	96	451	260	270	15	4
5.1	250	225	200	8	8	113	148	163	198	8	14	46×3	44×4	771	322	432	727	108.5	543	340	330	15	4
5.7	284	254	224	8	8	124	166	174	216	8	14	50×3	48×4	860	360	490	820	120.5	654	406	430	15	4
6.4	310	280	250	10	8	139	185	189	235	8	14	54×3	53×4	957	403	540	910	134.5	674	406	440	15	4
7.2	360	320	280	10	8	145	202	204	258	8	14	60×3	59×4	1074	451	620	1032	157	877	470	560	15	4

Shuangcheng Blower



Shape and Installation Size Chart of Model 9-16 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No.	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
8.1	391	355	321	10	8	174	235	234	295	10	14	68×3	68×4	1210.5	512	730	1200	175.5	977.5	932	2088	1950	1000	87	18	6	22316	280
9.1	435	395	355	10	8	184	256	253	322	10	14	76×3	74×3	1362	581	795	1322	194	975	1250	2423	2100	1060	87	18	6	22316	280
10.2	500	450	400	12	8	207	288	276	354	10	18	63×4	66×3	1518	646.5	880	1530	217	978	775	1974	1800	1160	87	18	6	22316	280
11.4	550	500	450	12	8	230	320	299	386	10	18	69×4	72×5	1682	717	975	1783	251	1008	913	2176	1980	1160	87	18	8	22316	280
12.7	620	560	500	12	12	258	359	350	448	12	18	79×4	83×5	1842.5	801	1050	1785	280	1285	1000	2544	1360	2350	87	18	10	22320	375
14.2	680	620	560	12	12	288	400	380	489	12	20	86×4	76×6	2106.5	897	1185	2165	301	1284.5	997	2586.5	1360	2320	87	18	14	22320	375
15.9	750	690	630	12	12	332	448	444	557	12	22	81×5	86×6	2366	1008	1310	2230	340	1576	1250	3167	2850	1680	87	18	16	22324	500
18.2	830	770	710	12	16	368	512	484	621	12	24	88×5	82×7	2744.5	1155	1520	2632	389	1640	1250	3280	2950	1870	87	18		22324	500

Shuangcheng Blower

Model 8-09、9-12 Centrifugal Blower

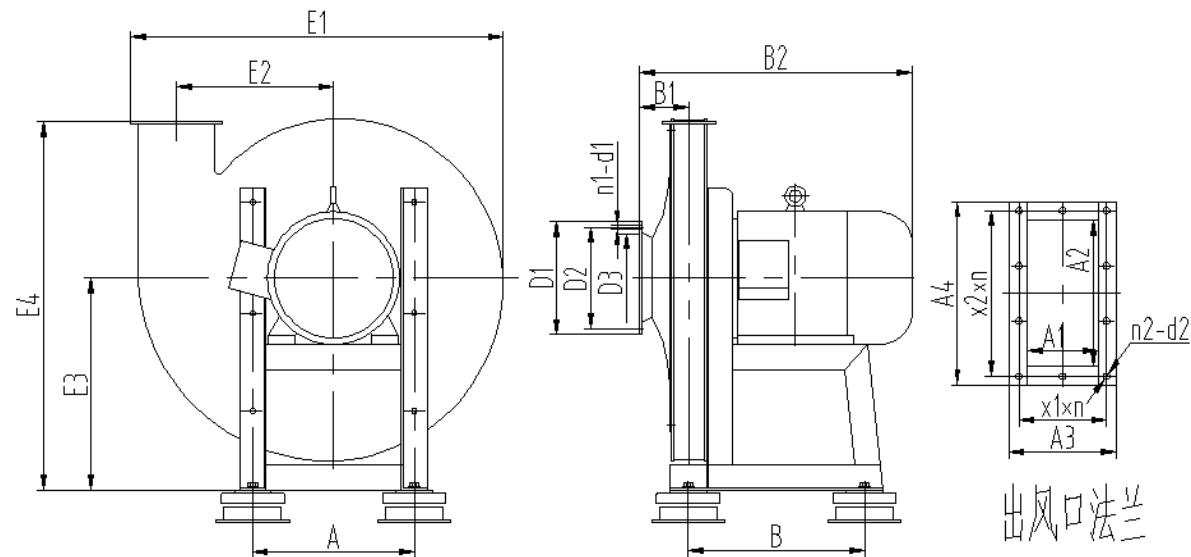
Model 8-09 Centrifugal Blower Datasheet

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
6.8A	675	10523	Y2-7.5	2900
	944	11026		
	1215	11347		
	1485	11439	Y2-11	
	1754	11341		
	2024	11063	Y2-15	
	2295	10634		
7.1D	768	11472	Y2-5.5	2900
	1075	12021	Y2-7.5	
	1383	12371	Y2-11	
	1690	12471		
	1997	12364	Y2-15	
	2304	12061		
	2612	11594	Y2-18.5	
	2919	11016		
8D	1110	14867	Y2-11	2930
	1554	15579	Y2-15	
	1998	16033	Y2-18.5	
	2442	16163	Y2-22	
	2887	16023	Y2-30	
	3331	15632		
	3775	15026	Y2-37	
	4219	14277		
8.5D	1341	17013	Y2-15	2950
	1877	17828	Y2-18.5	
	2414	18347	Y2-30	
	2950	18496		
	3487	18338	Y2-37	
	4023	17888	Y2-45	
	4560	17196		
9D	1591	19073	Y2-22	2950
	2228	19988	Y2-30	
	2865	20569		
	3502	20736	Y2-37	
	4138	20558	Y2-45	
	4775	20054	Y2-55	
	5412	19278	Y2-75	
	6049	18318		

Shuangcheng Blower

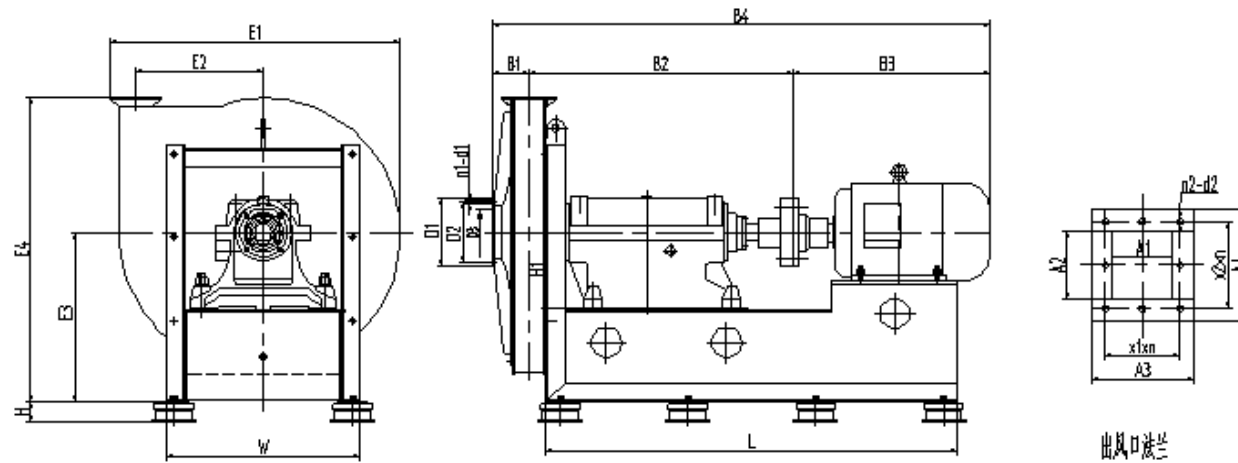
Model 9-12 Centrifugal Blower Datasheet

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
6.8A	1700	11590	Y2-15	2930
	2160	11820		
	2620	12000		
	3080	12140	Y2-18.5	
	3540	12120		
	4000	11980	Y2-22	
	4460	11740		
7.1A	2074	12347	Y2-15	2900
	2658	12661		
	3000	12807	Y2-18.5	
	3242	12896		
	3826	13024	Y2-22	
	4410	12935	Y2-30	
	14990	12739		
7.7A	2349	14543	Y2-22	2900
	3010	14887		
	3671	15171	Y2-30	
	4332	15319		
	4993	15220	Y2-37	
	5654	14985		
	6315	14583	Y2-45	
8D	2996	16216	Y2-30	2950
	3824	16528		
	4651	16931	Y2-37	
	5478	17096	Y2-45	
	6306	16931		
	7133	16729	Y2-55	
9D	4295	20803	Y2-45	2970
	5481	21202	Y2-55	
	6667	21719	Y2-75	
	7853	21931		
	9039	21719	Y2-90	



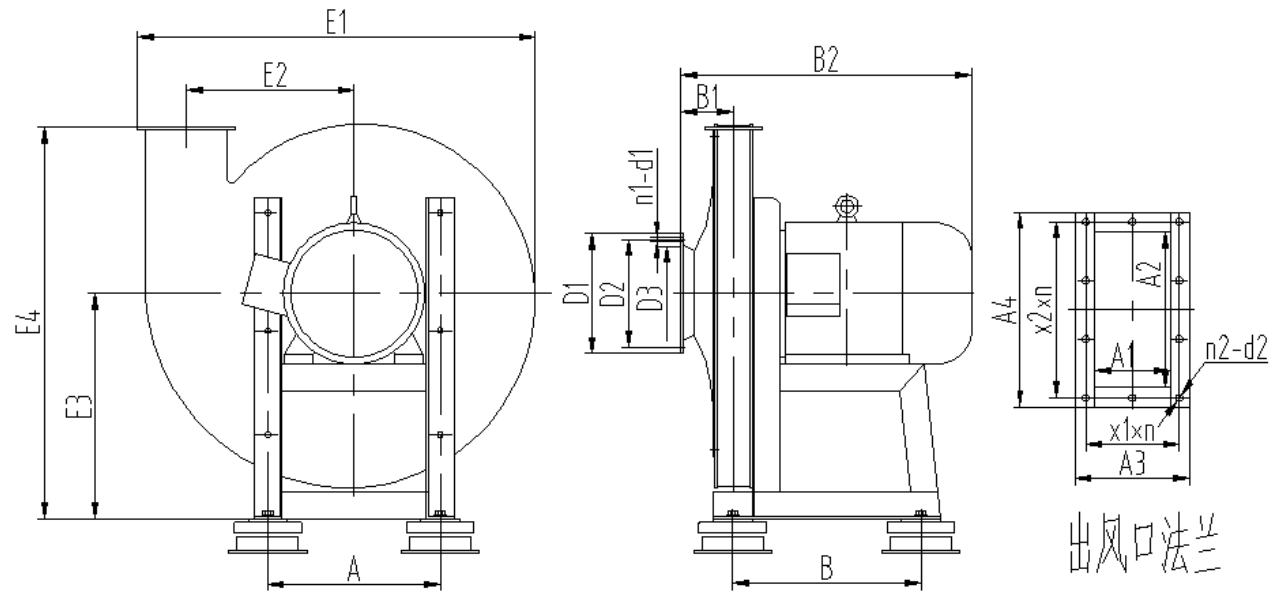
Shape and Installation Size Chart of Model 8-09 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
6.8	233	210	153	10	6	86	97	154	169	10	8	64*2	72*2	926	410	560	992	114	731	660	500	15	4



Shape and Installation Size Chart of Model 8-09 D Centrifugal Blower

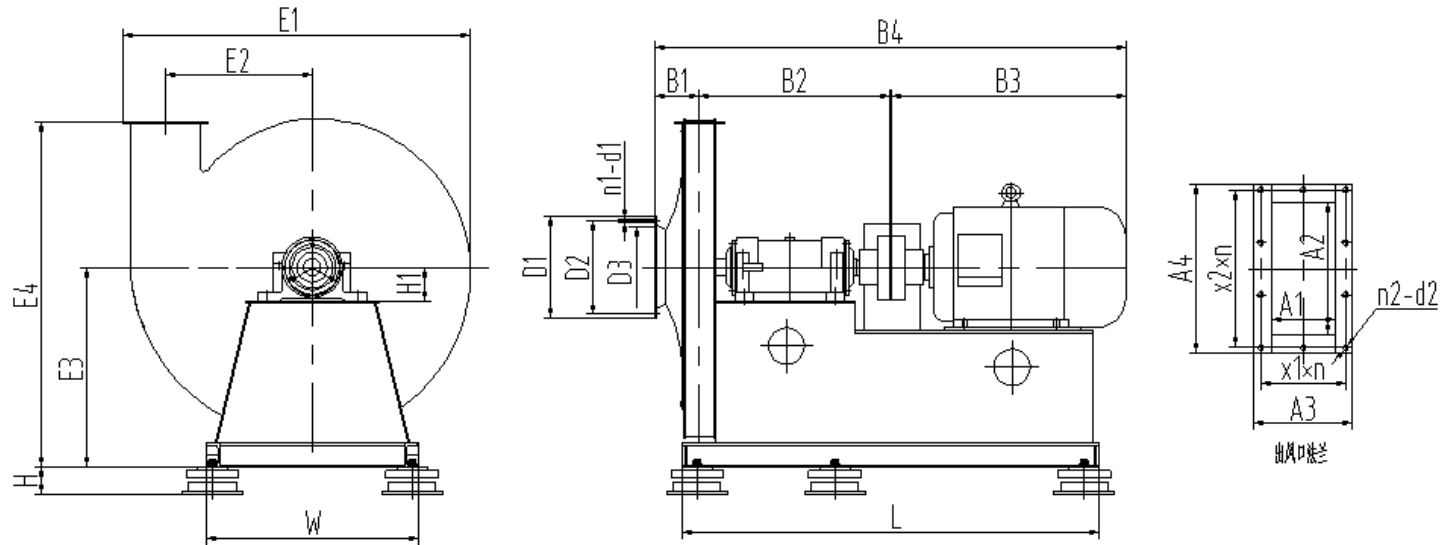
No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt		Bearing No.	H1
																									hole			
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
7.1	226	200	160	10	6	113.5	100	183.5	170	10	8	72x2	62x2	967	426	560	1009	121	884	650	1658	1370	646	87	18	8	6312	250
8	260	230	180	10	6	101.5	114	170.5	186	10	8	70x2	78x2	1033	481.5	560	1114	134	863	770	1767	1388	660	87	18	10	6312	250
8.5	270	238	191	10	6	107.8	121.5	177	194	10	8	73.5x2	82x2	1152	512	680	1226	142	992	817	1807	1422	660	87	18	12	22316	280
9	285	255	202.5	10	6	114	128.5	183	201	10	8	78.5x2	87.5x2	1158	542	680	1257	105.5	988	1002	2095.5	1770	660	87	18	14	22316	280



Shape and Installation Size Chart of Model 9-12 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
6.8	306	274	246	10	8	96	198	146	248	10	10	59.5×2	75×3	1015	428	575	999	134	742	440	480	15	4
7.1	316	280	256	10	8	100	206	160	266	10	10	66×2	80×3	1065	448	600	1042	139	749	400	480	15	4
7.7	336	310	276	10	8	104	220	164	280	10	10	70×2	86.7×3	1150	487	640	1120	149	866	470	560	18	410

Shuangcheng Blower



Shape and Installation Size Chart of Model 9-12 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No.	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
8	362	325	280	10	6	100	224	172	292	10	10	71x2	65.5x4	1194	505	715	1230	158	970	930	2058	1740	850	87	18	10	22316	280
9	395	365	315	10	6	114	253.5	186	323	10	10	78x2	73.25x4	1343	567	770	1374	178	977	1050	2205	1850	950	87	18	12	22316	280

Model C4-73
Centrifugal Blower

Model C4-73 Centrifugal Blower Datasheet

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
3.6C	4250	3138	Y2-7.5	4000
	4820	3040		
	5275	2991		
	5870	2844		
	6300	2794		
	6800	2451		
	7300	2108		
	7760	1863		
	3780	2451	Y2-5.5	3550
	4270	2402		
	4700	2353		
	5150	2255		
	5610	2157		
	6050	1961		
	6500	1716		
	6910	1471		
3.6C	3100	1863	Y2-4	3150
	3550	1814		
	3900	1765		
	4270	1716		
	4650	1618		
	5300	1471		
	5400	1274		
	5750	1127		
	2990	1569	Y2-3	2800
	3380	1520		
	3710	1471		
	4050	1422		
	4420	1323		
	4770	1225		
	5120	1029		
	5450	931		

Shuangcheng Blower

Model 4-73

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
3.6C	2640	1225	Y2-2.2	2500
	3200	1176		
	3320	1196		
	3630	1127		
	3960	1078		
	4270	1029		
	4580	833		
	4870	735		
	2380	1029	Y2-1.5	2240
	2700	980		
	2960	931		
	3240	882		
	3530	833		
	3810	784		
	4080	686		
	4350	588		
3.6C	2140	784	Y2-1.1	2000
	2420	735		
	2680	735		
	2910	686		
	3170	686		
	3420	588		
	3670	539		
	3900	441		
	1930	637	Y4-0.75	1800
	2180	637		
	2490	588		
	2610	588		
	2780	539		
	3080	490		
	3300	441		
	3510	392		
	1725	490		1600
	1950	490		
	2140	441		
	2340	441		
	2550	441		
	2760	392		
	2960	343		
	3150	294		
4.5C	7400	3922	Y2-15	3550
	8350	3824		
	9150	3726		
	10000	3530		
	10900	3383		
	11800	3040		
	12600	2647		
	13500	2255		

Shuangcheng Blower

Model C4-73

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
4.5C	6500	3089	Y2-11	3150
	7400	3040		
	8100	2942		
	8900	2844		
	9700	2696		
	10500	2402		
	11000	2059		
	11900	1814		
	5800	2451	Y2-7.5	2800
	6550	2353		
	7200	2304		
	7900	2206		
	8600	2108		
	9300	1912		
	10000	1667		
	10500	1422		
	3700	980	Y2-2.2	1800
	4200	961		
	4600	931		
	5050	912		
	5500	882		
	5950	784		
	6400	686		
	6800	588		
	3300	784	Y2-1.5	1600
	3750	774		
	4100	764		
	4500	725		
	4900	696		
	5300	627		
	5700	539		
	6050	470		
4.5C	2900	608	Y4-1.1	1400
	3300	598		
	3600	588		
	3950	558		
	4300	529		
	4650	480		
	5000	411		
	5300	362		
5.5C	10600	3667	Y2-22	2800
	11900	3589		
	13100	3510		
	14700	3353		
	15600	3197		
	16900	2883		
	18200	2490		
	19350	2177		

Shuangcheng Blower

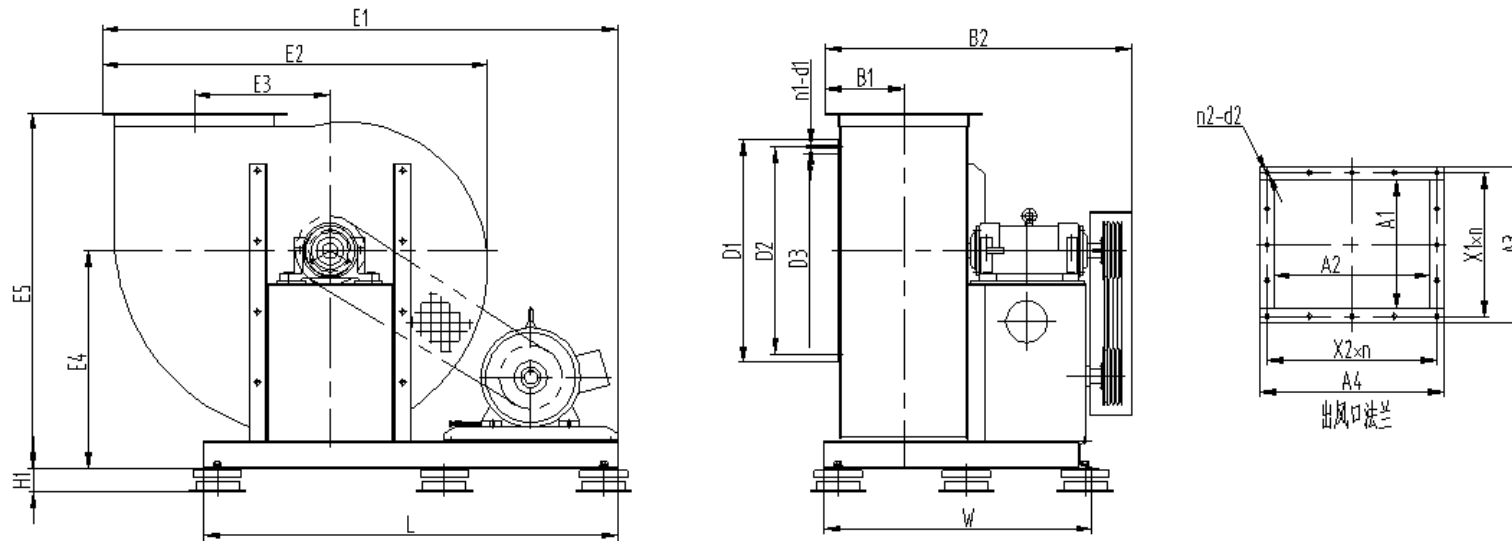
Model C4-73

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
5.5C	9500	2902	Y2-18.5	2500
	10700	2844		
	11750	2775		
	12750	2657		
	14000	2628		
	15100	2285		
	16100	1981		
	17300	1726		
	8400	2314	Y2-11	2240
	9500	2255		
	10410	2216		
	11400	2128		
	12500	2030		
	13400	1814		
	14300	1569		
	15350	1372		
5.5C	7550	1922	Y2-7.5	2000
	8550	1784		
	9360	1745		
	10250	1667		
	11150	1588		
	12050	1431		
	12800	1235		
	13800	1088		
	6800	1471	Y2-5.5	1800
	7660	1441		
	8400	1412		
	9200	1353		
	10000	1284		
	10850	1157		
	11560	1000		
	12400	872		
	6060	1216	Y2-4	1600
	6850	1176		
	7520	1147		
	8240	1098		
	9000	1049		
	9700	941		
	10300	813		
	11100	711		
	5260	902	Y2-3	1400
	5950	882		
	6540	863		
	7150	823		
	7800	789		
	8400	711		
	8950	613		
	9650	539		

Shuangcheng Blower

Model C4-73

No	Flux m ³ /h	Total pressure Pa	Power kW	speed r/min
5.5C	4750	725	Y4-2.2	1250
	5350	706		
	5900	696		
	6440	666		
	7000	637		
	7600	568		
	8060	490		
	8650	431		
	4220	578	Y4-1.5	1120
	4760	568		
	5240	558		
	5720	529		
	6250	509		
	6750	460		
	7660	392		
	7700	343		



Shape and Installation Size Chart of Model C4-73 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H1	Anchor bolt hole		
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity	
3.6	424	400	364	10	12	249	293	299	343	8	12	94.5×3	107×3	1094	720	252.5	440	682	149.5	741	880	670	43	15	5	
4.5	516	490	456	10	12	315	360	375	420	10	20	70×5	79×5	1301.5	855	311.5	520	814	187.5	765	1080	690	65	15	4	
5.5	636	600	556	10	16	394	446	464	516	10	24	70×5	80×5	1573	1091	385	621	980	232.5	847	1270	770	65	15	4	

Model C6-48
Centrifugal Blower**Model C6-48 No. 3. 15C Centrifugal Blower Datasheet**

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	1600	1	755	483	0.23	Y801-2	0.75
		2	911	470	0.26		
		3	1066	455	0.28		
		4	1222	437	0.31		
		5	1377	415	0.33		
		6	1533	387	0.35		
		7	1688	354	0.37		
C	1800	1	850	611	0.32	Y801-2	0.75
		2	1204	595	0.37		
		3	1199	576	0.40		
		4	1374	554	0.44		
		5	1549	525	0.47		
		6	1724	490	0.50		
		7	1899	448	0.53		
C	2000	1	944	755	0.44	Y801-2	0.75
		2	1138	735	0.50		
		3	1333	712	0.55		
		4	1527	684	0.60		
		5	1721	649	0.65		
		6	1916	605	0.69		
		7	2110	553	0.73		
C	2240	1	1057	948	0.62	Y802-2	1.1
		2	1275	923	0.71		
		3	1493	893	0.73		
		4	1710	859	0.79		
		5	1928	814	0.85		
		6	2146	760	0.91		
		7	2363	694	0.96		

Shuangcheng Blower

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	2500	1	1180	1181	0.81	Y802-2	1.1
		2	1423	1151	0.92		
		3	1666	1114	1.01		
		4	1909	1070	1.10	Y90S-2	1.5
		5	2152	1015	1.18		
		6	2395	947	1.26		
		7	2637	865	1.33		
C	2800	1	1322	1483	1.14	Y90S-2	1.5
		2	1594	1445	1.29		
		3	1866	1398	1.32		
		4	2138	1344	1.43	Y90L-2	2.2
		5	2410	1274	1.54		
		6	2682	1189	1.65		
		7	2954	1086	1.74		
C	3150	1	1487	1880	1.51	Y90L-2	2.2
		2	1793	1831	1.70		
		3	2099	1772	1.88		
		4	2405	1703	2.04		
		5	2711	1615	2.19	Y100L-2	3
		6	3017	1507	2.35		
		7	3323	1376	2.47		

Model C6-48 No. 4C Centrifugal Blower Datasheet

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	1250	1	1184	481	0.35	Y801-2	0.75
		2	1445	467	0.40		
		3	1705	450	0.44		
		4	1966	432	0.49		
		5	2227	410	0.53		
		6	2487	380	0.56		
		7	2748	345	0.59		
C	1400	1	1326	603	0.50	Y801-2	0.75
		2	1618	586	0.56		
		3	1910	565	0.62		
		4	2202	542	0.68		
		5	2494	514	0.74		
		6	2786	477	0.74		
		7	3077	433	0.78		
C	1600	1	1516	789	0.74	Y802-2	1.1
		2	1849	766	0.79		
		3	2183	739	0.87		
		4	2516	709	0.95		
		5	2850	672	1.03	Y90S-2	1.5
		6	3183	624	1.10		
		7	3517	565	1.16		
C	1800	1	1705	999	0.99	Y90S-2	1.5
		2	2081	970	1.12		
		3	2456	935	1.24		
		4	2831	898	1.35		
		5	3206	851	1.36		
		6	3581	790	1.45		
		7	3957	716	1.53		

Shuangcheng Blower

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	2000	1	1895	1234	1.35	Y90L-2	2.2
		2	2312	1198	1.42		
		3	2729	1156	1.58		
		4	3146	1109	1.72		
		5	3562	1052	1.86		
		6	3979	976	1.99		
		7	4396	884	2.10		
C	2240	1	2122	1550	1.77	Y90L-2	2.2
		2	2589	1505	2.00		
		3	3056	1451	2.21	Y100L-2	3
		4	3523	1393	2.42		
		5	3990	1321	2.42		
		6	4457	1225	2.58		
		7	4924	1110	2.73		
C	2500	1	2369	1933	2.46	Y100L-2	3
		2	2890	1877	2.57		
		3	3411	1810	2.85		
		4	3932	1737	3.11	Y112M-2	4
		5	4453	1647	3.36		
		6	4974	1527	3.59		
		7	5495	1384	3.79		

Shuangcheng Blower

Model C6-48 No. 5C Centrifugal Blower Datasheet

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	1000	1	1776	486	0.54	Y801-2	0.75
		2	2128	473	0.61		
		3	2572	457	0.68		
		4	3035	436	0.70		
		5	3479	410	0.76	Y802-2	1.1
		6	3942	379	0.83		
		7	4312	344	0.87		
C	1120	1	1990	610	0.71	Y802-2	1.1
		2	2383	594	0.79		
		3	2881	573	0.89		
		4	3399	548	0.99		
		5	3896	514	1.07		
		6	4415	475	1.16	Y90S-2	1.5
		7	4829	432	1.22		
C	1250	1	2221	760	0.98	Y90S-2	1.5
		2	2660	740	1.10		
		3	3215	715	1.24		
		4	3794	682	1.38		
		5	4349	641	1.38		
		6	4927	592	1.50	Y90L-2	2.2
		7	5390	538	1.57		
C	1400	1	2487	954	1.38	Y90L-2	2.2
		2	2979	929	1.44		
		3	3601	897	1.62		
		4	4249	856	1.80		
		5	4871	805	1.94		
		6	5518	743	2.11		
		7	6036	675	2.21		

Shuangcheng Blower

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	1600	1	2842	1247	1.92	Y100L-2	3
		2	3405	1215	2.15		
		3	4116	1173	2.42		
		4	4856	1120	2.47		
		5	5566	1052	2.68		
		6	6307	971	2.90		
		7	6899	882	3.04		
C	1800	1	3198	1580	2.52	Y112M-2	4
		2	3831	1540	2.83		
		3	4630	1486	3.18		
		4	5463	1419	3.52		
		5	6262	1332	3.81		
		6	7095	1230	4.13	Y132S-2	5.5
		7	7761	1118	4.33		
C	2000	1	3553	1953	3.45	Y132S1-2	5.5
		2	4256	1903	3.88		
		3	5144	1837	4.36		
		4	6070	1753	4.83		
		5	6958	1647	5.23		
		6	7883	1521	5.67	Y132S2-2	7.5
		7	8623	1381	5.94		

Shuangcheng Blower

Model C6-48 No. 6. 3C Centrifugal Blower Datasheet

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	800	1	2843	494	0.82	Y90S-4	1.1
		2	3406	481	0.92		
		3	4116	464	1.03		
		4	4857	443	1.15	Y90L-4	1.5
		5	5567	417	1.24		
		6	6308	385	1.34		
		7	6900	350	1.31		
C	900	1	3198	625	1.17	Y90L-4	1.5
		2	3631	609	1.31		
		3	4631	588	1.37		
		4	5464	561	1.51	Y100L2-4	2.2
		5	6263	527	1.64		
		6	7096	487	1.78		
		7	7762	443	1.86		
C	1000	1	3554	772	1.49	Y100L1-4	2.2
		2	4257	752	1.67		
		3	5145	726	1.88		
		4	6071	693	2.08		
		5	6959	651	2.25	Y100L2-4	3
		6	7885	602	2.44		
		7	8625	547	2.55		
C	1120	1	3980	969	2.09	Y100L2-4	3
		2	4768	944	2.34		
		3	5763	911	2.43		
		4	6799	870	2.69		
		5	7794	818	2.92		
		6	8831	755	3.16	Y112M-4	4
		7	9660	686	3.31		

Shuangcheng Blower

Model C6-48 No. 6. 3C

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	1250	1	4442	1208	2.68	Y112M-4	4
		2	5321	1177	3.00		
		3	6432	1136	3.38		
		4	7588	1085	3.75		
		5	8699	1019	4.05	Y132S-4	5.5
		6	9856	941	4.40		
		7	10781	855	4.60		
C	1400	1	4975	1517	3.76	Y132S1-2	5.5
		2	5960	1478	4.22		
		3	7204	1427	4.75		
		4	8499	1362	5.26		
		5	9743	1279	5.70	Y132S2-2	7.5
		6	11038	1181	5.92		
		7	12074	1073	6.20		
C	1600	1	5686	1985	5.62	Y132S2-2	7.5
		2	6811	1934	6.04		
		3	8233	1866	6.80		
		4	9713	1782	7.53	Y160M-2	11
		5	11134	1673	8.15		
		6	12615	1545	8.83		
		7	13799	1403	9.25		

Shuangcheng Blower

Model C6-48 No. 8C Centrifugal Blower Datasheet

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	630	1	4584	494	1.32	Y100L1-4	2.2
		2	5491	481	1.38		
		3	6637	464	1.55		
		4	7831	443	1.72		
		5	8977	417	1.86		
		6	10171	385	2.01		
		7	11126	350	2.11		
C	710	1	5166	627	1.76	Y100L2-4	3
		2	6189	611	1.97		
		3	7480	590	2.22		
		4	8826	563	2.46		
		5	10117	529	2.45		
		6	11462	489	2.66		
		7	12539	444	2.79		
C	800	1	5821	797	2.51	Y100L2-4	3
		2	6973	776	2.60		
		3	8429	749	2.93		
		4	9944	716	3.24	Y112M-4	4
		5	11399	672	3.51		
		6	12915	621	3.80		
		7	14128	564	3.98		
C	900	1	6549	1009	3.30	Y132S-4	5.5
		2	7845	983	3.70		
		3	9482	949	4.17		
		4	11187	906	4.62		
		5	12824	851	5.00		
		6	14530	786	5.42	Y132M-4	7.5
		7	15894	714	5.67		

Shuangcheng Blower

Model C6-48 No. 8C

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	1000	1	7276	1247	4.53	Y132M-4	7.5
		2	8717	1215	5.08		
		3	10535	1173	5.72		
		4	12430	1120	6.07		
		5	14249	1052	6.57		
		6	16144	971	7.12		
		7	17660	882	7.46		
C	1120	1	8150	1566	6.09	Y132M-4	7.5
		2	9763	1526	6.84	Y160M-4	11
		3	11799	1472	7.70		
		4	13922	1406	8.53		
		5	15959	1321	9.23		
		6	18082	1219	10.00		
		7	19779	1108	10.48		
C	1250	1	9096	1953	8.47	Y160L-4	15
		2	10895	1903	9.51		
		3	13169	1837	10.70		
		4	15538	1753	11.85		
		5	17812	1647	12.83		
		6	20180	1521	13.91		
		7	22075	1381	14.57		

Shuangcheng Blower

Model C6-48 No. 10C Centrifugal Blower Datasheet

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	500	1	7402	508	1.94	Y112M-4	4
		2	9178	497	2.23		
		3	11028	473	2.50		
		4	12805	445	2.52		
		5	14581	415	2.71		
		6	16432	381	2.90		
		7	18208	344	3.08		
C	560	1	8290	638	2.51	Y112M-4	4
		2	10279	623	2.89		
		3	12352	593	3.25		
		4	14342	558	3.54		
		5	16331	521	3.81		
		6	18404	478	4.08	Y132S-4	5.5
		7	20393	432	4.32		
C	630	1	9327	807	3.57	Y132S-4	5.5
		2	11564	789	4.12		
		3	13896	751	4.62		
		4	16134	706	5.04		
		5	18373	659	5.42		
		6	20704	605	5.81	Y132M-4	7.5
		7	22943	547	5.90		
C	710	1	10510	1026	5.12	Y132M-4	7.5
		2	13033	1003	5.90		
		3	15661	955	6.34		
		4	18183	898	6.91		
		5	20706	838	7.44		
		6	23334	769	7.97	Y160M-4	11
		7	25856	695	8.45		

Shuangcheng Blower

Model C6-48 No. 10C

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	800	1	11843	1034	7.01	Y160M-4	11
		2	14685	1274	8.08		
		3	17646	1213	9.07		
		4	20488	1141	9.89		
		5	23331	1065	10.64		
		6	26291	978	11.39	Y160L-4	15
		7	29134	882	12.08		
C	900	1	13323	1653	9.98	Y160L-4	18.5
		2	16521	1615	11.51		
		3	19852	1537	12.92		
		4	23049	1445	14.08		
		5	26247	1349	15.15	Y180M-4	18.5
		6	29578	1238	16.22		
		7	32776	1118	17.20		
C	1000	1	14804	2043	13.70	Y180L-4	22
		2	18356	1996	15.79		
		3	22057	1900	17.72		
		4	25610	1787	19.31		
		5	29163	1667	20.78		
		6	32864	1530	22.25		
		7	36417	1381	23.59		

Shuangcheng Blower

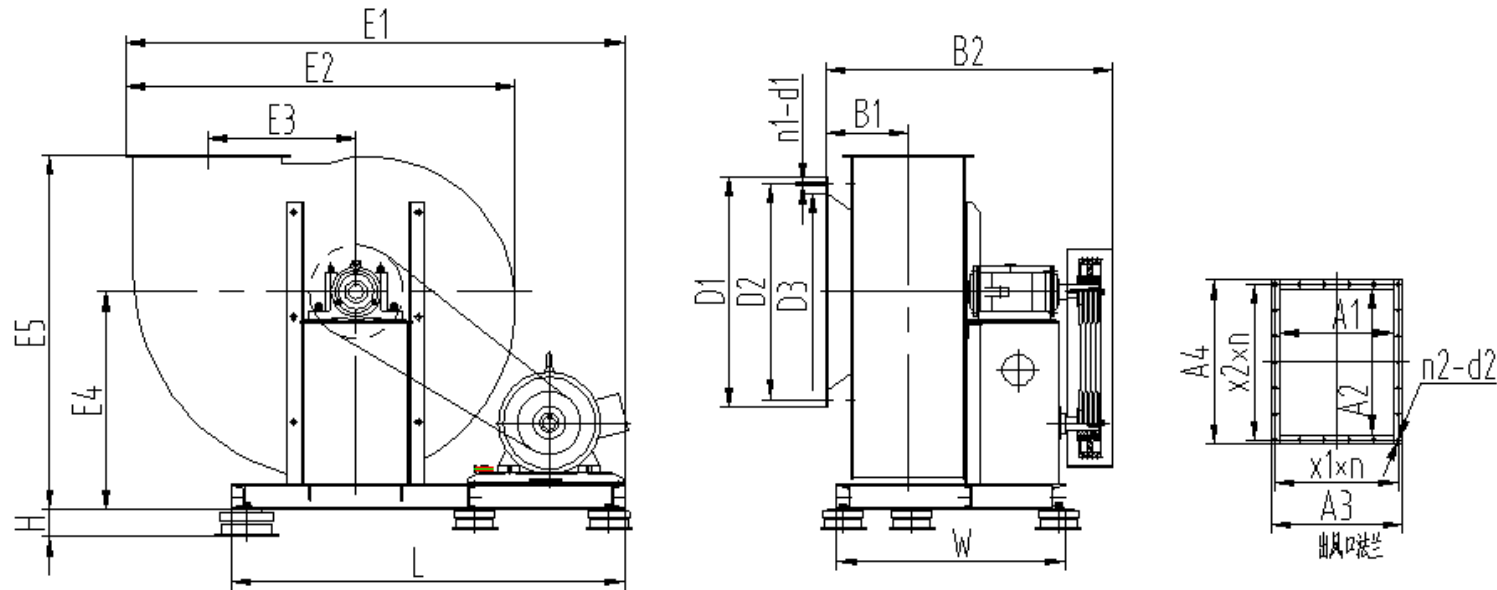
Model C6-48 No. 12. 5C Centrifugal Blower Datasheet

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	400	1	11565	508	2.79	Y112M-4	4
		2	14341	497	3.22		
		3	17232	473	3.61		
		4	20008	445	3.94		
		5	22784	415	4.24	Y132S-4	5.5
		6	25675	381	4.54		
		7	28451	344	4.81		
C	450	1	13011	643	3.97	Y132S-4	5.5
		2	16134	629	4.58		
		3	19386	598	5.14		
		4	22509	563	5.60	Y132M-4	7.5
		5	25632	525	5.78		
		6	28885	482	6.19		
		7	32007	436	6.56		
C	500	1	14457	795	5.45	Y132M-4	7.5
		2	17926	777	6.02		
		3	21540	739	6.76		
		4	25010	695	7.37		
		5	28480	649	7.93	Y160M-4	11
		6	32094	596	8.49		
		7	35564	538	9.00		
C	560	1	16191	997	7.34	Y160M-4	11
		2	20077	975	8.46		
		3	24125	928	9.50		
		4	28011	873	10.35		
		5	31897	814	11.14	Y160L-4	15
		6	35945	748	11.93		
		7	39832	675	12.64		

Shuangcheng Blower

Model C6-48 No. 12. 5C

Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
						Type	Power kW
C	630	1	18215	1264	10.45	Y160L-4	15
		2	22587	1235	12.05		
		3	27141	1175	13.52		
		4	31513	1105	14.73		
		5	35885	1031	15.86	Y180M-4	18.5
		6	40439	947	16.98		
		7	44811	855	18.00		
C	710	1	20528	1607	14.96	Y180L-4	22
		2	25455	1570	17.25		
		3	30588	1494	19.36		
		4	35515	1405	21.09		
		5	40442	1311	22.70	Y200L-4	30
		6	45574	1204	24.37		
		7	50501	1087	25.77		
C	800	1	23131	2043	21.40	Y200L-4	30
		2	28682	1996	24.67		
		3	34465	1900	27.69		
		4	40017	1787	30.17	Y225S-4	37
		5	45568	1667	32.47		
		6	51351	1530	34.77		
		7	56902	1381	36.87		



Shape and Installation Size Chart of Model 4-72 A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt		
				d1	n1					d2	n2	x1×n	x2×n											hole		
																								Φ	quantity	
3.15	310	280	250	10	8	157	202	212	258	8	14	63×3	59×4	753	568	211	338	534	108	600	740	470	43	15	4	
4	385	355	315	12	8	199	256	254	312	8	14	77×3	72.5×4	1156	716	270	445	694	132	728	1000	630	43	15	4	
5	486	450	406	12	12	262	330	312	380	8	18	72×4	72×5	1337	888	337	526	838	166	714	1160	630	65	15	4	
6.3	606	560	506	12	12	325	415.5	385	475.5	10	18	88×4	89.4×5	1492	1117	426	631	1023.5	206.5	841	1200	690	65	15	5	
8	736	690	636	12	12	411	526	511	626	15	18	115.5×4	116×5	2002	1438	542	800	1298.5	262	1061	1700	920	87	18	6	
10	910	860	800	12	16	504	655	613	771	15	24	114×5	104×7	2042	1782	678	1000	1623	327	1492	1800	1400	87	18	6	
12.5	1130	1070	1000	15	16	627	815	737	935	15	28	115×6	111×8	2708	2222	851.3	1230	2009	373	1848	2100	1810	87	18	8	

TY Series

High Pressure Centrifugal Blower

- 1.1 Model TY Series High Pressure Centrifugal Blower mainly is suitable for: With the daily processing amount of 120-300 tons wheat. While designing this series of blower, domestic and abroad advanced technology on hydro-machinery is adopted, and guided by experts on flour producing from colleges and universities and research institute, and got the final success. This series has the characteristics of wide work condition range in the high efficiency area, low noise, slinky sculpt, stable running, etc. Full pressure and wind volume both meet the requirement of horizontal type and derivational type feeder, providing a flexible choice for the newly built factory or old factory reformation.
- 1.2 Model TY Series High Pressure Centrifugal Blower also applies to the gas conveying and compulsory ventilation in other fields.
- 1.3 The gas conveyed by the Model TY Series High Pressure Centrifugal Blower should be nontoxic, innoxiously, non-corrosive, non-self-igniting, and the temperature should not be higher than 80°C. The powder dust contained in the conveying gas should be no more than 150mg/m³.

Model TY Centrifugal Blower Datasheet

Type	speed r/min	NO.	Total pressure Pa	Flux m ³ /h	current A	motor Power kW
TY30-1A (7.3-0.85A)	2950	1	8967	3640	33	30
		2	9203	6980	45	
		3	9105	9500	57	
		4	7938	11400	68	
TY37-1A (TY7.3-1.5)	2950	1	9506	7750	49	37
		2	9085	9636	56	
		3	9007	11365	60	
		4	8615	12409	66	
		5	8330	13010	68★	
		6	8281	13287	69	
		7	8134	13980	71	
TY37-2A	2950	1	9114	7860	50	37
		2	8693	9945	55	
		3	8615	11560	61	
		4	8223	12720	66	
		5	8015	13450	68★	
		6	7889	13792	69	
		7	7742	14335	72	
TY37-3A	2950	1	8350	10020	50	37
		2	8144	11840	55	
		3	8036	12560	60	
		4	7821	13250	64	
		5	7586	13780	67	
		6	7360	14100	68★	
		7	7243	14320	70	
TY37-4A	2950	1	9810	6960	49	37
		2	9536	7690	56	
		3	9114	9580	60	
		4	9036	11290	66	
		5	8654	12300	68★	
		6	8526	12980	69	
		7	8409	13150	71	

Shuangcheng Blower

Type	speed r/min	NO.	Total pressure Pa	Flux m ³ /h	current A	motor Power kW
TY45-1A	2970	1	9908	10251	64	45
		2	9634	11837	68	
		3	9389	12827	73	
		4	9173	13620	75	
		5	9026	14400	78	
		6	8928	14847	80	
		7	8820	15427	82★	
		8	8507	16200	85	
TY45-2A	2970	1	10114	9996	65	45
		2	10065	10348	68	
		3	9957	11425	72	
		4	9830	12450	75	
		5	9693	12954	78	
		6	9644	13622	81	
		7	9477	14484	83★	
		8	9379	15147	86	
TY45-3A (TY7.7-1.5)	2970	1	10310	9254	65	45
		2	10153	10347	70	
		3	9987	11650	75	
		4	9888	12245	77	
		5	9800	12813	80	
		6	9693	13495	82	
		7	9624	13882	83★	
		8	9477	15116	87	
TY45-4A (TY8.4-1.1)	2970	1	11446	9126	65	45
		2	11221	10078	71	
		3	11094	11200	75	
		4	10976	11455	77	
		5	10810	12225	80	
		6	10525	12638	83★	
		7	10114	13270	85	
		8	9908	14200	87	
TY45-5A	2970	1	9154	13130	65	45
		2	8830	14560	70	
		3	8722	15120	74	
		4	8507	15340	76	
		5	8242	15500	78	
		6	8125	15990	81	
		7	7958	16250	83★	
		8	7762	16980	86	

Shuangcheng Blower

Type	speed r/min	NO.	Total pressure Pa	Flux m ³ /h	current A	motor Power kW
TY55-1A	2970	1	10623	11040	77	55
		2	10173	12855	85	
		3	9751	14440	90	
		4	9457	15363	94	
		5	8997	16712	98	
		6	8683	17405	101	
		7	8477	17860	102★	
		8	8056	18530	104	
TY55-2A	2970	1	10192	11920	76	55
		2	10035	12490	78	
		3	9908	13585	84	
		4	9800	14760	90	
		5	9732	15864	97	
		6	9585	16905	102★	
		7	9379	17840	103	
		8	9183	18200	105	
TY55-3A (TY7.7-1.8)	2970	1	11427	9815	77	55
		2	11329	11175	83	
		3	11133	11780	86	
		4	10937	13490	93	
		5	10535	14995	99	
		6	10231	15810	102★	
		7	10182	15917	104	
		8	9477	16795	107	
TY55-4A (TY8-1.8)	2970	1	11329	9619	77	55
		2	11251	10672	81	
		3	11094	12080	88	
		4	10917	13340	93	
		5	10810	13734	99	
		6	10594	14854	102★	
		7	10369	15670	103	
		8	10339	16118	106	

Shuangcheng Blower

Type	speed r/min	NO.	Total pressure Pa	Flux m ³ /h	current A	motor Power kW
TY55-5A (TY8.4-1.5)	2970	1	12191	7607	70	55
		2	12152	8860	80	
		3	12054	9822	88	
		4	11956	10685	92	
		5	11789	11490	96	
		6	11633	12393	101	
		7	11495	12955	102★	
		8	11319	13750	108	
TY55-6A	2970	1	9820	12450	77	55
		2	9487	14500	86	
		3	8928	15720	90	
		4	8546	16530	95	
		5	8281	17020	97	
		6	7968	17880	100	
		7	7860	18260	102★	
		8	7653	18980	107	
TY55-7A	2970	1	11290	8470	66	55
		2	11025	9326	72	
		3	10819	11340	82	
		4	10456	13612	91	
		5	10104	15312	96	
		6	9967	16153	98	
		7	9761	16952	102★	
		8	9457	17609	105	
TY55-8A	2970	1	10310	11240	77	55
		2	9682	13055	85	
		3	9261	14640	90	
		4	8967	15563	94	
		5	8507	16912	98	
		6	8193	17605	101	
		7	7987	18060	102★	
		8	7566	18730	104	

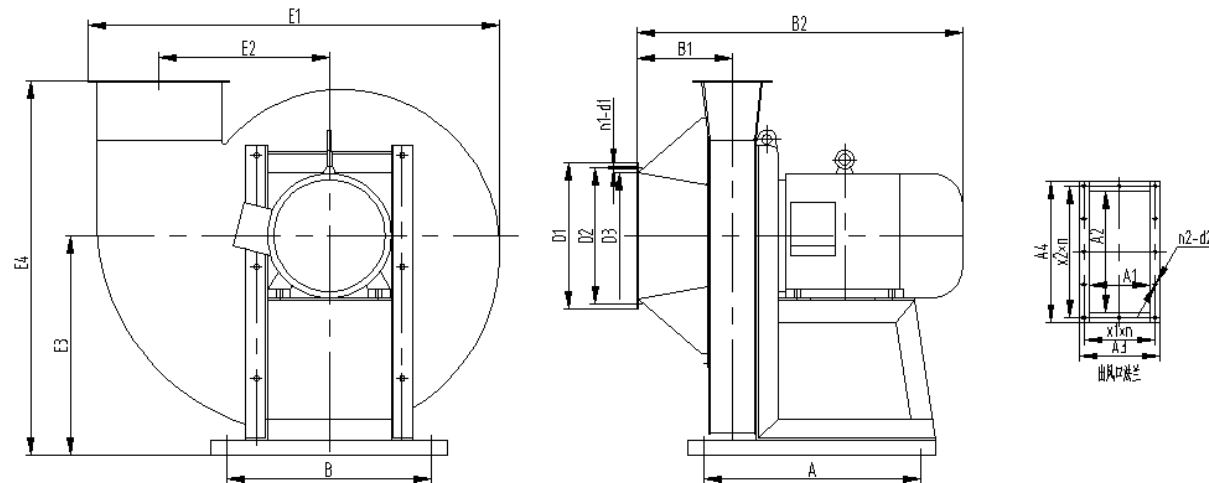
Shuangcheng Blower

Type	speed r/min	NO.	Total pressure Pa	Flux m ³ /h	current A	motor Power kW
TY75-1A (TY8.4-2.4)	2970	1	11525	14619	108	75
		2	11054	17567	115	
		3	10702	18422	120	
		4	10349	19709	125	
		5	9976	21047	130	
		6	9633	22170	135	
		7	9212	23215	140★	
		8	8751	24220	146	
TY75-2A (TY8.4-2)	2970	1	12152	13892	107	75
		2	11760	15657	116	
		3	11691	16007	119	
		4	11417	17017	125	
		5	11211	17764	130	
		6	11005	18686	135	
		7	10790	19560	140★	
		8	10359	20300	146	
TY75-3A	2970	1	12564	12548	111	75
		2	12456	13600	116	
		3	12358	14440	120	
		4	12299	14844	123	
		5	12132	15100	125	
		6	12034	15238	130	
		7	11770	17522	140★	
		8	11642	17632	143	
TY75-4A	2970	1	13573	12044	110	75
		2	13397	12485	115	
		3	13269	12695	120	
		4	13103	13125	125	
		5	13034	13713	130	
		6	12975	14100	132	
		7	12475	15890	140★	
		8	12211	16580	146	

Shuangcheng Blower

Type	speed r/min	NO.	Total pressure Pa	Flux m ³ /h	current A	motor Power kW
TY90-1A (TY8.8-2.2)	2970	1	10368	20405	125	90
		2	10221	21512	133	
		3	9996	22790	140	
		4	9771	24240	152	
		5	9584	25480	160	
		6	9506	26802	167★	
		7	9320	27587	170	
		8	9202	28682	172	
TY90-2A (TY8.8-2)	2970	1	13083	15110	131	90
		2	12564	16821	140	
		3	12201	18060	145	
		4	11966	18910	151	
		5	11515	20506	160	
		6	11172	21450	167★	
		7	11005	22050	171	
		8	10594	23205	174	
TY90-3A	2970	1	13671	12425	123	90
		2	13544	14832	134	
		3	13426	16320	143	
		4	13279	17240	150	
		5	13112	18115	154	
		6	13014	18843	162	
		7	12897	19781	167★	
		8	12887	20415	172	
TY90-4A	2970	1	9898	22400	125	90
		2	9702	23620	133	
		3	9506	24800	140	
		4	9261	26540	152	
		5	9085	27450	160	
		6	8820	28020	167★	
		7	8340	28680	170	
		8	8193	29100	172	
TY110-1A	2970	1	11760	19100	152	110
		2	11417	20800	162	
		3	11152	21500	167	
		4	10702	23450	174	
		5	10339	25390	183	
		6	9898	26540	192	
		7	9751	27900	200★	
		8	9408	28400	202	
TY110-2A	2970	1	13132	18200	154	110
		2	13054	18900	162	
		3	12907	19850	167	
		4	12838	20600	172	
		5	12593	21200	181	
		6	11858	21780	191	
		7	11515	22100	200★	
		8	10976	22940	202	

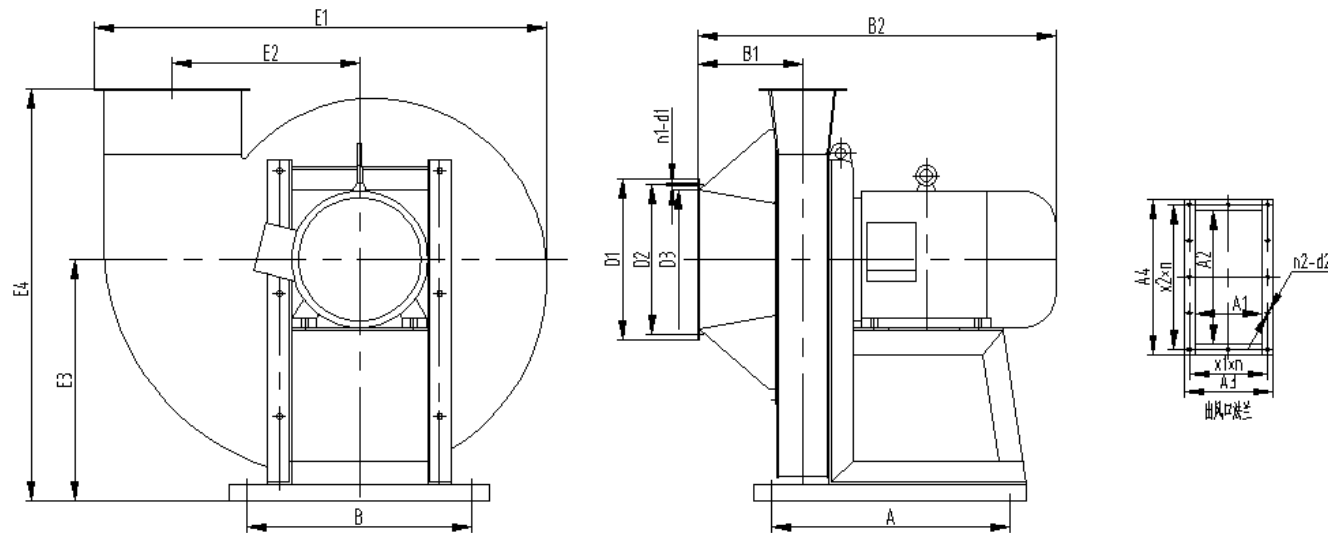
Shuangcheng Blower



Shape and Installation Size Chart of Model TY A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n1	x1xn	x2xn									Φ	quantity
TY30-1	479	440	393	10	8	292	330	372	410	12	14	110×3	92.5×4	1209	477	670	1170	296	1107	740	470	18	4
TY37-1	476	440	406	10	12	179	506	249	576	10	12	106×2	134.5×4	1450	567	828	1348	326	1076	720	750	18	4
TY37-2	476	440	406	10	12	179	506	249	576	10	12	106×2	134.5×4	1450	567	828	1348	326	1076	720	750	18	4
TY37-3	476	440	406	10	12	179	506	249	576	10	12	106×2	134.5×4	1450	567	828	1348	326	1076	720	750	18	4
TY37-4	476	440	406	10	12	179	506	249	576	10	12	106×2	134.5×4	1450	567	828	1348	326	1076	720	750	18	4
TY45-1	466	440	406	10	12	189	506	259	576	10	12	111×2	134.5×4	1452	567	833	1353	326	1121	760	740	18	4
TY45-2	466	440	406	10	12	189	506	259	576	10	12	111×2	134.5×4	1452	567	833	1353	326	1121	760	740	18	4
TY45-3	466	440	406	10	12	189	506	259	576	10	12	111×2	134.5×4	1452	567	833	1353	326	1121	760	740	18	4
TY45-4	444	416	384	10	12	194	398	264	468	10	14	78×3	108×4	1453	619	763	1353	313	1109	760	740	18	4
TY45-5	466	440	406	10	12	189	506	259	576	10	12	111×2	134.5×4	1452	567	833	1353	326	1121	760	740	18	4

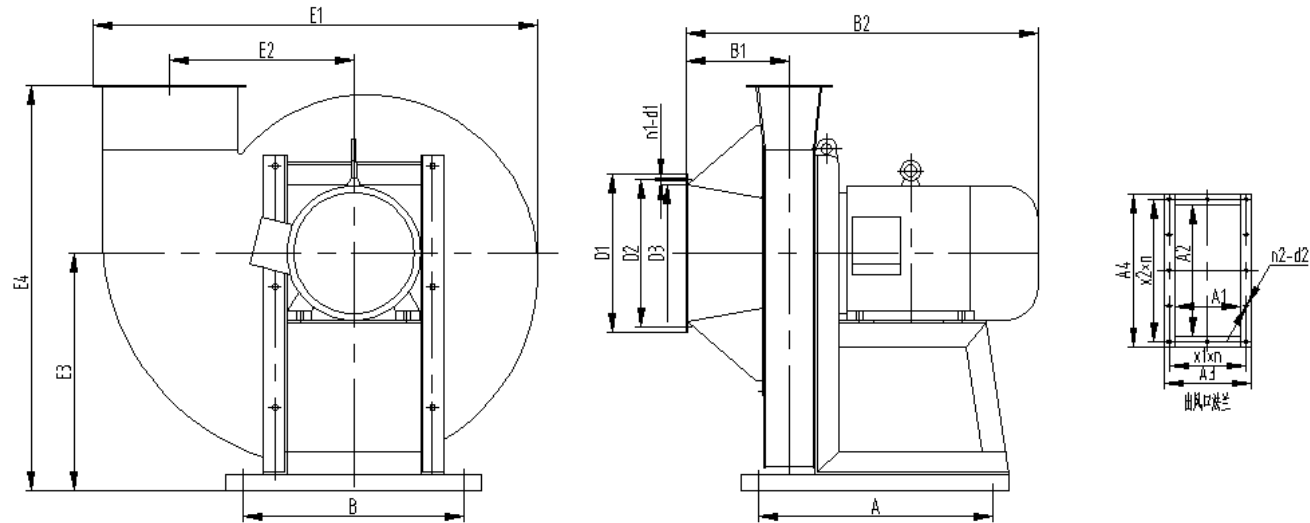
Shuangcheng Blower



Shape and Installation Size Chart of Model TY A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
TY55-1	510	480	450	10	12	220	488	290	558	12	12	125×2	129×4	1506	599	873	1513	327	1224	810	900	18	4
TY55-2	510	480	450	10	12	220	488	290	558	12	12	125×2	129×4	1506	599	873	1513	327	1224	810	900	18	4
TY55-3	510	480	450	10	12	220	488	290	558	12	12	125×2	129×4	1503	599	880	1520	327	1211	880	900	18	4
TY55-4	510	480	450	10	12	220	488	290	558	12	12	125×2	129×4	1506	599	873	1513	327	1224	810	900	18	4
TY55-5	470	440	406	10	12	190	500	254	564	12	14	111×2	106.4×5	1605	640	940	1640	293	1156	840	1100	18	4
TY55-6	470	440	406	10	12	190	506	259	576	12	12	111×2	134.5×4	1455	572	833	1353	326	1111	760	900	18	4
TY55-7	510	480	450	10	12	220	488	290	558	12	12	125×2	129×4	1506	599	873	1513	327	1224	810	900	18	4
TY55-8	510	480	450	10	12	220	488	290	558	12	12	125×2	129×4	1506	599	873	1513	327	1224	810	900	18	4

Shuangcheng Blower



Shape and Installation Size Chart of Model TY A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	连接螺栓		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
TY75-1	508	480	448	12	12	244	508	314	578	12	14	140×2	108×5	1609	636	940	1640	311	1273	910	980	18	4
TY75-2	508	480	448	12	12	244	508	314	578	12	14	140×2	108×5	1609	636	940	1640	311	1273	910	980	18	4
TY75-3	508	480	448	12	12	244	508	314	578	12	14	140×2	108×5	1609	636	940	1640	311	1273	910	980	18	4
TY75-4	535	500	456	12	12	239	388	340	489	12	18	73×4	88×5	1358	528	730	1298	240	1230	970	1000	18	4
TY90-1	512	480	442	12	12	230	500	294	564	12	14	131×2	106.4×5	1605	640	1640	310	940	1343.5	960	1100	18	4
TY90-2	512	480	442	12	12	230	500	294	564	12	14	131×2	106.4×5	1605	640	1640	310	940	1343.5	960	1100	18	4
TY90-3	512	480	442	12	12	230	500	294	564	12	14	131×2	106.4×5	1605	640	1640	310	940	1343.5	960	1100	18	4
TY90-4	512	480	442	12	12	230	500	294	564	12	14	131×2	106.4×5	1605	640	1640	310	940	1343.5	960	1100	18	4
TY110-1	512	480	442	12	12	230	500	294	564	12	14	131×2	106.4×5	1605	640	1640	310	940	1450	1060	1060	18	4
TY110-2	512	480	442	12	12	230	500	294	564	12	14	131×2	106.4×5	1605	640	1640	310	940	1450	1060	1060	18	4

GM Series Centrifugal Blower

- 1.1 GM Series Centrifugal Blower mainly applies: the single or compound application of the wind net of 2-6 rice machines. This blower has the characteristics of high efficiency, large flux, low noise, slinky sculpt, stable running, etc.
- 1.2 Model G M Series Centrifugal Blower also applies to the gas conveying and compulsory ventilation in other fields.
- 1.3 The gas conveyed by the Model GM Series Centrifugal Blower should be nontoxic, innocuously, non-corrosive, non-self-igniting, and the temperature should not be higher than 80°C. The powder dust contained in the conveying gas should be no more than 150mg/m³.

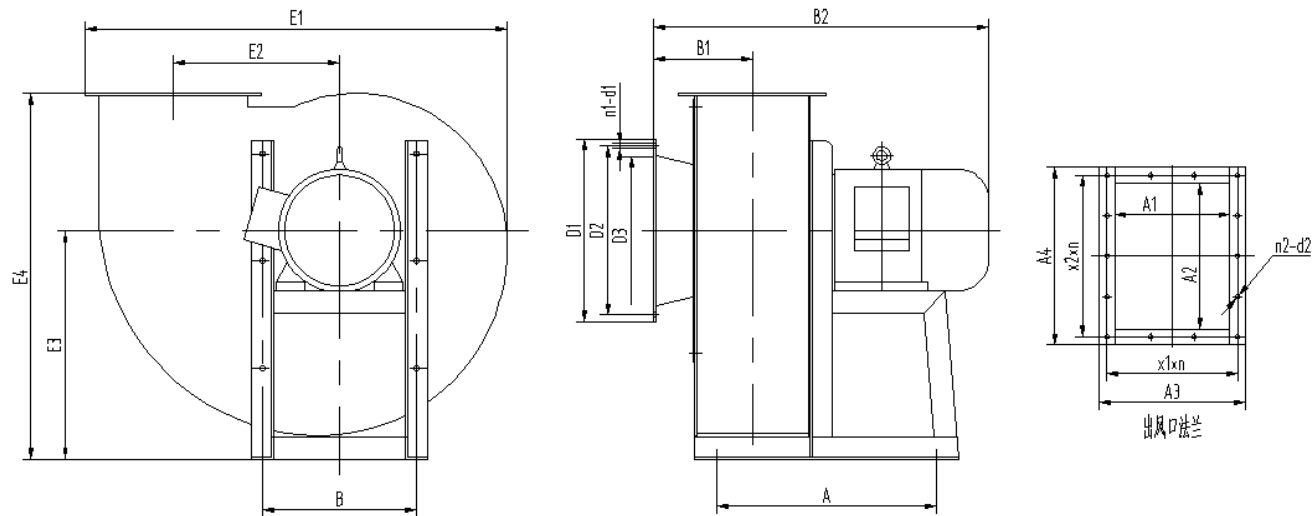
Model GM Centrifugal Blower Datasheet

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
GM7.5	A	2900	1	3980	3645	Y132S-2	7.5
			2	4406	3544		
			3	5088	3456		
			4	5689	3289		
			5	6232	3145		
			6	6655	3052		
			7	7105	2956		
			8	8045	2671		
GM11	A	2900	1	4690	4067	Y160M1-2	11
			2	5192	3954		
			3	5996	3849		
			4	6704	3669		
			5	7344	3509		
			6	7842	3405		
			7	8373	3298		
			8	9480	2980		
GM15	A	2900	1	5123	4613	Y160M2-2	15
			2	6274	4485		
			3	7245	4366		
			4	8100	4162		
			5	8873	3981		
			6	9475	3862		
			7	10116	3741		
			8	11455	3381		
GM18	A	2900	1	6336	5458	Y160L-2	18.5
			2	7316	5425		
			3	8179	5190		
			4	8961	5084		
			5	9680	4964		
			6	10347	4815		
			7	10974	4730		
			8	11452	4619		
GM22	A	2900	1	8961	5458	Y180M-2	22
			2	9458	5278		
			3	10347	5118		
			4	11568	4798		
			5	12672	4418		
			6	13688	4078		
			7	14632	3728		
			8	15520	3419		

Shuangcheng Blower

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	motor	
						Type	Power kW
GM30-1	A	2900	1	8144	6021	Y200L ₁ -2	30
			2	9974	5772		
			3	11516	5522		
			4	12873	5252		
			5	14105	4852		
			6	15235	4511		
			7	16285	4211		
			8	18210	3501		
GM30-2	A	2900	1	7500	6550	Y200L ₁ -2	30
			2	8250	6270		
			3	9775	6020		
			4	11100	5700		
			5	12400	5352		
			6	13980	5010		
			7	15000	4710		
			8	16000	4550		
GM37-1	A	2900	1	11516	6172	Y200L ₂ -2	37
			2	13627	5832		
			3	14235	5512		
			4	16287	5258		
			5	17382	5022		
			6	18209	4762		
			7	19947	4312		
			8	21545	3700		
GM37-2	A	2900	1	8224	6762	Y200L ₂ -2	37
			2	9510	6740		
			3	10070	6723		
			4	11630	6585		
			5	13000	6478		
			6	14245	6292		
			7	15386	6154		
			8	16240	6017		
GM45	A	2900	1	19500	5760	Y225M-2	45
			2	21400	5500		
			3	22939	5160		
			4	24380	4840		
			5	25930	4390		
			6	27033	4120		
			7	27745	3920		
			8	28100	3600		

Shuangcheng Blower



Shape and Installation Size Chart of Model GM A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
7.5	401	370	331	10	8	254	319	324	389	10	14	96×3	88.5×4	932	367	502	802	218.5	740	485	340	15	4
11	476	445	406	10	8	269	337	349	417	10	14	103×3	95×4	989	388	540	857	230.5	855	610	405	15	4
15	501	475	431	10	8	286	358	366	438	10	14	108×3	99.5×4	1050	414	575	912.5	245	878	625	406	15	4
18	526	490	446	10	12	297	372	377	452	12	14	112.3×3	103×4	1087	429	600	950	254	937	675	420	15	4
22	536	500	456	10	12	317	375	397	455	12	18	89×4	83×5	1107	440	615	971	264	982	700	440	15	4
30	596	545	496	12	12	346	408	426	488	12	18	96.5×4	90×5	1201	478	660	1047	279.5	1117	795	470	18	4
37	601	565	521	12	12	361	427	461	527	15	18	102.5×4	95.3×5	1266	501.5	685	1091	299.5	1145	810	470	18	4
45	631	595	551	12	12	383	458	483	558	15	18	110×4	102×5	1348	533	735	1166	317.5	1214	875	550	18	4

Model PM Centrifugal Blower

PM Centrifugal Blower: Centrifugal blower with rice polisher, The gas conveyed by the Model PM Series Centrifugal Blower should be nontoxic, innoxiously, non-corrosive, non-self-igniting, and the temperature should not be higher than 80°C. The powder dust contained in the conveying gas should be no more than 150mg/m³.

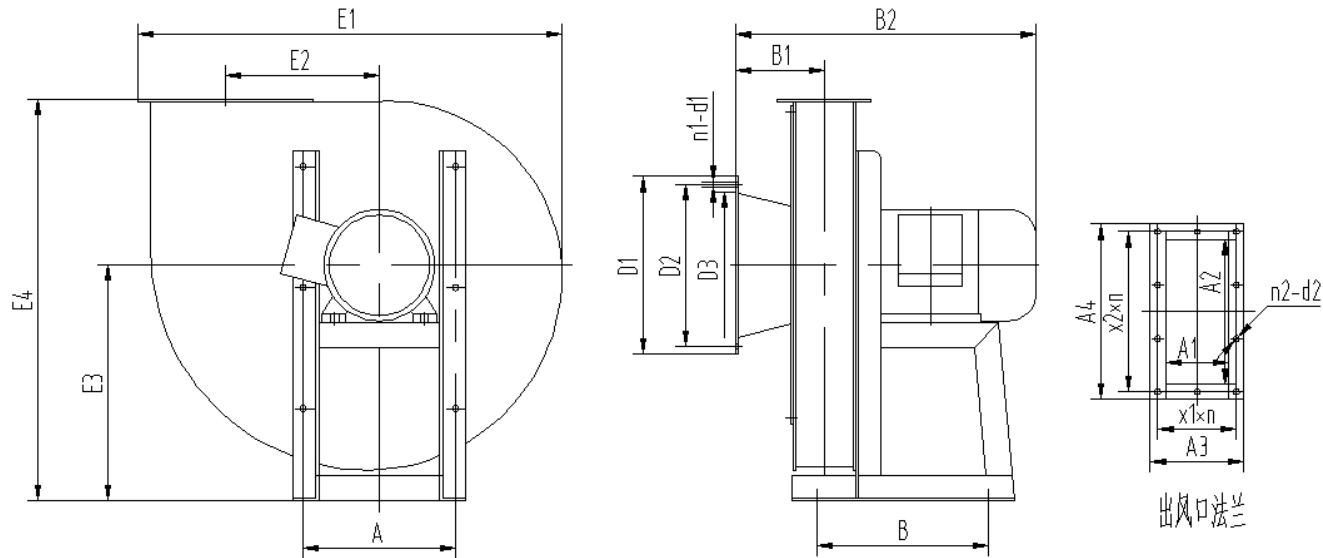
Model PM Centrifugal Blower Datasheet

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
PM11	A	2900	1	3488	5309	7.98	Y2-160M1-2	11
			2	4299	5148	9.04		
			3	4773	5065	9.59		
			4	5253	4970	10.11		
			5	6004	4759	10.95		
			6	6363	4548	10.98		
			7	6637	4514	11.35		
			8	6990	4404	11.65		
PM15	A	2900	1	4204	6013	10.90	Y2-160M2-2	15
			2	5181	5831	12.34		
			3	5753	5736	13.09		
			4	6332	5629	13.80		
			5	7237	5390	14.94		
			6	7669	5151	14.99		
			7	8000	5112	15.50		
			8	8425	4988	15.91		

Shuangcheng Blower

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
PM18	A	2900	1	4654	6435	12.9	Y2-160L-2	18.5
			2	5736	6240	14.6		
			3	6369	6138	15.5		
			4	7010	6024	16.4		
			5	8012	5768	17.7		
			6	8490	5512	17.8		
			7	8856	5471	18.4		
			8	9327	5338	18.8		
PM22	A	2900	1	10.90	10.90	15.8	Y180M-2	22
			2	12.34	12.34	17.9		
			3	13.09	13.09	19.0		
			4	13.80	13.80	20.1		
			5	14.94	14.94	21.7		
			6	14.99	14.99	21.8		
			7	15.50	15.50	22.5		
			8	15.91	15.91	23.1		
PM30	A	2900	1	6480	8024	22.4	Y2-200L1-2	30
			2	7986	7781	25.4		
			3	8868	7654	26.9		
			4	9761	7511	28.4		
			5	11156	7193	30.7		
			6	11822	6874	30.8		
			7	12332	6822	31.9		
			8	12987	6656	32.7		

Shuangcheng Blower



Shape and Installation Size Chart of Model PM A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1 Φ	B2 quantity	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
PM11	331	300	265	10	8	152	271	212	331	10	10	91x2	101x3	949	394.7	535	860	198.5	764	406	495	15	4
PM15	356	330	290	10	12	165	298	225	358	10	10	98x2	110x3	1033.3	432.1	570	924	215	787	406	500	15	4
PM18	366	336	300	10	12	170	308	230	368	10	10	100x2	112x3	1069	447	590	956	225	845	410	550	15	4
PM22	378.5	350	312.5	10	12	177	317	237	381	10	10	103.5x2	117x3	1112	465.5	615	997	229.5	878	440	550	15	4
PM30	401	370	335	10	12	189	343	249	403	10	10	110x2	125x3	1188.5	499	660	1068	248.5	1007.5	470	645	18	4

Model GS

Centrifugal Blower

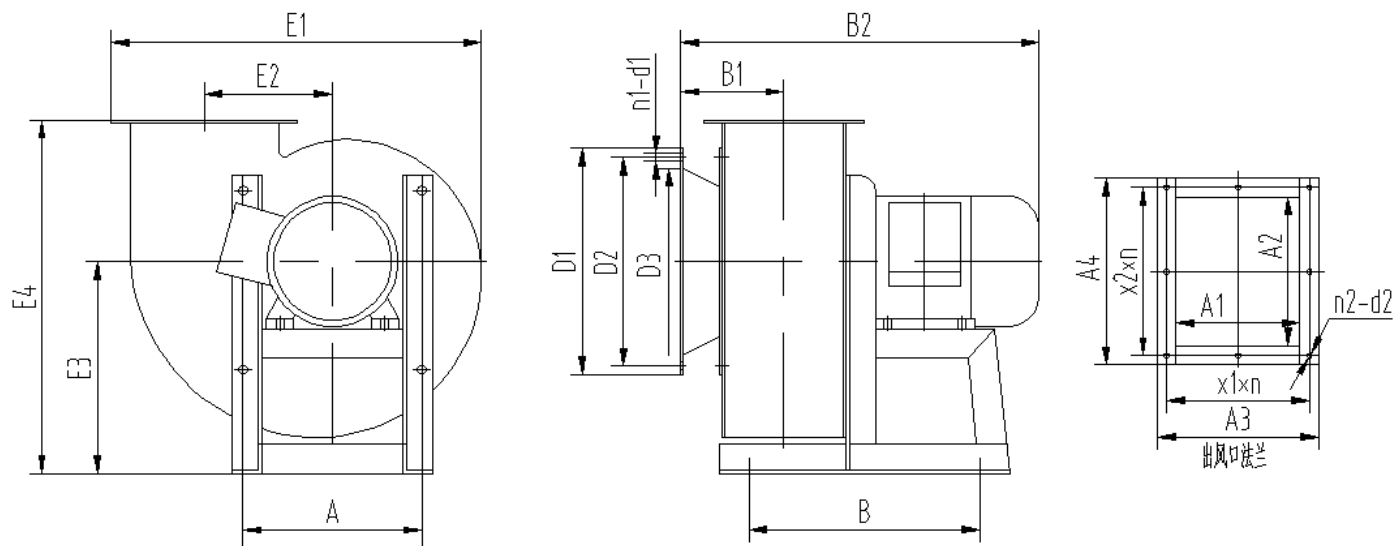
Export fan in small size and easy installation, which is applied to 60Hz power frequency countries and regions, The gas conveyed by the Model GS Series Centrifugal Blower should be nontoxic, innocuously, non-corrosive, non-self-igniting, and the temperature should not be higher than 80℃. The powder dust contained in the conveying gas should be no more than 150mg/m³.

Model GS Centrifugal Blower Datasheet

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
250	A	3480	1	1118	1109	0.71	Y90S-2	1.1
			2	1264	1070	0.69		
			3	1417	1018	0.73		
			4	1560	959	0.74		
			5	1715	884	0.78		
			6	1860	806	0.80		
			7	2012	696	0.78		
			8	2177	600	0.81		
280	A	3480	1	1572	1391	1.24	Y90S-2	1.5
			2	1776	1344	1.23		
			3	1991	1277	1.28		
			4	2194	1202	1.33		
			5	2408	1109	1.37		
			6	2612	1011	1.40		
			7	2827	873	1.38		
			8	3011	812	1.44		
300	A	3480	1	1906	1644	1.66	Y90L-2	2.2
			2	2156	1618	1.78		
			3	2406	1579	1.87		
			4	2657	1522	1.94		
			5	2908	1431	1.97		
			6	3157	1330	2.02		
			7	3408	1194	2.04		
			8	3659	1031	2.00		
320	A	3480	1	2346	1818	2.26	Y100L-2	3
			2	2651	1756	2.38		
			3	2971	1670	2.32		
			4	3275	1571	2.40		
			5	3595	1448	2.47		
			6	3900	1322	2.54		
			7	4220	1140	2.51		
			8	4887	989	2.55		

Model GS

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
360	A	3480	1	3654	2204	3.71	Y132S1-2	5.5
			2	4086	2132	3.89		
			3	4543	2043	4.06		
			4	4975	1934	4.18		
			5	5432	1809	4.32		
			6	5864	1647	4.37		
			7	6321	1424	4.35		
			8	6924	1320	4.42		
400	A	3480	1	5407	2835	6.32	Y132S2-2	7.5
			2	5968	2758	6.60		
			3	6562	2635	6.81		
			4	7154	2481	6.95		
			5	7748	2313	7.11		
			6	8308	2100	7.11		
			7	8903	1900	7.24		
			8	9859	1773	7.36		
450	A	3480	1	7699	3596	10.92	Y160M2-2	15
			2	8497	3496	11.40		
			3	9342	3341	11.77		
			4	10187	3145	12.01		
			5	11033	2932	12.25		
			6	11831	2662	12.27		
			7	12674	2409	12.51		
			8	13255	2335	12.90		



Shape and Installation Size Chart of Model GS A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
250	304	280	254	10	8	166	200	216	250	8	8	96×2	113×2	497	172	285	475	139	482	240	310	15	4
300	364	335	304	10	8	189	310	239	360	8	14	72×3	85×4	653	213	370	605	142.5	522	240	360	15	4
320	384	360	324	10	12	210	262	260	312	8	12	118×2	71.5×4	639	224	360	610	158	583	260	410	15	4
335	399	375	339	10	12	230	273	280	323	8	12	85×3	100×3	667	235	377	637	168	623	300	460	15	4
360	424	400	364	10	12	249	293	299	343	8	12	91.5×3	107×3	715	252.5	402	682	177.5	697	340	500	15	4
400	466	440	406	10	12	288	326	338	376	8	20	63×5	71×5	779	274	442	742	196	735	340	540	15	4
450	516	490	456	10	12	315	360	375	420	12	20	70×5	79×5	878	311.5	500	835	215.5	863	406	655	15	4

Model SCD
High efficient and energy saving
Centrifugal Blower

With its effective replacement of the Model 4-72 conventional fan and 20 percent reduction of the motor power, Model SCD Centrifugal Blower may be used for the indoor ventilation in ordinary factory or in large-scale building of both air input and output. Convey air or other gas which may not self-ignite, do no harm to human body or is not corrosive to the steels. No glutinous matter is allowed in the gas. The dust or grain matter is no more than 150mg/m^3 . The gas temperature is no more than 80°C .

The blower may be made in the model of left revolving or right revolving.

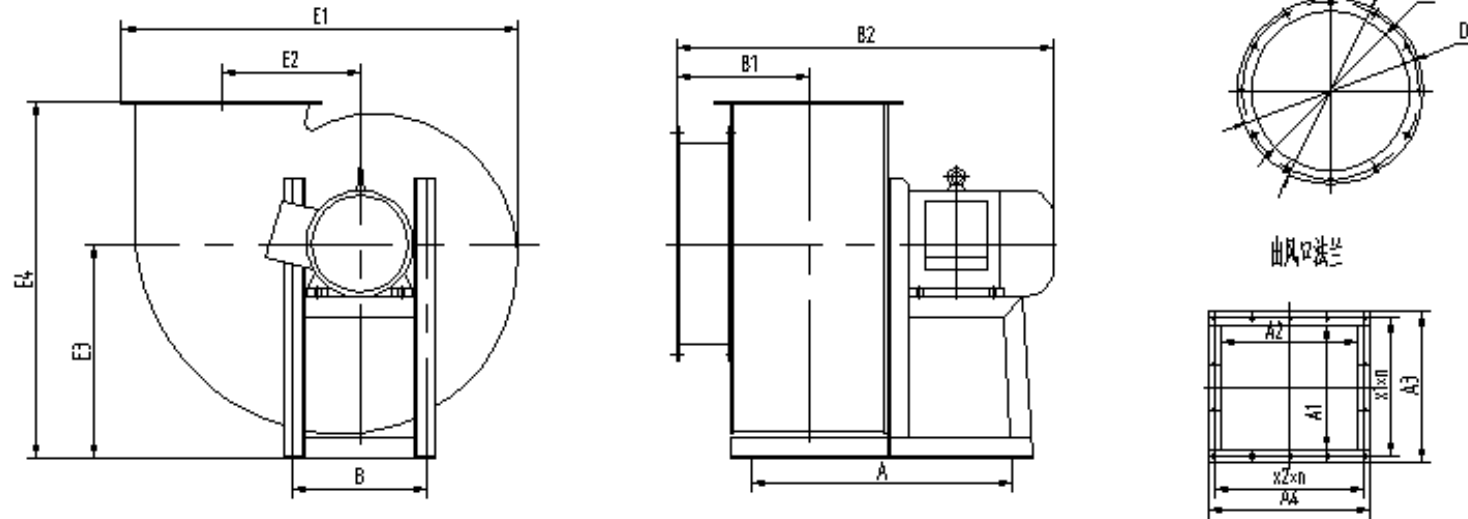
For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

Model SCD Centrifugal Blower Datasheet

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
SCD365	A	2900	1	3069	1638	1.7	Y2-90L-2	2.2
			2	3440	1589	1.8		
			3	3813	1532	1.9		
			4	4186	1435	1.9		
			5	4528	1350	2.0		
			6	4874	1250	2.0		
			7	5414	1054	2.0		
			8	5929	896	1.9		
SCD380	A	2900	1	3928	1931	2.6	Y2-100L-2	3
			2	4402	1873	2.7		
			3	4880	1806	2.8		
			4	5358	1692	2.9		
			5	5794	1592	3.0		
			6	6237	1473	3.1		
			7	6929	1243	3.0		
			8	7588	1056	2.8		
SCD400	A	2900	1	4581	2139	3.4	Y2-112M-2	4
			2	5135	2075	3.5		
			3	5692	2001	3.6		
			4	6249	1875	3.7		
			5	6758	1764	3.9		
			6	7275	1632	4.0		
			7	8082	1377	3.9		
			8	8850	1250	3.9		
SCD430	A	2900	1	5691	2472	4.7	Y2-132S1-2	5.5
			2	6379	2398	4.9		
			3	7071	2313	5		
			4	7763	2166	5.2		
			5	8396	2038	5.4		
			6	9038	2001	5.6		
			7	10040	1860	5.5		
			8	10994	1580	5.3		
SCD450	A	2900	1	6522	2707	6.1	Y2-132S2-2	7.5
			2	7311	2626	6.3		
			3	8104	2533	6.5		
			4	8897	2372	6.7		
			5	9623	2232	6.9		
			6	10358	2066	7.2		
			7	11507	1743	7.1		
			8	12601	1481	6.6		

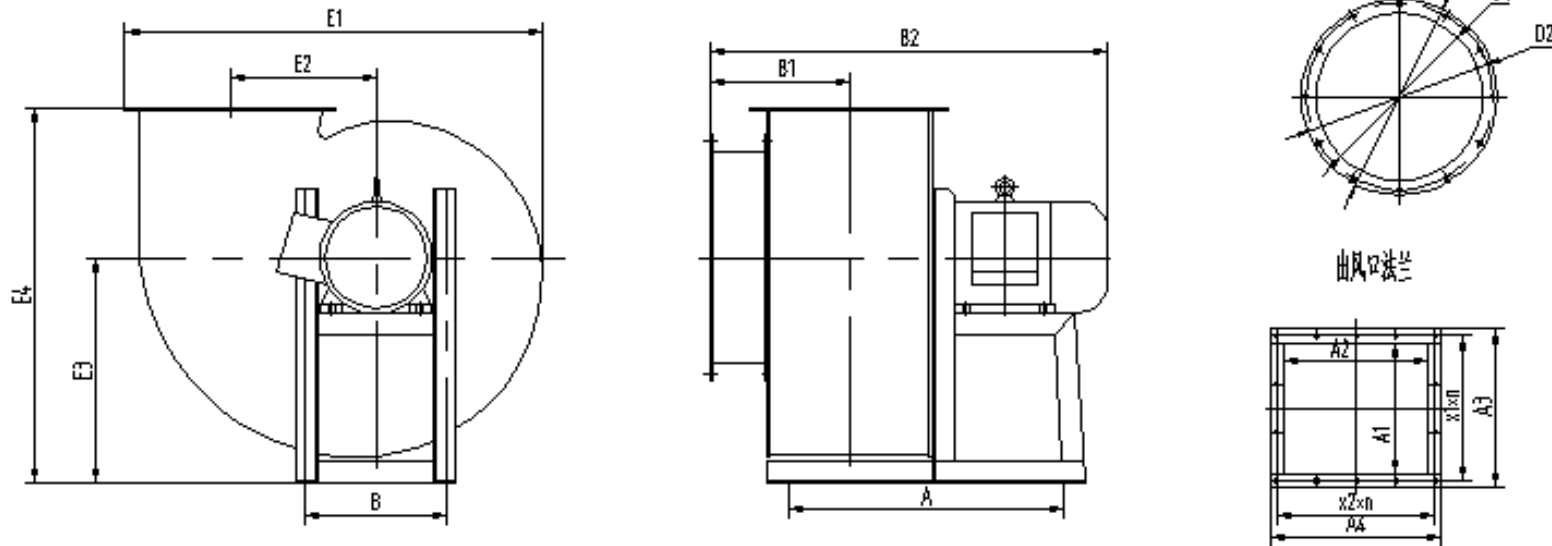
Shuangcheng Blower

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
SCD490	A	2900	1	8421	3210	9.4	Y2-160M1-2	11
			2	9439	3114	9.7		
			3	10463	3003	10.0		
			4	11487	2813	10.3		
			5	12424	2647	10.6		
			6	13373	2449	11.0		
			7	14857	2253	11.8		
			8	16268	1982	11.4		
SCD520	A	2900	1	10064	3615	12.6	Y2-160M2-2	15
			2	11281	3507	13.0		
			3	12505	3382	13.5		
			4	13729	3168	13.9		
			5	14848	2981	14.3		
			6	15983	2758	14.7		
			7	17756	2327	14.6		
			8	19443	1978	13.6		
SCD540	A	2900	1	11271	3899	15.2	Y2-160L-2	18.5
			2	12633	3782	15.7		
			3	14004	3647	16.3		
			4	15374	3416	16.8		
			5	16628	3214	17.3		
			6	17899	2974	17.8		
			7	19884	2785	19.5		
			8	21774	2430	18.7		
SCD560	A	2900	1	12570	4193	18.3	Y2-180M-2	22
			2	14090	4067	18.9		
			3	15619	3922	19.5		
			4	17147	3674	20.1		
			5	18545	3457	20.7		
			6	19962	3199	21.4		
			7	22177	2699	22.0		
			8	24284	2293	22.6		
SCD590	A	2900	1	14700	4654	23.7	Y2-200L1-2	30
			2	16477	4515	24.5		
			3	18266	4354	25.3		
			4	20053	4078	26.1		
			5	21688	3837	26.9		
			6	23345	3551	27.7		
			7	25935	2996	27.4		
			8	28399	2546	25.6		



Shape and Installation Size Chart of Model SCD A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				M	quantity					M	quantity	x1×n	x2×n									Φ	quantity
365	350	390	416	8	8	276	300	336	360	6	14	102×3	83.5×4	694	239	380	632	242	665	445	240	15	4
380	380	420	446	8	12	300	325	360	385	6	14	110×3	90×4	759	265	410	684	254	724	500	260	15	4
400	400	440	466	8	12	315	342	375	402	6	14	115×3	93×4	797	279	442	730	261.5	759	545	300	15	4
430	430	470	496	8	12	338	367	398	427	8	14	122×3	100×4	856	300	472	782	274	838	590	340	15	4
450	450	495	536	8	12	354	384	434	464	8	16	99×4	105×5	904	324	487	811	282.5	854	585	340	15	4



Shape and Installation Size Chart of Model SCD A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				M	quantity					M	quantity	x1×n	x2×n									Φ	quantity
490	490	535	576	8	12	385	418	465	498	8	18	106×4	92×5	966	334	540	893	298	980	725	406	15	4
520	520	565	606	8	12	409	443	489	523	8	18	112.5×4	97×5	1039	364	565	939	309.5	1004	750	406	15	4
540	540	585	626	8	16	424	460	504	540	8	18	116×4	100×5	1074	376	585	974	317	1064	805	410	15	4
560	560	610	646	10	16	440	476	520	556	10	20	96×5	103×5	1097	383	610	1013	325	1105	820	440	15	4
590	590	635	676	10	16	463	502	543	582	10	20	100×5	108×5	1169	411	640	1065	336.5	1233	915	470	18	4

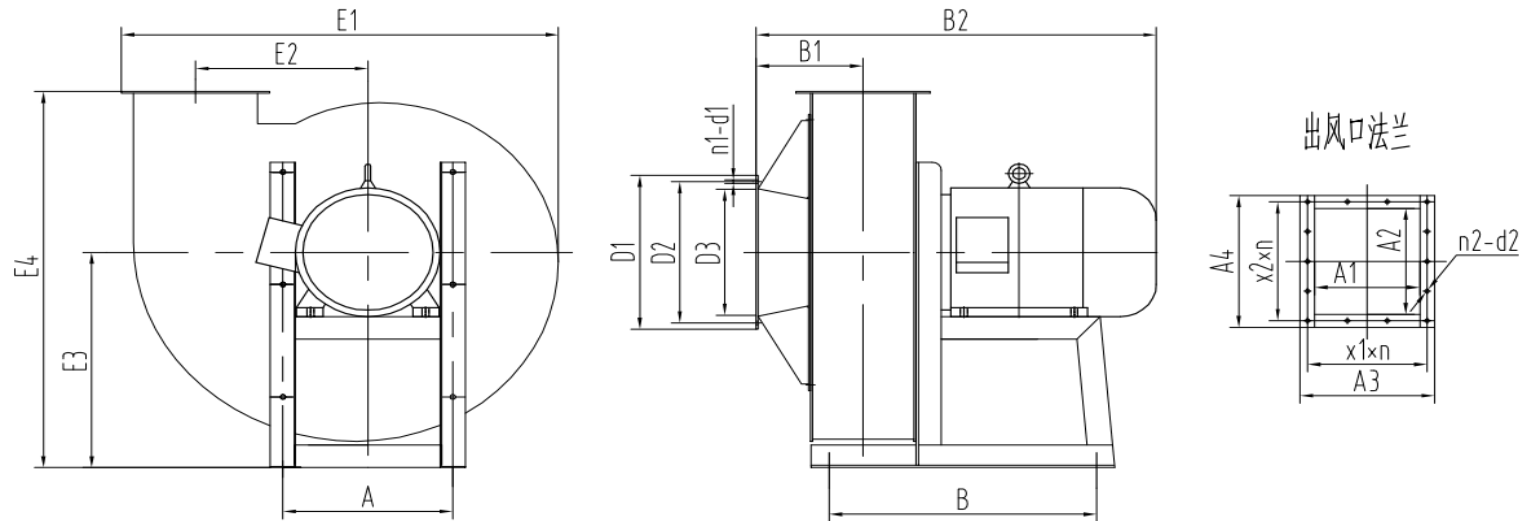
Model SCG

Centrifugal Blower

The Model SCG Centrifugal Fan not only fills the void of the large flow and high-stress fan, but also makes the efficiency to 90 percent.

Model SCG Centrifugal Blower Datasheet

Type	Speed rpm	No.	Flux m ³ /h	Total pressure Pa	Power kW	Motor Power kW
SCG18A	2900	1	7830	6637	15.99	Y2-18.5
		2	8407	6428	16.53	
		3	8871	6137	17.06	
		4	9523	5773	17.59	
		5	10322	5345	18.13	
		6	10792	4262	18.39	
SCG18C	2700	1	7290	5753	12.91	Y2-15
		2	7827	5572	13.34	
		3	8259	5320	13.77	
		4	8866	5004	14.20	
		5	9610	4633	14.63	
		6	10048	3695	14.84	
SCG22A	2900	1	6642	8321	17.01	Y2-22
		2	7763	7989	18.82	
		3	8541	7797	19.83	
		4	8783	7722	20.15	
		5	9692	7494	21.33	
		6	10313	7249	21.59	
SCG30A	2900	1	6232	10284	19.78	Y2-30
		2	6964	10209	20.21	
		3	8055	9944	21.99	
		4	9106	9489	24.10	
		5	10454	8773	26.41	
		6	11910	7907	27.87	
SCG37-1A	2900	1	6153	10282	25.07	Y2-37
		2	8350	9931	29.97	
		3	9588	9635	32.70	
		4	11436	9161	34.88	
		5	12707	8710	36.99	
SCG37-2A	2900	1	8305	10389	28.34	Y2-37
		2	9276	10249	29.97	
		3	10151	10098	32.15	
		4	12124	9730	34.88	
		5	13454	9152	37.15	



Shape and Installation Size Chart of Model SCG A Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size						Installation Size			
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	A	B	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n									Φ	quantity
SCG18	362	332	296	10	8	200	300	280	380	10	14	80x3	85x4	1102	433	620	1074	235	870	420	580	18	4
SCG22	362	332	296	10	8	200	311	280	391	12	14	81x3	88x4	1140	449	635	1105	320	980	440	580	18	4
SCG30	479	440	393	12	8	262	330	342	410	12	14	100x3	92.5x4	1209	477	670	1170	281	1077	470	710	18	4
SCG37	486	440	400	12	8	262	347	342	427	12	14	100x3	97x4	1266	500	700	1225	256	1052	470	715	18	4

G4-68 Centrifugal Boiler Blower

Y4-68 Centrifugal Boiler Blower

Model G4-68 and Y4-68 boiler blower and blower apply to the system of blower and blower for vapor boiler below 230T/H in the Power plant. While having no special requirement, G4-68 may also be used for mine ventilation and ordinary ventilation.

The medium conveyed by the blower is air, no more than 80℃ of the highest temperature. The medium conveyed by the blower is smoke, no more than 250℃ of the highest temperature.

A dust catching device must be installed in front of the blower, to reduce as much as possible the dust in the smoke entered the blower. The dust catching efficiency is no less than 85%.

Performance indicated in the performance chart, the performance of blower is calculated according to the air medium that: blower $t=20^{\circ}\text{C}$, atmospheric pressure $P_a=101325\text{Pa}$, air density $\rho=1.2\text{Kg/m}^3$. The performance of blower is calculated according to the air medium that: air temperature $t=140^{\circ}\text{C}$, atmospheric pressure $P_a=101325\text{Pa}$, air density $\rho=0.85\text{kg/m}^3$.

Shuangcheng Blower

Model G4-68 Centrifugal Blower Datasheet

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
8	D	1450	1	2177	16985	1406	Y180M-4	18.5
			2	2138	19176	15.06		
			3	2069	21368	15.85		
			4	1971	23559	16.53		
			5	1834	25751	17.03		
			6	1667	27942	17.25		
			7	1481	30134	17.25		
9	D	1450	1	2756	24183	25.31	Y200L-4	30
			2	2707	27304	27.15		
			3	2609	30424	28.46		
			4	2491	33544	29.76		
			5	2324	36665	30.72		
			6	2109	39785	31.06		
			7	1873	42906	31.06		
9	D	960	1	1206	16011	7.33	Y160L-6	11
			2	1187	18077	7.89		
			3	1147	20143	8.28		
			4	1089	22209	8.61		
			5	1020	24275	8.93		
			6	922	26341	8.99		
			7	824	28407	9.05		
10	D	1450	1	3403	33173	42.88	Y250M-4	55
			2	3334	37454	45.88		
			3	3227	41734	48.28		
			4	3070	46014	50.31		
			5	2864	50295	51.91		
			6	2609	54575	52.72		
			7	2315	58856	52.65		
10	D	960	1	1491	21963	12.44	Y180L-6	15
			2	1461	24797	13.31		
			3	1412	27631	13.99		
			4	1344	30465	14.57		
			5	1255	33299	15.07		
			6	1138	36132	15.22		
			7	1010	38966	15.22		

Shuangcheng Blower

Model G4-68

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
10	D	730	1	863	16701	5.47	Y160L-8	7.5
			2	843	18856	5.84		
			3	814	21011	6.13		
			4	775	23166	6.4		
			5	726	25321	6.62		
			6	657	27476	6.69		
			7	588	29631	6.74		
11.2	D	1450	1	4276	46606	75.69	Y280M-4	90
			2	4188	52619	80.95		
			3	4050	58633	85.13		
			4	3854	64647	88.74		
			5	3599	70660	91.67		
			6	3266	76674	92.72		
			7	2903	82688	92.79		
11.2	D	960	1	1873	30856	21.96	Y255M-6	30
			2	1834	34838	23.47		
			3	1775	38819	24.7		
			4	1687	42801	25.71		
			5	1579	46782	26.63		
			6	1432	50764	26.92		
			7	1275	54745	26.98		
11.2	D	730	1	1079	23464	9.61	Y180L-8	11
			2	1059	26491	10.3		
			3	1030	29519	10.9		
			4	981	32546	11.37		
			5	912	35574	11.7		
			6	824	38601	11.77		
			7	736	41629	11.84		
12.5	D	1450	1	5325	64791	131	Y315M2-4	160
			2	5217	73151	140		
			3	5041	81512	148		
			4	4805	89872	154		
			5	4482	98232	158		
			6	4070	106592	161		
			7	3619	114952	161		

Shuangcheng Blower

Model G4-68

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
12.5	D	960	1	2334	42896	38.02	Y280S-6	45
			2	2285	48431	40.66		
			3	2207	53966	42.69		
			4	2109	59501	44.67		
			5	1961	65036	45.98		
			6	1785	70571	46.65		
			7	1589	76106	46.74		
12.5	D	730	1	1353	32619	16.77	Y225M-8	22
			2	1324	36828	17.91		
			3	1275	41027	18.75		
			4	1216	45246	19.6		
			5	1138	49455	20.28		
			6	1030	53664	20.47		
			7	912	57872	20.41		
14	D	1450	1	6679	91027	231	Y355M2-4	250
			2	6541	102772	246	Y355M3-4	315
			3	6326	114518	259		
			4	6022	126263	271		
			5	5619	138009	279		
			6	5100	149754	283		
			7	4531	161499	283		
14	D	960	1	2923	60266	66.89	Y315S-6	75
			2	2864	68042	71.58		
			3	2775	75819	75.43		
			4	2638	83595	78.54	Y315M1-6	90
			5	2462	91371	81.08		
			6	2236	99148	82.1		
			7	1991	106924	82.28		
14	D	730	1	1697	45827	29.52	Y280S-8	37
			2	1657	51741	31.51		
			3	1599	57654	33.03		
			4	1530	63567	34.63		
			5	1422	69480	35.61		
			6	1295	75393	36.14		
			7	1147	81307	36.06		
16	D	960	1	3825	89960	130	Y355M1-6	160
			2	3746	101568	140		
			3	3619	113175	147		
			4	3452	124783	154		
			5	3217	136391	158		
			6	2923	147999	160		
			7	2599	159606	161		
16	D	730	1	2207	68407	57.32	Y355M1-8	75
			2	2167	77234	61.5		
			3	2089	86060	64.45		
			4	1991	94887	67.28		
			5	1863	103714	69.66		
			6	1687	112541	70.29		
			7	1501	121367	70.4		
16	D	580	1	1393	54351	28.75	Y315S-10	45
			2	1363	61364	30.73		
			3	1324	68377	32.46		
			4	1265	75390	33.7		
			5	1177	82403	34.96		
			6	1069	89416	35.39		
			7	951	96429	35.46		

Model G4-68

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
18	D	960	1	4841	128088	234		315
			2	4741	144615	252		
			3	4580	161142	265		
			4	4369	177669	278		
			5	4072	194197	285		
			6	3700	210725	288		
			7	3289	227251	290		
18	D	730	1	2793	97400	103.29	Y2-355M ₁ -8	132
			2	2742	109968	110.82		
			3	2644	122535	116.14		
			4	2520	135103	121.24		
			5	2358	147671	125.53		
			6	2135	160239	126.66		
			7	1900	172806	126.86		
18	D	580	1	1763	77386	51.81	Y2-315L ₁ -10	75
			2	1725	87372	55.38		
			3	1676	97357	58.49		
			4	1601	107342	60.73		
			5	1490	117328	63		
			6	1353	127313	63.77		
			7	1204	137298	63.9		

Shuangcheng Blower

Model Y4-68 Centrifugal Blower Datasheet

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
8	D	1450	1	1540	15889	10.78	Y160L-4	15
			2	1510	18080	11.56		
			3	1461	20272	12.23		
			4	1393	22464	12.8		
			5	1304	24655	13.27		
			6	1187	26847	13.57		
			7	1059	29038	13.78		
9	D	1450	1	1952	22623	19.45	Y180L-4	22
			2	1912	25743	20.84		
			3	1844	28864	21.98		
			4	1756	31984	22.98	Y200L-4	30
			5	1648	35105	23.86		
			6	1510	38225	24.58		
			7	1344	41345	24.89		
9	D	960	1	853	14978	5.62	Y160M-6	7.5
			2	843	17044	6.09		
			3	804	19110	6.35		
			4	775	21176	6.71		
			5	726	23242	6.96		
			6	657	25308	7.08		
			7	588	27374	7.22		
10	D	1450	1	2413	31033	32.99	Y225M-4	45
			2	2364	35313	35.34		
			3	2275	39594	37.2		
			4	2167	43874	38.92		
			5	2030	48155	40.33		
			6	1863	52435	41.61		
			7	1657	56715	42.12		
10	D	960	1	1059	20546	9.59	Y180L-6	15
			2	1040	23380	10.29		
			3	1000	26214	10.83		
			4	951	29048	11.31		
			5	892	31882	11.74		
			6	814	34716	12.03		
			7	726	37549	12.21		

Shuangcheng Blower

Model Y4-68

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
10	D	730	1	608	15623	4.19	Y160M2-8	5.5
			2	598	17778	4.5		
			3	579	19933	4.76		
			4	549	22088	4.96		
			5	520	24243	5.2		
			6	471	26398	5.29		
			7	422	28553	5.4		
11.2	D	1450	1	3021	43599	58.02	Y280S-4	75
			2	2962	49613	62.22		
			3	2854	55626	65.56		
			4	2717	61640	68.54		
			5	2550	67654	71.16		
			6	2334	73667	73.22		
			7	2079	79681	74.24		
11.2	D	960	1	1324	28866	16.84	Y200L2-6	22
			2	1304	62847	18.14		
			3	1255	36828	19.09		
			4	1197	40810	19.98		
			5	1118	44791	20.66		
			6	1020	48773	21.18		
			7	912	52754	21.56		
11.2	D	730	1	765	21950	7.4	Y180L-8	11
			2	755	24977	7.99		
			3	726	28005	8.39		
			4	686	31033	8.72		
			5	647	34060	9.09		
			6	588	37088	9.29		
			7	530	40115	9.52		
12.5	D	1450	1	3766	60611	101	Y315S-4	110
			2	3697	68971	108		
			3	3560	77331	114	Y315M1-4	132
			4	3393	85692	119		
			5	3178	94052	123		
			6	2903	102412	127		
			7	2589	110772	129		

Shuangcheng Blower

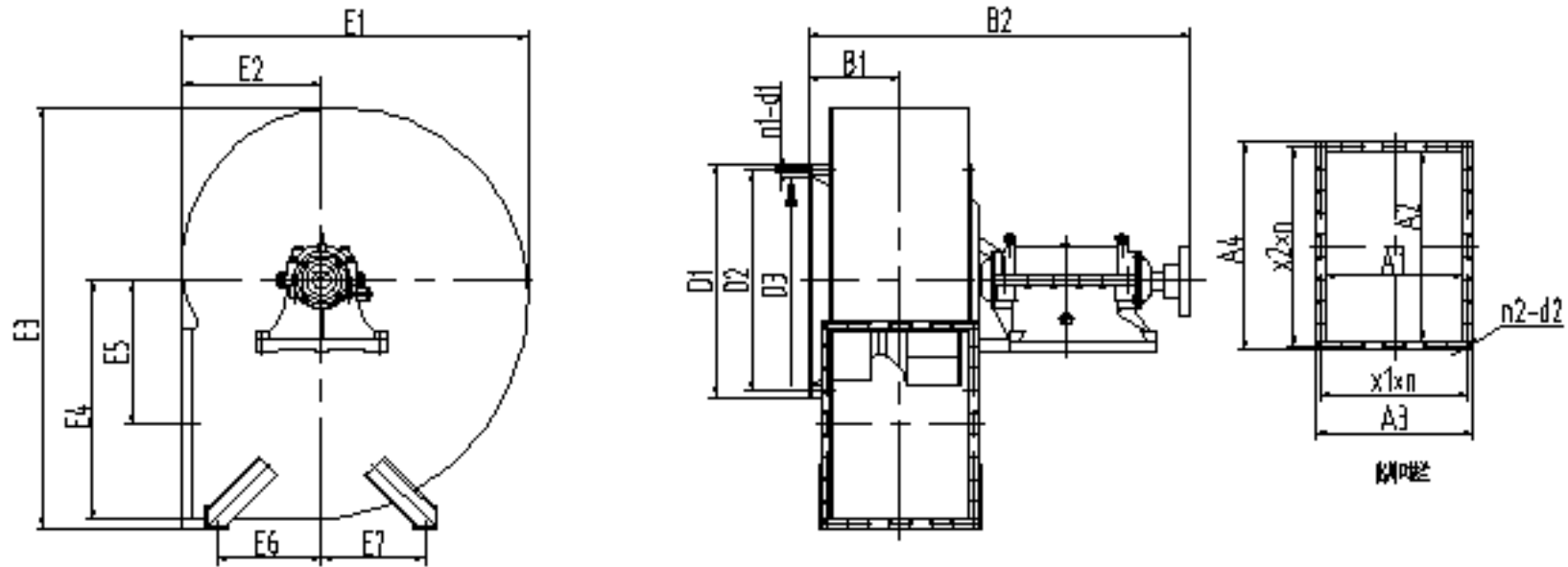
Model Y4-68

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
12.5	D	960	1	1648	40139	29.13	Y250M-6	37
			2	1618	45664	31.29		
			3	1559	51199	32.97		
			4	1491	56734	34.61		
			5	1393	62269	35.77		
			6	1275	67804	36.81		
			7	1138	73339	37.39		
12.5	D	730	1	951	30515	12.79	Y225S-8	18.5
			2	942	34723	13.84		
			3	902	38932	14.51		
			4	863	43141	15.24		
			5	804	47350	15.71		
			6	736	51559	16.15		
			7	657	55768	16.42		
14	D	1450	1	4727	85154	177	Y355M2-4	250
			2	4639	96900	190		
			3	4462	108645	200		
			4	4256	120391	210		
			5	3982	132136	217		
			6	3648	143881	224		
			7	3246	155627	226		
14	D	960	1	2069	56378	51.4	Y315S-6	75
			2	2030	64154	55.1		
			3	1952	71931	58		
			4	1863	79707	60.8		
			5	1746	87483	63		
			6	1599	95259	64.8		
			7	1422	103036	65.7		
14	D	730	1	1197	42871	22.6	Y250M-8	30
			2	1177	48784	24.31		
			3	1128	54697	25.47		
			4	1079	60610	26.76		
			5	1010	66524	27.72		
			6	922	72427	28.44		
			7	824	78350	28.92		

Shuangcheng Blower

Model Y4-68

No.	Type	speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor	
							Type	Power kW
16	D	960	1	2707	84156	100	Y315M2-6	110
			2	2658	95764	108		
			3	2560	107372	113		
			4	2432	118979	118	Y315M3-6	132
			5	2285	130587	123		
			6	2089	142195	126		
			7	1854	153803	128		
16	D	730	1	1559	63994	43.97	Y315S-8	55
			2	1530	72820	47.17		
			3	1481	81647	9.93		
			4	1412	90474	52.29		
			5	1314	99301	53.83		
			6	1206	108127	55.54		
			7	1079	116954	56.54		
16	D	580	1	991	50844	22.19	Y315S-10	45
			2	971	57857	23.78		
			3	932	64870	24.96		
			4	892	71883	26.27		
			5	834	78896	27.13		
			6	765	85909	27.99		
			7	677	92922	28.18		
18	D	960	1	3426	119824	180	Y2-355L-6	250
			2	3364	136351	193		
			3	3240	152879	204		
			4	3078	169406	213		
			5	2892	185933	222		
			6	2644	202461	227		
			7	2346	218989	231		
18	D	730	1	1973	91116	79.24	Y2-315L ₂ -8	110
			2	1936	103683	85		
			3	1874	116251	89.98		
			4	1787	128819	94.23		
			5	1663	141388	97		
			6	1526	153954	100.08		
			7	1366	166522	101.89		
18	D	580	1	1254	72393	39.99	Y2-315M-10	55
			2	1229	82378	42.85		
			3	1180	92364	44.98		
			4	1129	102349	47.34		
			5	1056	112334	48.89		
			6	968	122320	50.44		
			7	857	132305	50.78		



Shape and Installation Size Chart of Model G、Y4-68 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size										
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	E6	E7	B1	B2	Bearing No	
				d1	n1					d2	n2	x1×n	x2×n											
8	910	860	800	15	16	448	592	557	698	12	22	103×5	109×6	1322	556	1744	1000	605	400	400	345	1168	22316	
9	1020	970	900	15	16	504	665	613	771	15	24	114×5	104×7	1483	623	1940	1120	681	450	500	385	1442	22316	
10	1120	1070	1000	15	16	560	728	669	834	15	22	125×5	133×6	1638	690	2117	1220	756	500	550	424	1619	22316	
11.2	1248	1190	1128	15	24	641	823	741	923	15	28	115×6	110×8	1844	774	2220	1308	846.5	680	680	486.5	1967	22320	
12.5	1380	1320	1250	15	20	700	921	810	1030	15	30	109×7	123×8	2053	861	2628	1515	945	660	660	534	2053	22320	
14	1526	1470	1406	16	24	800	1040	926	1166	15	28	144×6	138×8	2295	962	2871	1685	1058	740	800	600	2528	22324	
16	1750	1680	1600	15	24	896	1176	1034	1311	15	32	139×7	139×9	2606	1091	3256	1910	1210	850	900	738	2710	22326	
18																								

G4-73-11 Centrifugal Boiler Blower

Y4-73-11 Centrifugal Boiler Blower

Model G4-73 and Y4-73 boiler blower and blower apply to the system of blower and blower for vapor boiler below 230T/H in the Power plant. While having no special requirement, G4-73 may also be used for mine ventilation and ordinary ventilation.

The medium conveyed by the blower is air, no more than 80°C of the highest temperature. The medium conveyed by the blower is smoke, no more than 250°C of the highest temperature.

A dust catching device must be installed in front of the blower, to reduce as much as possible the dust in the smoke entered the blower. The dust catching efficiency is no less than 85%.

Performance indicated in the performance chart, the performance of blower is calculated according to the air medium that: blower $t=20^{\circ}\text{C}$, atmospheric pressure $P_a=101325\text{Pa}$, air density $\rho=1.2\text{Kg/m}^3$. The performance of blower is calculated according to the air medium that: air temperature $t=140^{\circ}\text{C}$, atmospheric pressure $P_a=101325\text{Pa}$, air density $\rho=0.85\text{kg/m}^3$.

Shuangcheng Blower

G4-73-11 Centrifugal blower

No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
8	D	1450	1	16156	2104	11.8	Y180M-4	18.5	1753×1334 ×1738	834
			2	18244	2095	12.67				
			3	20442	2072	13.63				
			4	22530	2018	14.42				
			5	24618	1924	15.06				
			6	26706	1794	15.45				
			7	28904	1611	15.43				
			8	30993	1400	15.11				
9	D	1450	1	23003	2668	21.27	Y200L-4	30	1843×1498 ×1921	930
			2	25976	2656	22.83				
			3	29106	2628	24.55				
			4	32079	2559	25.98				
			5	35053	2440	27.13	Y225S-4	37		
			6	38206	2275	27.84				
			7	41155	2042	27.99				
			8	44128	1775	27.23				
9	D	960	1	15229	1163	6.17	Y160L-6	11	1843×1498 ×1921	930
			2	17198	1158	6.62				
			3	19270	1146	7.13				
			4	21238	1116	7.54				
			5	23207	1064	7.87				
			6	25175	993	8.08				
			7	27247	891	8.12				
			8	29216	775	7.90				
10	D	1450	1	31554	3301	36.02	Y250M-4	55	1945×1662 ×2116	1079
			2	35633	3287	38.06				
			3	39926	3251	41.58				
			4	44004	3166	44.00				
			5	48083	3018	45.95				
			6	52161	2813	47.15				
			7	56455	2525	47.39				
			8	60533	2194	46.12				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
10	D	960	1	20891	1437	10.45	Y180L-6	15	1945×1662 ×2116	1079
			2	23591	1431	11.22				
			3	26434	1416	12.07				
			4	29134	1379	12.76				
			5	31834	1315	13.34	Y200L ₁ -6	18.5		
			6	34534	1226	13.68				
			7	37377	1101	13.75				
			8	40077	958	13.38				
10	D	730	1	15886	829	4.06	Y160L-8	7.5	1945×1662 ×2116	10799
			2	17939	826	4.93				
			3	20100	817	5.31				
			4	22154	796	5.61				
			5	24207	759	5.86				
			6	26260	708	6.02				
			7	28422	636	6.05				
			8	30475	553	5.88				
11	D	1450	1	41999	4003	58.01	Y280S-4	75	2272×1826 ×2313	1621
			2	47427	3986	62.26				
			3	53142	3943	66.97	Y280M-4	90		
			4	58570	3840	70.88				
			5	63998	3660	74.00				
			6	69427	3411	75.93				
			7	75141	3060	76.33				
			8	80570	2659	74.27				
11	D	960	1	27806	1741	16.83	Y200L ₂ -6	22	2272×1826 ×2313	1621
			2	31400	1734	18.07				
			3	35183	1715	19.43	Y225M-6	30		
			4	38777	1671	20.57				
			5	42371	1593	21.48				
			6	45965	1485	22.04				
			7	49748	1334	22.15				
			8	53343	1160	21.55				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
11	D	730	1	21144	1004	7.40	Y180L-8	11	2272×1826 ×2313	1621
			2	23877	1000	7.94				
			3	26754	989	8.55				
			4	29487	964	9.04				
			5	32220	919	9.44				
			6	34953	857	9.69				
			7	37829	770	9.74				
			8	40562	669	9.48				
12	D	1450	1	54526	4777	89.63	Y315M ₁ -4	132	2382×1990 ×2510	1779
			2	61574	4756	96.19				
			3	68992	4705	103.46				
			4	76040	4582	109.49				
			5	83088	4366	114.33	Y315M ₂ -4	160		
			6	90135	4069	117.31				
			7	97544	3650	117.92				
			8	104600	3171	114.75				
12	D	960	1	36100	2075	26.01	Y250M-6	37	2382×1990 ×2510	1779
			2	40766	2066	27.91				
			3	45677	2044	30.03				
			4	50344	1990	31.77	Y280S-6	45		
			5	55010	1898	33.18				
			6	59676	1769	34.05				
			7	64587	1588	34.22				
			8	69253	1381	33.30				
12	D	730	1	27451	1196	11.44	Y200L-8	15	2382×1990 ×2510	1779
			2	30999	1191	12.27				
			3	34734	1178	13.20	Y225S-8	18.5		
			4	38282	1178	13.97				
			5	41830	1094	14.59				
			6	45378	1020	14.97				
			7	49113	916	15.05				
			8	52661	797	14.64				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
14	D	1450	1	86586	6541	193.71	Y355M ₂ -4	250	3040×2441 ×2916	2711
			2	97777	6513	207.90				
			3	109550	6442	223.63	Y355L ₁ -4	280		
			4	120740	6272	236.66				
			5	131940	5975	247.13	Y355L ₂ -4	315		
			6	143130	5566	253.56				
			7	154910	4990	254.89				
			8	166100	4333	248.02				
14	D	960	1	57326	2831	56.22	Y315S-6	75	3040×2441 ×2916	2711
			2	64735	2819	60.33				
			3	72534	2789	64.90	Y315M ₁ -6	90		
			4	79944	2716	68.68				
			5	87353	2589	71.72				
			6	94763	2414	73.59				
			7	102560	2166	73.97				
			8	109970	1883	71.98				
14	D	730	1	43591	1630	24.72	Y280S-8	37	3040×2441 ×2916	2711
			2	49225	1623	26.53				
			3	55156	1606	28.54				
			4	60791	1564	30.20				
			5	66425	1491	31.54	Y280M-8	45		
			6	72059	1391	32.36				
			7	77990	1249	32.53				
			8	83624	1086	31.65				
15	D	960	1	70498	3250	80.19	Y315M ₂ -6	110	3133×2561 ×3108	2960
			2	79610	3236	86.04				
			3	89201	3202	92.62				
			4	98314	3118	97.91	Y315M ₂ -6	132		
			5	107425	2972	102.21				
			6	116538	2771	104.83				
			7	126126	2486	105.23				
			8	135239	2162	102.33				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
15	D	730	1	53617	1871	35.11	Y280M-8	45	3133×2561 × 3108	2960
			2	60547	1863	37.68				
			3	67842	1844	40.56	Y315M-8	55		
			4	74773	1795	42.87				
			5	81703	1712	44.78				
			6	88633	1597	45.95				
			7	95928	1434	46.17				
			8	102858	1247	44.09				
16	D	960	1	85571	3709	109.60	Y315L ₂ -6	132	3233×2759 × 3300	3432
			2	96631	3693	117.60	Y355M ₁ -6	160		
			3	108270	3653	126.53				
			4	119330	3558	133.91				
			5	130390	3391	139.83	Y355M ₂ -6	185		
			6	141450	3161	143.46				
			7	153090	2836	144.21				
			8	164150	2465	140.33				
16	D	730	1	65069	2133	48.19	Y315M ₁ -8	75	3233×2759 × 3300	3432
			2	73480	2124	51.72				
			3	82333	2101	55.64				
			4	90743	2047	58.88				
			5	99153	1951	61.48				
			6	107560	1819	63.08				
			7	116410	1633	63.41				
			8	124820	1420	61.70				
16	D	580	1	51699	1343	24.17	Y315S-10	45	3233×2759 × 3300	3432
			2	58381	1337	25.94				
			3	65415	1323	27.91				
			4	72097	1289	29.53				
			5	78779	1228	30.84				
			6	85462	1146	31.64				
			7	92495	1029	31.80				
			8	99178	895	30.95				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
18	D	960	1	121830	4710	197.51	Y355L2-6	250	3672×3111 ×3736	5367
			2	137580	4690	211.97				
			3	154160	4639	228.02	JS138-6	280		
			4	169910	4518	241.30				
			5	185650	4305	251.97	JSQ148-6	310		
			6	201400	4012	258.53				
			7	217980	3599	259.88				
			8	233730	3126	252.88				
18	D	730	1	92648	2705	86.85	Y355M ₁ -8	132	3672×3111 ×3736	5367
			2	104620	2693	93.21				
			3	117220	2664	100.26				
			4	129200	2595	106.1				
			5	141170	2474	110.79				
			6	153150	2306	113.67				
			7	165750	2070	114.27				
			8	177730	1800	111.19				
18	D	580	1	73610	1702	43.56	Y315M-10	55	3672×3111 ×3736	5367
			2	83125	1694	46.75				
			3	93140	1676	50.29	Y315L ₁ -6	75		
			4	102650	1633	53.22				
			5	112160	1557	55.57				
			6	121680	1452	57.01				
			7	131690	1303	57.31				
			8	141210	1133	55.77				
20	D	730	1	127080	3347	147.07	Y355L ₂ -8	200	3870×3380 ×4120	6022
			2	143510	3333	157.84				
			3	160800	3297	169.79				
			4	177230	3211	179.68				
			5	193660	3060	187.63	*JSQ148-8	240		
			6	210080	2853	192.51				
			7	227370	2560	193.52				
			8	243800	2225	188.30				

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NO.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
20	D	580	1	100970	2104	73.77	Y355M ₂ -10	110	3870×3380 ×4120	6022
			2	114020	2095	79.17				
			3	127760	2072	85.16				
			4	140810	2018	90.12				
			5	153860	1924	94.11	Y355L ₁ -10	132		
			6	166910	1794	96.55				
			7	180650	1611	97.06				
			8	193700	1400	94.44				
22	D	580	1	141000	2501	121	JS137-10	155	4413×3692 ×4471	7766
			2	158000	2501	128				
			3	175000	2471	136				
			4	193000	2422	145	JS138-10	180		
			5	210000	2334	151				
			6	228000	2177	158				
			7	245000	1981	160				
			8	263000	1775	160				
22	D	480	1	116000	1716	68.5	△JSQ147-12	140	4413×3692 ×4471	7766
			2	131000	1716	73				
			3	145000	1706	77.9				
			4	159000	1657	81.8				
			5	174000	1598	85.8				
			6	188000	1491	88.9				
			7	202000	1363	90.8				
			8	217000	1216	90.5				
25	D	480	1	171000	2216	136	△JSQ158-12	165	4771×4221 ×5109	10175
			2	192000	2216	138	△ JSQ1410-12	210		
			3	213000	2197	147				
			4	234000	2148	156				
			5	258000	2069	163				
			6	276000	1932	169				
			7	298000	1755	173				
			8	318000	1579	172				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
8	D	1450	1	16156	1303	7.33	Y160M-4	11	1753×1344 ×1738	918
			2	18244	1298	7.87				
			3	20442	1284	8.46	Y160L-4	15		
			4	22530	1250	8.96				
			5	24618	1192	9.35				
			6	26706	1112	9.60				
			7	28904	998	9.65				
			8	30993	868	9.39				
9	D	1450	1	23003	1651	13.21	Y180L-4	22	1843×1498 ×1921	1036
			2	25976	1644	14.18				
			3	29106	1627	15.25				
			4	32079	1584	16.14				
			5	35053	1511	16.85	Y200L-4	30		
			6	38206	1409	17.29				
			7	41155	1265	17.38				
			8	44128	1100	16.91				
9	D	960	1	15229	721	3.83	Y160M-6	7.5	1843×1498 ×1921	1036
			2	17198	718	4.11				
			3	19270	711	4.43				
			4	21238	692	4.68				
			5	23207	660	4.89				
			6	25175	616	5.02				
			7	27247	553	5.04				
			8	29219	481	4.91				
10	D	1450	1	31554	2041	22.37	Y225S-4	37	1945×1662 ×2116	1211
			2	35633	2033	24.01				
			3	39926	2011	25.83				
			4	44004	1959	27.34				
			5	48083	1867	28.54	Y225M-4	45		
			6	52161	1741	29.29				
			7	56455	1563	19.44				
			8	60533	1359	28.65				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
10	D	960	1	20591	891	6.49	Y160L-6	11	1945×1662 ×2116	1211
			2	23591	887	6.97				
			3	26434	878	7.50				
			4	29134	855	7.93				
			5	31834	815	8.28				
			6	34534	761	8.50				
			7	37377	683	8.54				
			8	40077	594	8.31				
10	D	730	1	15886	515	2.85	Y160M ₂ -8	5.5	1945×1662 ×2116	1211
			2	17939	512	3.06				
			3	20100	507	3.30				
			4	22154	494	3.49				
			5	24207	417	3.64				
			6	26260	439	3.74				
			7	28422	395	3.76				
			8	30475	343	3.66				
11	D	1450	1	41999	2474	36.03	Y250M-4	55	2272×1862 ×2313	1782
			2	47427	2463	38.67				
			3	53142	2437	41.60				
			4	58570	2373	44.02	Y280S-4	75		
			5	63998	2263	45.97				
			6	69427	2109	47.16				
			7	75141	1893	47.41				
			8	80570	1646	46.13				
11	D	960	1	27806	179	10.46	Y200L ₁ -6	18.5	2272×1826 ×2313	1782
			2	31400	1075	11.22				
			3	35183	1063	12.07				
			4	38777	1035	12.78				
			5	42371	987	13.43				
			6	45965	921	13.69				
			7	49748	827	13.76				
			8	53343	719	13.39				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
11	D	730	1	21144	623	4.06	Y160L-8	7.5	2272×1826 ×2313	1782
			2	23877	620	4.93				
			3	26754	614	5.31				
			4	29487	598	5.61				
			5	32220	570	5.87	Y180L-8	11		
			6	34953	532	6.02				
			7	37829	478	6.05				
			8	40562	415	5.89				
12	D	1450	1	54526	2949	55.67	Y280M-4	90	3283×1990 ×2510	2046
			2	61574	2936	59.75				
			3	68992	2905	64.27				
			4	76040	2829	68.01	Y315S-4	110		
			5	83088	2697	71.02				
			6	90135	2514	72.87				
			7	97544	2256	73.25				
			8	104600	1961	71.28				
12	D	960	1	36100	1285	16.16	Y225M-6	30	3283×1990 ×2510	2046
			2	40766	1280	17.34				
			3	45677	1266	18.65				
			4	50344	1233	19.74				
			5	55010	1176	20.61				
			6	59676	1096	21.15				
			7	64587	985	21.26				
			8	69253	856	20.69				
12	D	730	1	27451	742	7.10	Y180L-8	11	3283×1990 ×2510	2046
			2	30999	739	7.62				
			3	34734	731	8.20				
			4	38282	712	8.68	Y200L-8	15		
			5	41830	679	9.06				
			6	45378	633	9.30				
			7	49113	569	9.35				
			8	52661	495	9.10				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
14	D	1450	1	86586	4029	120.33	Y315L1-4	160	3040×2441 ×2916	3007
			2	97777	4011	129.14	Y355L2-4	200		
			3	109550	3968	138.91				
			4	120740	3864	147.00				
			5	131940	3683	153.51	Y355L2-4	250		
			6	143130	3433	157.5				
			7	154910	3080	158.33				
			8	166100	2676	154.06				
14	D	960	1	57326	1752	34.92	Y280M-6	55	3040×2441 ×2916	3007
			2	64735	1745	37.48				
			3	72534	1726	40.32				
			4	79944	1681	42.66	Y315S-6	75		
			5	87353	1603	44.55				
			6	94763	1495	45.71				
			7	102560	1342	45.95				
			8	109970	1167	44.71				
14	D	730	1	43591	1010	15.35	Y225M-8	22	3040×2441 ×2916	3007
			2	49225	1006	16.48				
			3	55156	995	17.73	Y250M-8	30		
			4	60791	970	18.76				
			5	66425	925	19.59				
			6	72059	862	20.10				
			7	77990	774	20.20				
			8	83624	674	19.66				
15	D	1450	1	106501	4625	172.39	Y3552-4	250	3133×2561 ×3108	3295
			2	120266	4605	184.98				
			3	134747	4555	323.11	Y3553-4	280		
			4	148510	4436	210.43				
			5	162286	4228	219.67	Y3554-4	315		
			6	176050	3941	225.24				
			7	190539	3536	226.12				
			8	204303	3072	219.66				

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No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
15	D	960	1	70498	2011	49.62	Y315S-6	75	3133×2561 ×3108	3295
			2	79610	2003	53.26				
			3	89201	1981	57.30				
			4	98314	1930	60.61				
			5	107425	1840	63.28	Y315M1-6	90		
			6	116538	1716	64.92				
			7	126126	1541	65.23				
			8	135239	1340	63.42				
15	D	730	1	53617	1159	21.75	Y250M-8	30	3133×2561 ×3108	3295
			2	60547	1155	23.36	Y280S-8	37		
			3	67842	1142	25.12				
			4	74773	1114	26.61				
			5	81703	1062	27.78	Y280M-8	45		
			6	88633	990	28.49				
			7	95928	889	28.62				
			8	102858	774	27.86				
16	D	960	1	85571	2293	68.08	Y315M-6	90	3233×2759 ×3300	3432
			2	96631	2283	73.07	Y315L ₁ -6	110		
			3	108270	2258	78.60				
			4	119330	2200	83.18				
			5	130390	2097	86.86	Y315L ₂ -6	132		
			6	141450	1955	89.12				
			7	153090	1755	89.59				
			8	164150	1526	87.17				
16	D	730	1	65069	1321	29.94	Y280M-8	45	3233×2759 ×3300	3432
			2	73480	1316	32.13				
			3	82333	1302	34.56	Y315S-8	55		
			4	90743	1268	36.58				
			5	99153	1209	38.19				
			6	107560	1127	39.18				
			7	116410	1012	39.39				
			8	124820	880	38.33				

Shuangcheng Blower

Y4-73-11

No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
16	D	580	1	51699	833	15.01	Y315S-10	45	3233×2759 × 3300	3817
			2	58381	829	16.11				
			3	65415	820	17.33				
			4	72097	799	18.34				
			5	78779	762	19.16				
			6	85462	711	19.65				
			7	92495	638	19.76				
			8	99178	555	16.22				
18	D	960	1	121830	2908	122.69	Y355M1-6	160	3672×3111 × 3736	6022
			2	137580	2895	131.67	Y355M3-6	200		
			3	154160	2864	141.64				
			4	169910	2790	149.89				
			5	185650	2659	156.52				
			6	201400	2479	160.59	Y355L2	250		
			7	217980	2225	161.43				
			8	233730	1934	157.08				
18	D	730	1	92648	1674	53.9	Y315M-8	75	3672×3111 × 3736	6022
			2	104620	1667	57.90				
			3	117220	1649	62.28	Y315L1-8	90		
			4	129200	1606	65.90				
			5	141170	1532	68.82				
			6	153150	1428	70.61	Y315L2-8	110		
			7	165750	1282	70.98				
			8	177730	1115	69.07				
18	D	580	1	73610	1055	27.06	Y315S-10	45	3672×3111 × 3736	6022
			2	83125	1050	29.04				
			3	93140	1039	31.24				
			4	102650	1012	33.05				
			5	112160	965	34.52				
			6	121680	900	35.42	Y315M-10	55		
			7	131690	808	35.6				
			8	141210	703	36.64				

Y4-73-11

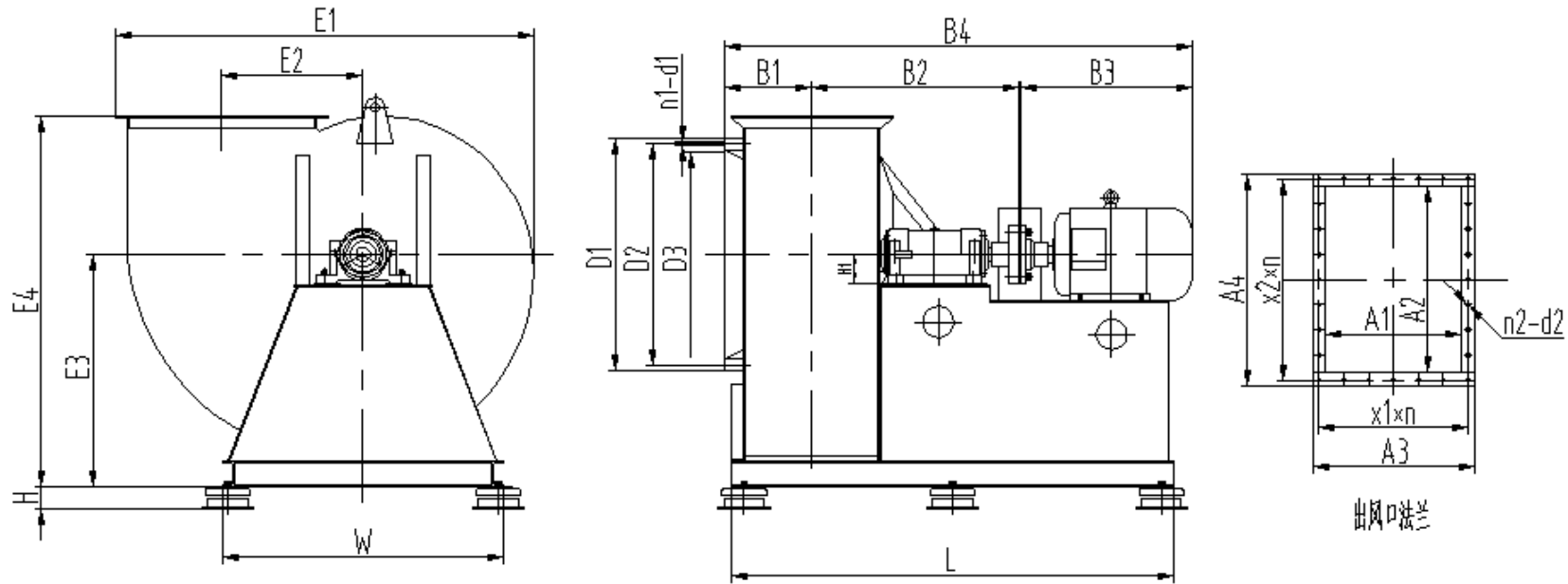
No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
20	D	960	1	167130	3598	207.77	*JSQ1410-6	380	3870×3380 ×4120	6828
			2	188730	3583	222.99				
			3	211470	3545	239.87				
			4	233070	3452	253.84				
			5	254670	3290	265.07				
			6	276270	3067	271.96				
			7	299010	2752	273.39				
			8	320610	2392	266.02				
20	D	730	1	127080	2070	91.36	Y315M ₁ -8	132	3870×3380 ×4120	6828
			2	143510	2061	98.05				
			3	160800	2039	105.47	Y355M2-8	160		
			4	177230	1986	111.61				
			5	193660	1893	116.55				
			6	210080	1765	119.58				
			7	227370	1585	120.20				
			8	243800	1378	116.96				
20	D	580	1	100970	1303	45.82	Y315L1-10	75	3870×3380 ×4120	6828
			2	114020	1298	49.18				
			3	127760	1284	52.90				
			4	140810	1250	55.98	Y355M1-10	90		
			5	153860	1192	58.46				
			6	166910	1112	59.98				
			7	180650	998	60.29				
			8	193700	868	58.67				
22	D	730	1	177000	2471	151	*JSQ148-8	240	4413×3692 ×4471	8969
			2	199000	2471	160				
			3	220000	2422	168				
			4	242000	2383	179				
			5	264000	2295	187				
			6	286000	2138	194	*JSQ1410-8	280		
			7	308000	1951	198				
			8	330000	1746	197				

Shuangcheng Blower

Y4-73-11

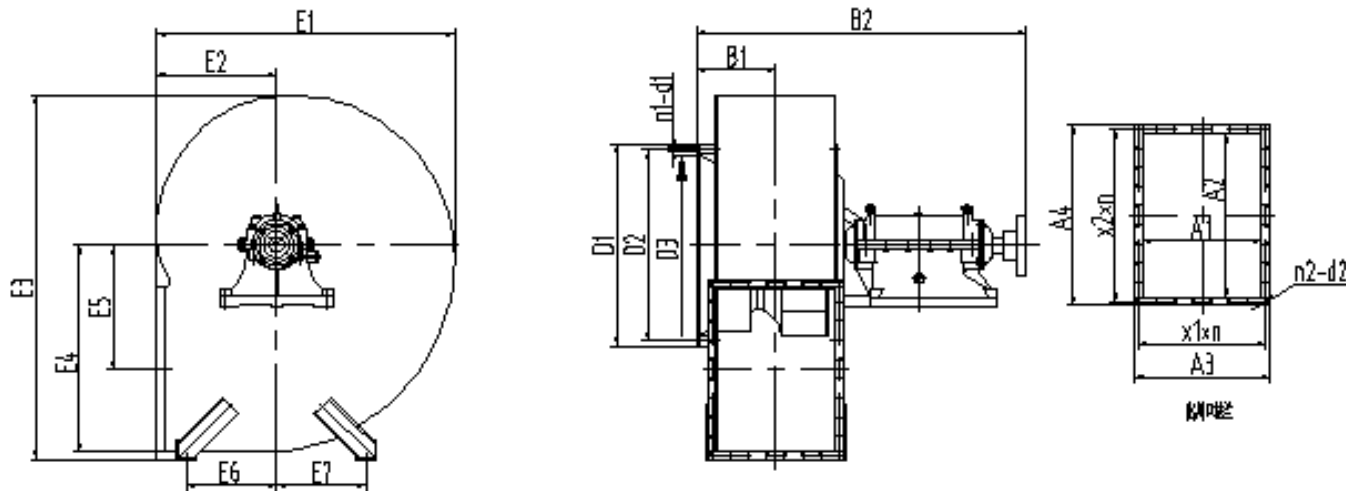
No.	Type	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
							Type	Power kW		
22	D	580	1	141000	1549	75.2	Y355M2-10	110	4413×3692 ×4471	8969
			2	158000	1549	79.5				
			3	175000	1540	84.8				
			4	193000	1500	89.9				
			5	210000	1442	93.4	Y355L1-10	132		
			6	228000	1353	97.9				
			7	245000	1226	99.1				
			8	263000	1098	99				
22	D	480	1	116000	1069	42.7	Y355m4-12	90	4413×3692 ×4471	8969
			2	131000	1069	45.5				
			3	145000	1059	48.4				
			4	159000	1030	50.8				
			5	174000	990	53.2				
			6	188000	932	55.6				
			7	202000	843	56.2				
			8	217000	755	56.2				
25	D	580	1	206000	2001	142	*JSQ1410-10	200	4776×4221 ×5109	11752
			2	232000	2001	151				
			3	257000	1981	160	*JSQ157-10	260		
			4	282000	1932	169				
			5	308000	1863	177				
			6	334000	1736	184				
			7	359000	1589	188				
			8	384000	1422	187				
25	D	480	1	171000	1383	81.4	△JSQ158-12	140	4776×4221 ×5109	11752
			2	192000	1383	86.2				
			3	213000	1363	91.4				
			4	234000	1334	96.8				
			5	258000	1285	101.5				
			6	276000	1196	104.8				
			7	298000	1089	107				
			8	318000	981	106.9				

Shuangcheng Blower



Shape and Installation Size Chart of Model G、Y4-73-11 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt hole		Bearing No.	H1
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
8	906	860	806	15	16	530	726	630	826	15	28	97×6	98×8	1632	552	905	1444	344	817	672	1836	1730	1100	87	18	6	6312	110
9	1006	960	906	15	16	595	816	695	916	15	28	108×6	109×8	1828	621	1023	1628	386.5	1260.5	715	2368	2250	1100	87	18	8	22316	280
10	1126	1070	1006	15	16	660	908	760	1008	15	24	142×5	137×7	2025	690	1121	1792	442.5	1290	822	2560.5	2380	1160	87	18	8	22316	280
11	1234	1170	1106	15	24	725	996	825	1096	15	32	111×7	117×9	2220	759	1235	1972	474	1524.5	710	2718	2660	1420	87	18	10	22320	375
12	1306	1270	1206	15	24	792	1088	892	1188	15	28	141×6	143×8	2420	828	1350	2153	512	1555	820	2896	2900	1420	87	18	10	22320	375
14	1545	1505	1400	15	24	926	1272	1052	1398	15	34	141×7	134×10	2830	966	1547	2488	536.5	2078	1534	4157	3840	2000	87	18	12	22326	500
15	1640	1580	1508	15	24	991	1362	1117	1488	15	34	150×7	142×10	3078	1035	1670	2834	568.5	2017.5	1530	4119	3850	2000	87	18	14	22326	500
16	1736	1660	1600	15	28	1040	1449	1182	1575	15	32	141×7	134×10	1635.5	1104	1745	2823	606	2143	1200	3949	3600	2155	87	18	16	22326	500



Shape and Installation Size Chart of Model G、Y4-73-11 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size										Bearing house
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	E6	E7	B1	B2	Bearing No.	
				d1	n1					d2	n2	x1×n	x2×n											
18	1922	1860	1800	19	28	1170	1620	1332	1779	19	32	180×7	190×9	3111	1267.5	3735.5	2180	1242	900	1000	685	3137	3632	
20	2122	2060	2000	19	28	1300	1800	1462	1959	19	32	198×7	210×9	3380	1340	4120	2400	1380	100	1300	766.5	3275.5	3632	
22	2300	2260	2200	19	36	1430	1980	1596	2139	19	36	190×8	207×7	3692	1456.5	4471	2508	1518	800	1300	853	3753	3638	
25	2600	2560	2500	19	36	1625	2250	1841	2459	19	42	195×9	198×12	4221	1666.5	5019	2854.5	1725	1000	1200	958	4025.5	3638	

Y5-47 Centrifugal Boiler Blower

Y5-47 series centrifugal boiler blower is designed for the industrial boiler of 1-20 T/H which is fit for various burning medium and equipped with smoke and dust catching device, which may be selected by those with certain absorption condition and applicable performance. No more than 250°C of the highest temperature. Add the dust catching device of no less than 85% dust catching efficiency in front of the blower, so as to reduce the smoke content entered the blower, and increase the blower's longevity.

The blower's performance is indicated with the specifications of wind volume, full pressure, rotating speed of the principal axis, axis Power, efficiency, etc. Among the performance shown in the performance chart, NO.4-6, the performance of blower is calculated according to the air medium that: air temperature $t=250^{\circ}\text{C}$, atmospheric pressure $P_0=101300\text{Pa}$, air density $\rho=0.672\text{kg/m}^3$, above NO.8, is calculated according to that: air temperature $t=200^{\circ}\text{C}$, atmospheric pressure $P_0=101325\text{Pa}$, smoke density $\rho=0.745\text{kg/m}^3$.

Two transmission methods are used for this series of blowers: direct joint transmission (D type) and jib-headed strap transmission (C type)

This model of blower is single inhalation, 9 types: NO.4、5、6、8、9、10、11、12、12.4, each may be made in the model of left revolving or right revolving.

For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

Y5-47-4C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
2900	1	2750	1431	1.91	Y100L-2	3		
	2	3080	1431	2.00	Y100L-2	3		
	3	3410	1411	2.10	Y100L-2	3		
	4	3740	1362	2.19	Y100L-2	3		
	5	4070	1294	2.26	Y100L-2	3		
	6	4400	1215	2.34	Y100L-2	3		
	7	4730	1137	2.43	Y100L-2	3		
	8	5060	980	2.38	Y100L-2	3		
3300	1	3130	1852	2.79	Y112M-2	4		
	2	3500	1852	2.94	Y112M-2	4		
	3	3880	1842	3.08	Y112M-2	4		
	4	4250	1774	3.22	Y112M-2	4		
	5	4630	1676	3.34	Y112M-2	4		
	6	5000	1588	3.44	Y112M-2	4		
	7	5380	1470	3.56	Y112M-2	4		
	8	5750	1264	3.52	Y112M-2	4		

Y5-47-5C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
2620	1	4840	1823	4.25	Y132S 1-2	5.5		
	2	5420	1823	4.47	Y132S 1-2	5.5		
	3	6000	1803	4.73	Y132S 1-2	5.5		
	4	6580	1744	4.88	Y132S 1-2	5.5		
	5	7160	1646	5.04	Y132S 1-2	5.5		
	6	7740	1558	5.22	Y132S 1-2	5.5		
	7	8320	1441	5.40	Y132S 1-2	5.5		
	8	8900	1225	5.36	Y132S 1-2	5.5		
2900	1	5360	2234	5.77	Y132S2-2	7.5		
	2	6010	2234	6.10	Y132S2-2	7.5		
	3	6650	2215	6.42	Y132S2-2	7.5		
	4	7300	2136	6.64	Y132S2-2	7.5		
	5	7940	2019	6.89	Y132S2-2	7.5		
	6	8580	1911	7.09	Y132S2-2	7.5		
	7	9230	1774	7.33	Y132S2-2	7.5		
	8	9870	1529	7.26	Y132S2-2	7.5		

Y5-47-6C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
2620	1	8370	2626	10.57	Y160M2-2	15		
	2	9380	2626	11.15	Y160M2-2	15		
	3	10380	2607	11.72	Y160M2-2	15		
	4	11390	2519	12.20	Y160M2-2	15		
	5	12390	2381	12.63	Y160M2-2	15		
	6	13400	2244	13.02	Y160M2-2	15		
	7	14400	2087	13.48	Y160M2-2	15		
	8	15410	1803	13.35	Y160M2-2	15		
2850	1	9110	3107	13.61	Y160L-2	18.5		
	2	10200	3107	14.34	Y160L-2	18.5		
	3	1130	3077	15.10	Y160L-2	18.5		
	4	12390	2979	15.65	Y160L-2	18.5		
	5	13480	2822	16.24	Y160L-2	18.5		
	6	14570	2656	16.71	Y160L-2	18.5		
	7	15670	2470	17.31	Y160L-2	18.5		
	8	16760	2117	17.10	Y160L-2	18.5		

Y5-47-8C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1860	1	12407	2550	11.65	Y180L-4	22	1497×1450× 1388	190
	2	13958	2540	12.46	Y180L-4	22		
	3	15508	2481	13.23	Y180L-4	22		
	4	17059	2452	14.27	Y180L-4	22		
	5	18751	2383	14.60	Y180L-4	22		
1860	6	20301	2275	15.31	Y180L-4	22		
	7	21852	2079	15.65	Y180L-4	22		
	8	23404	1853	15.98	Y180L-4	22		
2020	1	13474	3001	14.89	Y200L-4	30	1497×1450× 1388	240
	2	15158	2991	15.94	Y200L-4	30		
	3	16842	2932	16.85	Y200L-4	30		
	4	18527	2893	17.80	Y200L-4	30		
	5	20364	2805	18.66	Y200L-4	30		
	6	22048	2677	19.65	Y200L-4	30		
	7	23733	2452	20.38	Y200L-4	30		
	8	25417	2187	20.47	Y200L-4	30		

Y5-47-9C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1800	1	17095	3020	19.02	Y225S-4	37		284
	2	19232	3011	20.35	Y225S-4	37		
	3	21369	2942	21.45	Y225S-4	37		
	4	23506	2903	22.67	Y225S-4	37		
	5	25937	2824	23.84	Y225S-4	37		
	6	27974	2697	25.00	Y225S-4	37		
	7	30111	2461	25.54	Y225S-4	37		
	8	32247	2197	26.09	Y225S-4	37		
1900	1	18045	3364	22.35	Y225M-4	45		320
	2	20301	3354	23.93	Y225M-4	45		
	3	22556	3285	25.28	Y225M-4	45		
	4	24812	3236	26.67	Y225M-4	45		
	5	27272	3148	28.05	Y225M-4	45		
	6	29528	3001	29.36	Y225M-4	45		
	7	31748	2746	30.07	Y225M-4	45		
	8	34039	2452	30.74	Y225M-4	45		

Y5-47-10D centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1480	1	19281	2697	17.61	Y225S-4	37		284
	2	21691	2511	19.14	Y225S-4	37		
	3	24101	2461	20.24	Y225S-4	37		
	4	26511	2432	21.42	Y225S-4	37		
	5	26141	2363	22.50	Y225S-4	37		
	6	31551	2246	23.48	Y225S-4	37		
	7	33961	2056	24.10	Y225S-4	37		
	8	36371	1834	24.57	Y225S-4	37		

Y5-47-11D centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1480	1	25663	3050	28.83	Y250M-4	55	3005×1990× 1834	427
	2	28871	3040	30.85	Y250M-4	55		
	3	32079	2971	32.52	Y250M-4	55		
	4	35387	2942	34.49	Y250M-4	55		
	5	38787	2854	36.16	Y250M-4	55		
	6	41995	2726	37.94	Y250M-4	55		
	7	45202	2491	38.79	Y250M-4	55		
	8	48410	2216	39.52	Y250M-4	55		

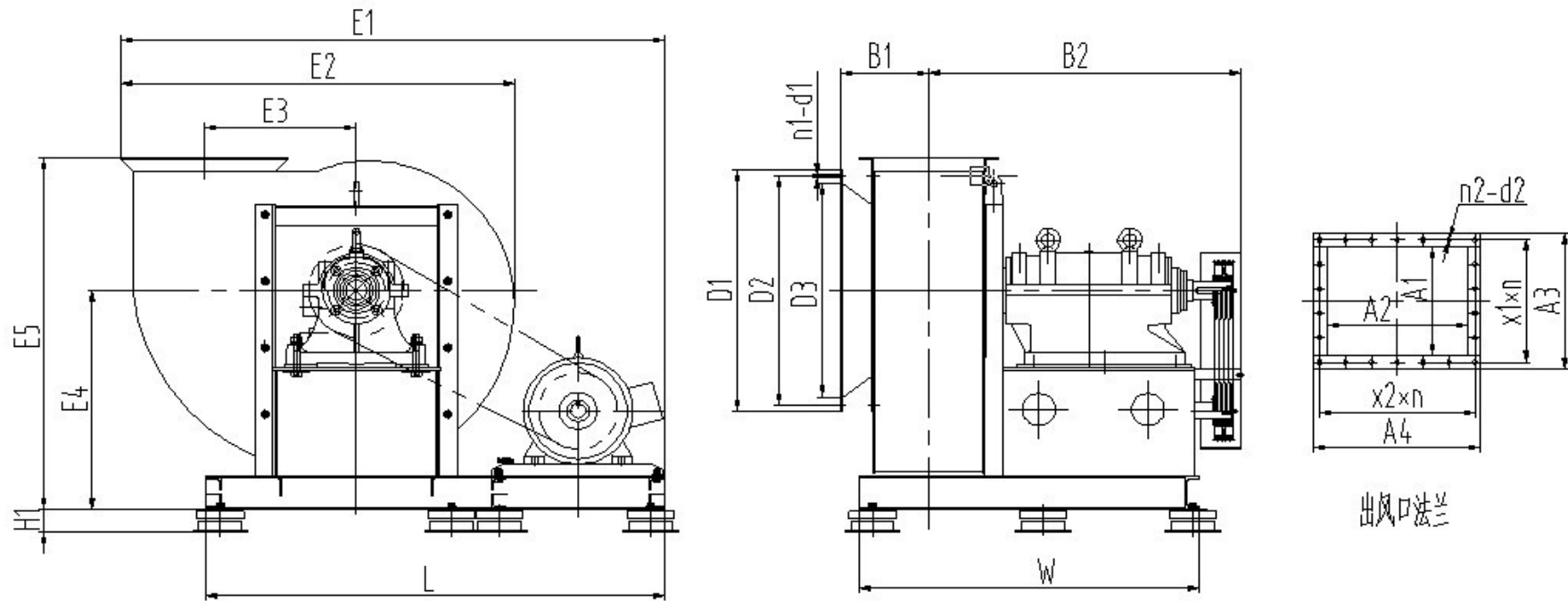
Shuangcheng Blower

Y5-47-12D centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1480	1	33318	3628	44.53	Y280S-4	75	3448×2227× 2064	562
	2	37483	3619	47.68	Y280S-4	75		
	3	41648	3540	50.30	Y280S-4	75		
	4	45812	3491	53.13	Y280S-4	75		
	5	50356	3393	55.82	Y280S-4	75		
	6	54520	3236	58.47	Y280M-4	90		
	7	58685	2962	59.88	Y280M-4	90		667
	8	62850	2638	61.06	Y280M-4	90		

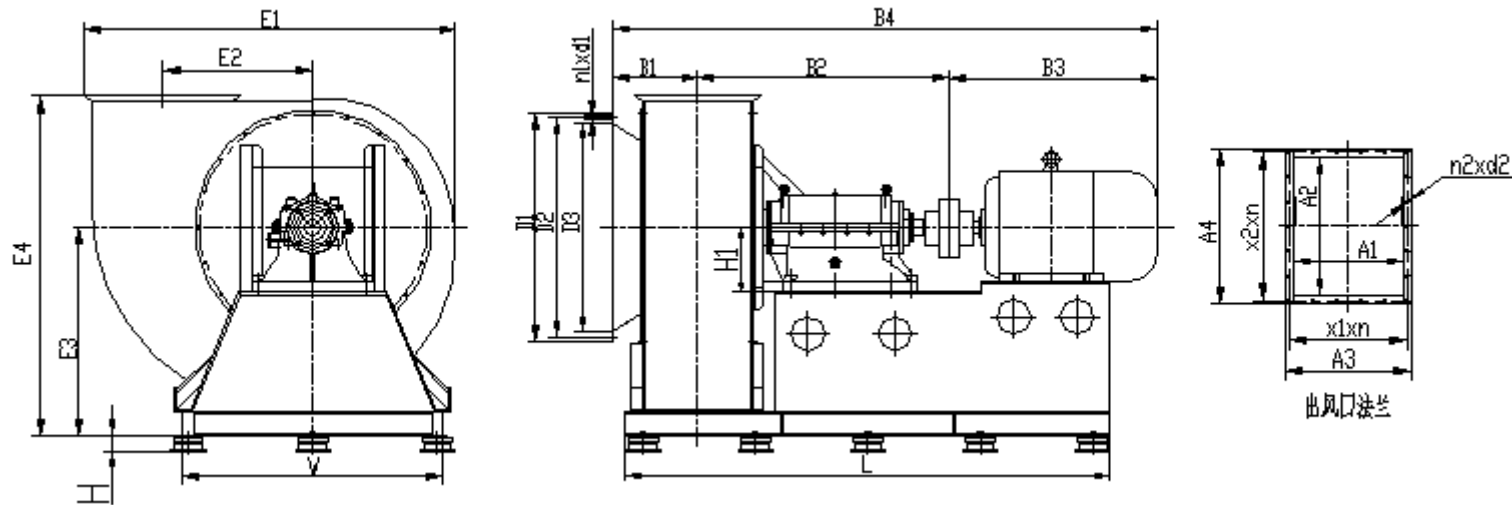
Y5-47-12.4D centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1480	1	36762	3874	52.45	Y315S-4	110	3521×2143× 2054	1000
	2	41357	3864	56.17	Y315S-4	110		
	3	45953	3776	59.19	Y315S-4	110		
	4	50548	3736	62.74	Y315S-4	110		
	5	55561	3619	65.69	Y315S-4	110		
	6	60156	3462	69.01	Y315S-4	110		
	7	64751	3168	70.67	Y315S-4	110		
	8	69347	2824	72.14	Y315S-4	110		



Shape and Installation Size Chart of Model Y5-47 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size							Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H1	Anchor bolt hole	
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity
4	462	440	400	12	12	200	253	266	321	10	12	80x3	97x3	1123	739	282	400	630	159	630	900	540	65	15	4
5	572	540	500	12	16	250	371	317	385	10	12	97x3	119x3	1440	913	352	485	789	199	651	1160	700	65	15	6
6	676	645	600	12	16	300	380	367	448	12	14	114x3	106x4	1724	1085	422	625	990	239	730	1440	770	65	15	6
8	906	860	800	15	16	410	514	510	614	15	22	92x5	95x6	1995	1444	558	820	1318	323	827	1680	1250	87	18	6
9	1010	960	900	15	16	450	570	559	682	15	22	103x5	105x6	2090	1628	633	788	1346	366	1094	1650	1240	87	18	8



Shape and Installation Size Chart of Model Y5-47 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size					Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	B1	B2	B3	B4	L	W	H	Anchor bolt		Bearing No.	H1
																									hole			
				d1	n1					d2	n2	x1×n	x2×n												Φ	quantity		
10	1110	1065	1000	15	16	500	633	608	749	15	22	113x5	117x6	1929	703	978	1592	409	1175	770	2360	2310	950	87	18	8	22316	280
11	1210	1170	1100	15	24	550	696	658	812	15	22	123x5	127.5x6	1971	775.7	1090	1764	444	1175	930	2552	2360	1150	87	18	10	22320	375
12	1310	1270	1200	15	24	600	760	708	876	15	22	131x6	138x6	2075	842	1170	1910	488	1464	1050	3012	2770	1260	87	18	12	22320	375
12.4	1310	1270	1200	15	24	620	785	728	901	15	22	137x5	143x6	2143	870.5	1250	1969	493	1442	1201	3146	2800	1500	87	18	12	22320	375

Model Y5-48 Centrifugal Boiler Blower

Y5-48 series centrifugal boiler blower is designed for the industrial boiler of 1-20 T/H which is fit for various burning medium and equipped with smoke and dust catching device, which may be selected by those with certain absorption condition and applicable performance. No more than 250℃ of the highest temperature. Add the dust catching device of no less than 85% dust catching efficiency in front of the blower, so as to reduce the smoke content entered the blower, and increase the blower's longevity.

The blower's performance is indicated with the specifications of wind volume, full pressure, rotating speed of the principal axis, axis Power, efficiency, etc. Among the performance shown in the performance chart, NO.4-6.3, the performance of blower is calculated according to the air medium that: air temperature $t=200^{\circ}\text{C}$, atmospheric pressure $P_0=101300\text{Pa}$, air density $\rho =0.745\text{kg/m}^3$, above NO.8, is calculated according to that: air temperature $t=140^{\circ}\text{C}$, atmospheric pressure $P_0=101300\text{Pa}$, smoke density $\rho =0.85\text{kg/m}^3$.

This series of blowers use jib-headed strap transmission (C type)

This model of blower is single inhalation, 6 types: NO.4、5、6.3、8、10、12.5, each may be made in the model of left revolving or right revolving.

For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

Shuangcheng Blower

Y5-48-4C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
3550	1	2932	2221	3.52	Y132S1-2	5.5		
	2	3374	2254	3.87	Y132S1-2	5.5		
	3	3807	2173	4.04	Y132S1-2	5.5		
	4	4254	2068	4.22	Y132S1-2	5.5		
	5	4686	1914	4.36	Y132S1-2	5.5		
	6	5143	1726	4.51	Y132S1-2	5.5		
	7	5564	1501	4.52	Y132S1-2	5.5		
3150	1	2602	1746	2.46	Y112M-2	4		
	2	2993	1772	2.70	Y112M-2	4		
	3	3378	1708	2.82	Y112M-2	4		
	4	3775	1626	2.95	Y112M-2	4		
	5	4158	1505	3.04	Y112M-2	4		
	6	4563	1357	3.15	Y112M-2	4		
	7	4937	1180	3.16	Y112M-2	4		
2800	1	2313	1377	1.73	Y100L-2	3		
	2	2661	1398	1.90	Y100L-2	3		
	3	3003	1348	1.98	Y100L-2	3		
	4	3355	1283	2.07	Y100L-2	3		
	5	3696	1188	2.14	Y100L-2	3		
	6	4056	1071	2.21	Y100L-2	3		
	7	4388	932	2.22	Y100L-2	3		
2500	1	2065	1097	1.23	Y90L-2	2.2		
	2	2376	1113	1.35	Y90L-2	2.2		
	3	2681	1073	1.41	Y90L-2	2.2		
	4	2996	1022	1.47	Y90L-2	2.2		
	5	3300	946	1.52	Y90L-2	2.2		
	6	3622	853	1.57	Y90L-2	2.2		
	7	3918	742	1.58	Y90L-2	2.2		

Shuangcheng Blower

Y5-48-5C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
3150	1	5304	2819	7.81	Y160M1-2	11		
	2	6062	2793	8.39	Y160M1-2	11		
	3	6820	2737	8.92	Y160M1-2	11		
	4	7578	2592	9.25	Y160M1-2	11		
	5	8336	2406	9.55	Y160M1-2	11		
	6	9093	2175	9.81	Y160M1-2	11		
	7	9851	1913	9.88	Y160M1-2	11		
2800	1	4715	2223	5.49	Y132S2-2	7.5		
	2	5389	2203	5.90	Y132S2-2	7.5		
	3	6062	2158	6.27	Y132S2-2	7.5		
	4	6736	2044	6.50	Y132S2-2	7.5		
	5	7409	1898	6.71	Y132S2-2	7.5		
	6	8083	1716	6.89	Y132S2-2	7.5		
	7	8757	1509	6.94	Y132S2-2	7.5		
2500	1	4210	1769	3.90	Y132S1-2	5.5		
	2	4811	1753	4.20	Y132S1-2	5.5		
	3	5413	1718	4.46	Y132S1-2	5.5		
	4	6014	1627	4.62	Y132S1-2	5.5		
	5	6616	1511	4.77	Y132S1-2	5.5		
	6	7217	1366	4.90	Y132S1-2	5.5		
	7	7818	1202	4.94	Y132S1-2	5.5		
2240	1	3772	1419	2.81	Y112M-2	4		
	2	4311	1406	3.02	Y112M-2	4		
	3	4850	1377	3.21	Y112M-2	4		
	4	4389	1305	3.33	Y112M-2	4		
	5	5928	1212	3.43	Y112M-2	4		
	6	6466	1096	3.53	Y112M-2	4		
	7	7005	964	3.55	Y112M-2	4		

Shuangcheng Blower

Y5-48-6.3C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
2800	1	9432	3545	17.42	Y180M-2	22		
	2	10779	3513	18.72				
	3	12126	3441	19.9				
	4	13474	3259	20.63				
	5	14821	3025	21.30				
	6	16169	2733	21.88				
	7	17516	2403	22.03				
2500	1	8421	2819	12.40	Y160M2-2	15		
	2	9624	2793	13.33				
	3	10827	2737	14.16				
	4	12030	2592	14.68				
	5	13233	2406	15.16				
	6	14436	2175	15.57				
	7	15639	1913	15.68				
2240	1	7546	2259	8.92	Y160M1-2	11		
	2	8623	2238	9.59				
	3	9701	2193	10.19				
	4	10779	2077	10.56				
	5	11857	1929	10.91				
	6	12935	1743	11.20				
	7	14013	1533	11.28				
2000	1	6737	1798	6.35	Y132S2-2	7.5		
	2	7700	1781	6.82				
	3	8662	1745	7.25				
	4	9624	1654	7.52				
	5	10586	1535	7.76				
	6	11540	1388	7.97				
	7	12511	1221	8.03				

Y5-48-8C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
2000	1	13794	3323	213.90	Y200L-4	30		
	2	15765	3293	25.69				
	3	17736	3226	27.31				
	4	19707	3055	28.30				
	5	21677	2836	29.23				
	6	23648	2563	30.02				
	7	25619	2253	30.23				
1800	1	12415	2686	17.43	Y180L-4	22		
	2	14189	2661	18.73				
	3	15962	2607	19.90				
	4	17736	2470	20.63				
	5	19510	2293	21.31				
	6	21283	2072	21.88				
	7	23057	1823	22.03				
1600	1	11035	2118	12.24	Y160L-4	15		
	2	12612	2099	13.15				
	3	14189	2056	13.98				
	4	15765	1948	14.49				
	5	17342	1809	14.96				
	6	18918	1635	15.37				
	7	20495	1438	15.48				
1400	1	9656	1619	8.20	Y160M-4	11		
	2	11035	1604	8.81				
	3	12415	1572	9.37				
	4	13794	1489	9.71				
	5	15174	1383	10.03				
	6	16553	1250	10.30				
	7	17933	1100	10.37				

Shuangcheng Blower

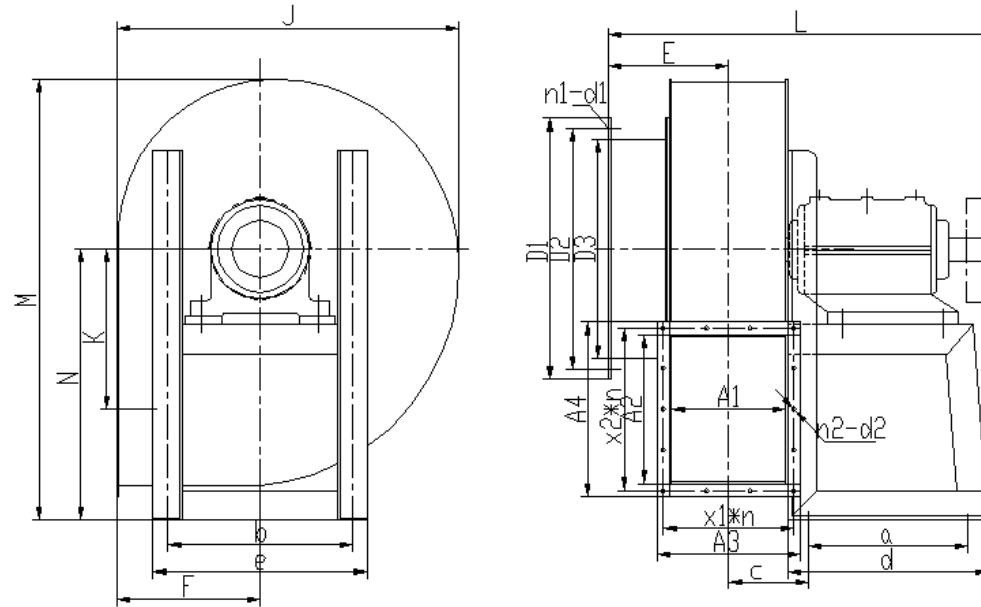
Y5-48-10C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1800	1	22250	4483	49.59	Y280S-4	75		
	2	25981	4437	54.33				
	3	29711	4305	58.23				
	4	33442	4103	61.59				
	5	37172	3823	64.26				
	6	40903	3436	65.72				
	7	44634	2958	65.95				
1600	1	19778	3531	34.83	Y250M-4	55		
	2	23094	3494	38.16				
	3	26410	3390	40.89				
	4	29726	3232	43.25				
	5	33042	3013	45.13				
	6	36358	2708	46.15				
	7	39674	2332	46.32				
1400	1	17305	2696	23.33	Y225S-4	37		
	2	20207	2668	25.56				
	3	23109	2589	27.39				
	4	26010	2468	28.98				
	5	28912	2301	30.24				
	6	31813	2069	30.92				
	7	34715	1782	31.03				
1250	1	15451	2145	16.61	Y180L-4	22		
	2	18042	2123	18.19				
	3	20633	2060	19.5				
	4	23223	1964	20.63				
	5	25814	1831	21.52				
	6	28405	1647	22.01				
	7	30995	1419	22.08				

Shuangcheng Blower

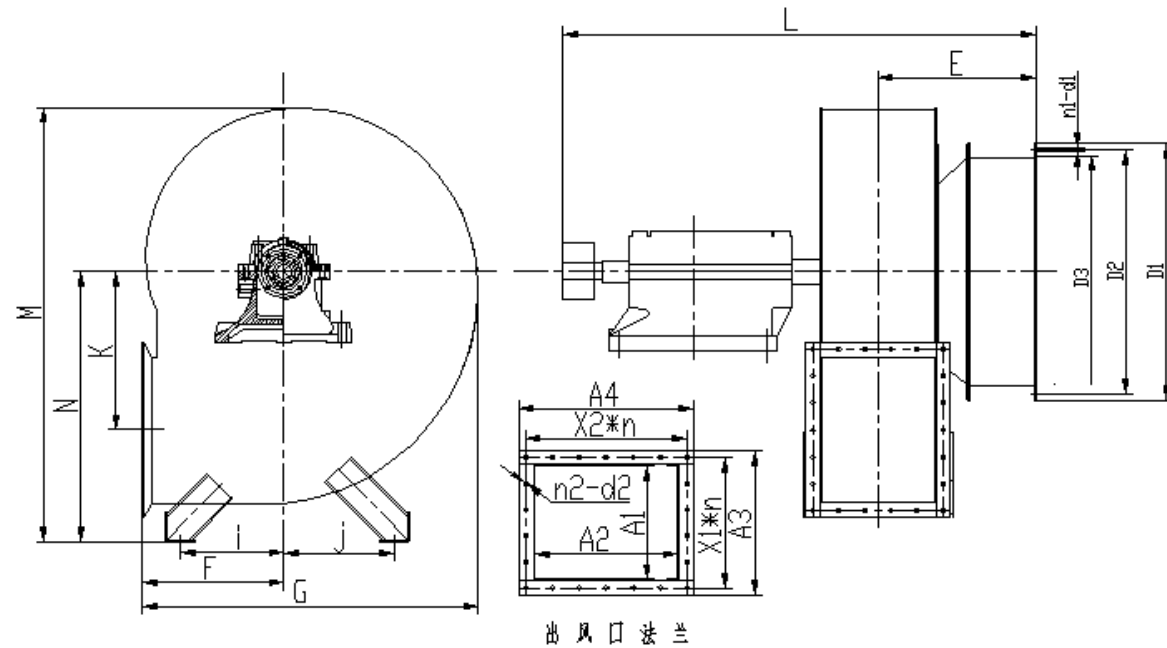
Y5-48-12.5C centrifugal boiler induced draft fan

Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
					Type	Power kW		
1000	1	24143	2145	18.96	Y225S-4	37	2252×2222× 2204	284
	2	28191	2123	20.78	Y225S-4	37		
	3	32239	2060	22.27	Y225S-4	37		
	4	36287	1964	23.55	Y225S-4	37		
	5	40335	1831	24.57	Y225S-4	37		
	6	44383	1647	25.13	Y225S-4	37		
	7	48431	1419	25.22	Y225S-4	37		
1120	1	27040	2696	26.64	Y250M-4	55	2252×2222× 2204	427
	2	31574	2663	29.19	Y250M-4	55		
	3	36107	2589	31.28	Y250M-4	55		
	4	40641	2468	33.09	Y250M-4	55		
	5	45175	2301	34.53	Y250M-4	55		
	6	49709	2069	35.31	Y250M-4	55		
	7	54242	1782	35.43	Y250M-4	55		
1250	1	30179	3365	37.04	Y280S-4	75	2252×2222× 2204	562
	2	35239	3331	40.58	Y280S-4	75		
	3	40298	3232	43.49	Y280S-4	75		
	4	45358	3081	46.00	Y280S-4	75		
	5	50418	2872	48.00	Y280S-4	75		
	6	55478	2582	49.08	Y280S-4	75		
	7	60538	2223	49.25	Y280S-4	75		
1400	1	33800	4234	52.04	Y315S-4	110	2252×2222× 2204	1000
	2	39467	4190	57.01	Y315S-4	110		
	3	45134	4065	61.10	Y315S-4	110		
	4	50802	3875	64.63	Y315S-4	110		
	5	56469	3611	67.43	Y315S-4	110		
	6	62136	3246	68.96	Y315S-4	110		
	7	67803	2794	69.20	Y315S-4	110		



Shape and Installation Size Chart of Model Y5-48 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size							Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				J	M	N	K	F	E	L	a	b	c	d	e
				d1	n1					d2	n2	x1×n	x2×n												
4	425	395	355	10	8	199	256	254	314	8	14	97 x3	72.5 x4	588	748	460	267.6	248	270	868	298	390	147	388	430
5	545	500	450	12	8	252	324	308	382	8	18	71 x4	72 x5	741	924	560	340	312	319	940	285	474	179	385	524
6.3	670	620	560	12	12	315	409.5	371	465.5	8	18	87 x4	88.6 x5	924	1218	760	425.4	393	399	1224	375	600	220.5	495	656



Shape and Installation Size Chart of Model Y5-48 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size							Installation Size	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				M	N	K	F	G	E	L	i	j
				d1	n1					d2	n2	x1×n	x2×n									
8	820	770	710	12	16	400	520	509	632	15	18	115.5 x4	116 x5	1574	900	540	495	1178	493	1611	400	450
10	1030	970	900	15	16	504	655	613	771	15	24	114 x5	104 x8	1944	1100	680.3	623	1483	601	1813	450	550
12.5	1250	1190	1120	15	20	627	815	935	737	15	28	115 x6	111 x8	2378	1350	847	774	1844	750	2227	550	650

Model Y9-38、Y8-39

Centrifugal Boiler Blower

This model of blower applies to the blow system of 1-35T/h. The medium conveyed by the blower is smoke. No more than 250℃ of the highest temperature. Add the dust catching device in front of the blower, so as to reduce the smoke content entered the blower. Normally, the dust catching efficiency is no less than 85%.

This model of blower is single inhalation, 13 types: NO. 4、4.5、5、5.6、6.3、7.1、8、9、10、11.2、12.5、14、16, all in direct joint transmission (D type transmission)

Each may be made in the model of left revolving or right revolving.

For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

Shuangcheng Blower

Model Y9-38 Centrifugal Blower Datasheet

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg
					Type	Power kW	
4	D	2900	2275 2334 2334	3297 3846 4396	Y132S1-2	5.5	131
			2294 2226	4945 5495	Y132S2-2	7.5	
4.5	D	2900	2873 2951 2961 2912 2814	4694 5477 6259 7042 7824	Y160M1-2	11	155
5	D	2900	3550 3648	6439 7513	Y160M2-2	15	173
			3658 3589 3481	8586 9659 10733	Y160L-2	18.5	
5.6	D	2900	4452 4570 4579	9047 10555 12063	Y200L1-2	30	280
			4511 4364	13571 15079	Y200L2-2	37	
6.3	D	1450	1402 1441	6441 7514	Y132S-4	5.5	306
			1451 1422 1372	8588 9661 10735	Y132M-4	7.5	
			5639 5786	12882 15029	Y225M-2	45	
		2900	5805 5707	17176 19323	Y250M-2	55	
			5521	21470	Y250S-2	75	
7.1	D	1450	1784 1963 1873	6219 10756 12292	Y160M-4	11	563
			1863 1833 1794	13829 15366 16902	Y160J-4	15	
			1735	18439	Y180M-4	18.5	

Shuangcheng Blower

Model Y9-38

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg
					Type	Power kW	
7.1	C	1600	2177 2265 2275 2265 2235	10173 11869 13564 15260 16955	Y180M-4	18.5	563
			2186 2108	18651 20346	Y180L-4	22	
8	D	1450	2275 2363 2373 2363	13189 15387 17585 19783	Y180L-4	22	639
			2334 2285 2206	21982 24180 26378	Y200L-4	30	
8	C	1600	2765 2873 2893	14553 16978 19404	Y200L-4	30	776
			2873 2834	21830 24255	Y225S-4	37	
			2775 2677	26081 29106	Y225M-4	45	
9	D	1450	2873 2991 3010	18778 21908 25038	Y225S-4	37	776
			2991 2951 2893 2785	28168 31298 34427 37557	Y250M-4	55	
10	D	1450	3550 3687	25760 30053	Y250M-4	55	871
			3716 3687 3648	34346 38639 42933	Y280S-4	75	
			3569 3442	47266 51519	Y280M-4	90	

Shuangcheng Blower

Model Y9-38

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg			
					Type	Power kW				
12.5	D	1450	5560 5766	50312 58697	Y315M2-4	160	1491			
			5805	67082	Y355M1-4	200				
			960	2432 2530 2540	33310 38861 44413	Y280M-6		55		
		2530 2490 2441		49965 55516 61068	Y315S1-6	75				
		2353		66620	Y315M1-6	90				
		730		1402 1461	25330 29550	Y225M1-8		22		
				1471 1461 1441	33772 37994 42215	Y250M-8		30		
			1412 1363	46437 50659	Y280S-8	37				
		14	D	960	3049	46798		Y315S1-6	75	2452
					3167	54597		Y315M1-6	90	
3087 3167	62397 70197				Y315M2-6	110				
3128 3059	77997 85796				Y315M3-6	132				
2961	93596				Y355M1-6	160				
730	1765 1833			35586 41517	Y280S-8	37				
	1843 1833			47448 53379	Y280M-8	45				
	1814			59310	Y315S-8	55				
	1775 1716			65241 71172	Y315M1-8	75				
	16			D	960	3991 4138	69856 81498	Y355M1-6	160	
4167		93141	Y355M2-6			200				
4138 4089 4001		104784 106427 128069	Y355M3-6			250				
730		2304 2392	53119		Y315M1-8	75				
		2402 2392	70826 79679		Y315M2-8	90				
		2263 2314	88533 97386		Y315M3-8	110				
		2235	106239		Y355M1-8	132				

Model Y8-39 Centrifugal Blower Datasheet

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg
					Type	Power kW	
4	D	2900	2039	3242	Y112M	4	130
			2049	3846			
			2030	4451	Y132S1-2	5.5	
			1961	5055			
4.5	D	2900	1882	5660	Y132S2-2	7.5	151
			2579	4613			
			2589	5477	Y160M1-2	11	
			2569	6338			
5	D	2900	2490	7199	Y160M2-2	15	171
			2392	8059			
			3178	6332	Y160L-2	18.5	
			3197	7513			
5.6	D	2900	8693	8896	Y180M-2	22	227
			3167	10555			
			3079	9874	Y200L1-2	30	
			2951	11055			
6.3	D	1450	4001	12214	Y132S-4	5.5	302
			4011	13873			
			1265	6333	Y132M-4	7.5	
			1265	7514			
7.1	D	1450	1255	8695	Y200L2-2	37	557
			1216	9876			
			5060	12667	Y250M-2	55	
			5080	15029			
7.1	D	1450	5031	17391	Y160M-4	11	557
			4883	19752			
			4687	22114	Y160L-4	15	
			1647	9066			
7.1	D	1450	1686	10756	Y160L-4	15	557
			1647	12446			
			1608	14136	Y160L-4	15	
			1539	15827			
7.1	D	1450	1441	17517	Y160L-4	15	557
			1333	19207			

Shuangcheng Blower

Model Y8-39

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg
					Type	Power kW	
7.1	C	1600	2010 2059 2010 1961	10004 11869 13733 15598	Y160L-4	15	557
			1873 1755 1627	17464 19329 21194	Y180M-4	18.5	
8	D	1450	2088 2147 2098	12969 15387 17805	Y180M-4	18.5	612
			2039 1951	20223 22641	Y180L-4	22	
			1833 1696	25059 27477	Y200L-4	30	
8	C	1600	2549 2618 2559 2481 2383	14310 16978 19647 22315 24983	Y210L-4	30	612
			2235 2069	27651 30319	Y225S-4	37	
9	D	1450	2647 2716	18465 21908	Y200L-4	30	766
			2657 2579	25351 28794	Y225S-4	37	
			2471 2324 2147	32237 35679 39122	Y225M-4	45	
10	D	1450	3265 3412 3422	25330 30053 34775	Y255M-4	55	856
			3344 3246	39498 44221	Y280S-4	75	
			3180 2922	48943 53666	Y280M-4	90	

Shuangcheng Blower

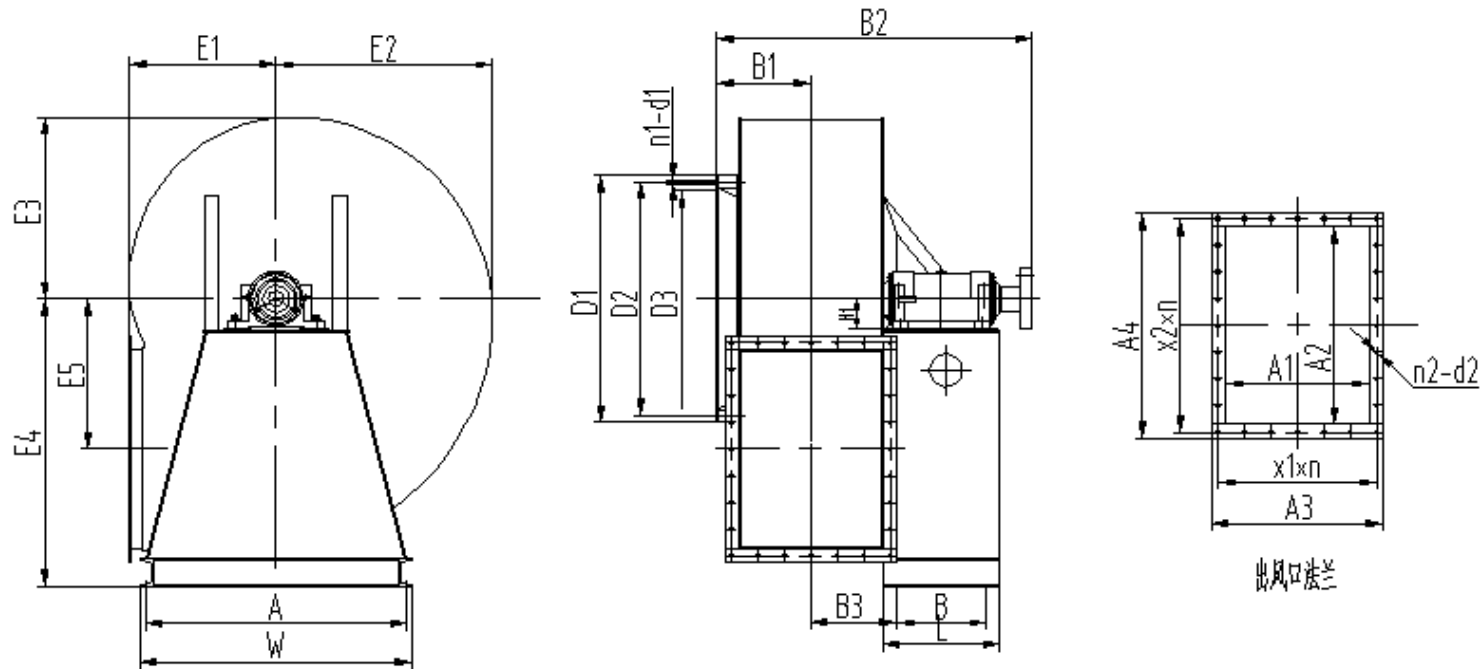
Model Y8-39

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg
					Type	Power kW	
11.2	D	1450	4099 4275	35587 42222	Y280M-4	90	1350
			4295 4197	48857 55492	Y315S1-4	110	
			4070 3903	62127 68762	Y315M1-4	132	
			3667	75397	Y315M2-4	160	
		960	1794 1873 1882	23561 27954 32346	Y225M-6	30	
			1833 1784	36739 41132	Y250M-6	37	
			1706 1608	45525 49918	Y280S-6	45	
12.5	D	1450	5109	46473	Y315M1-4	132	1477
			5325	58697	Y315M2-4	160	
			5344 5227	67921 77145	Y355M1-4	200	
			5070 4864 4570	86369 95592 104816	Y355M2-4	250	
12.5	D	960	2235 2334	32754 38861	Y280S-6	45	1477
			2343 2285	44968 51075	Y280M-6	55	
			2226 2128 2000	57182 63289 69395	Y315S1-6	75	1477
		730	1294 1353 1353	24907 29551 34194	Y225M-6	22	
			1323 1284 1235 1157	38838 43482 48126 52769	Y250M-8	30	

Shuangcheng Blower

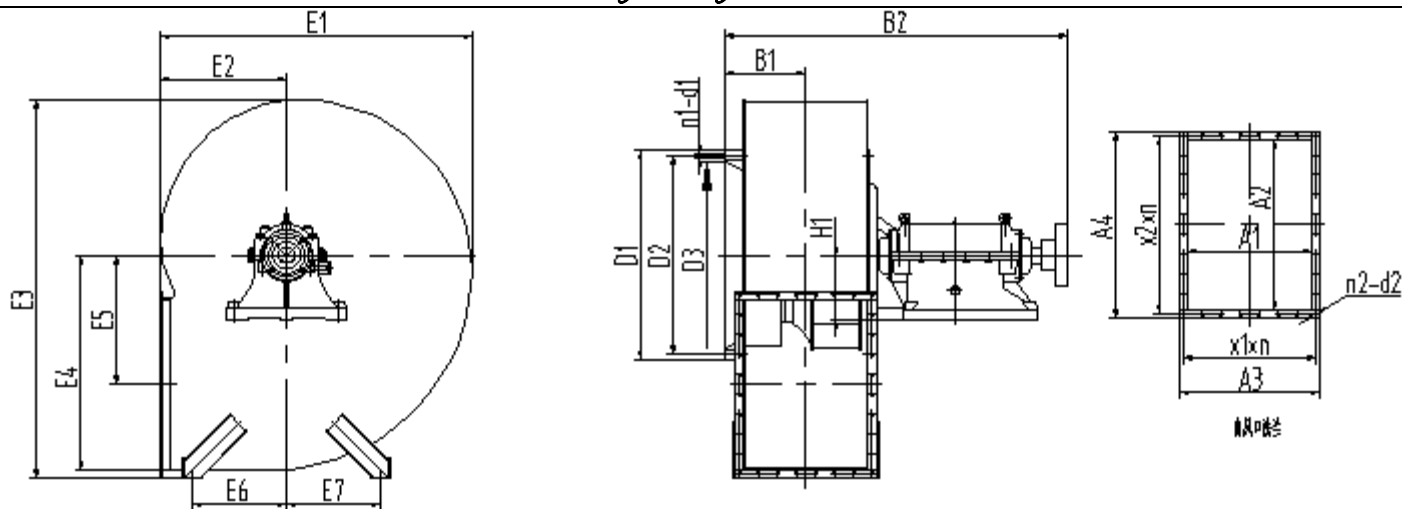
Model Y8-39

No.	Type	Speed r/min	Total pressure Pa	Flux m ³ /h	motor		weight kg
					Type	Power kW	
14	D	960	2804 2932	46018 54597	Y315S1-6	75	2413
			2942	63177	Y315M1-6	90	
			2873 2785	71757 80336	Y315M2-6	110	
			2667 2510	88916 97496	Y315M3-6	132	
		730	1618 1696 1706	34993 41516 48041	Y280S-6	37	
			1657	54565	Y280M-6	45	
			1608 1539 1451	61089 67613 74137	Y315S-8	55	
16	D	960	3668 3825	68692 81498	Y355M1-6	160	2720
			3844 3756	94305 107113	Y355M2-6	200	
			3638 3491 3285	119919 132726 145533	Y355M3-6	250	
		730	2118	52234	Y315S1-8	55	
			2206 2216	61973 71711	Y315M1-8	75	
			2167	81450	Y315M2-8	90	
			2108 2020 1892	91189 100927 110666	Y315M3-8	110	



Shape and Installation Size Chart of Model Y9-38、Y8-39 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	B3	L	W	A	B	Bearing No.	H1
				d1	n1					d2	n2	x1xn	x2xn														
4	399	355	315	10	8	200	224	256	282	8	12	78×3	87×3	272	355	307	460	287.6	247.5	848	149	388	430	390	298	6310	90
4.5	425	395	455	10	8	224	250	290	318	10	12	87×3	97×3	306	398	345	510	325	259.5	870	160	388	430	390	298	6310	90
5	490	450	400	12	8	250	280	316	348	10	14	96×3	80×4	339	441	385	560	359	276.5	898	178	385	524	474	285	6310	90
5.6	540	500	450	12	8	280	315	346	383	10	16	79×4	89×4	377.2	491.8	426	660	401	304.5	1113	203	495	656	600	375	6312	110
6.3	610	590	500	12	12	315	355	381	423	10	16	88×4	99×4	423	554	479	760	452	339	1167	220.5	495	656	600	375	6312	110



Shape and Installation Size Chart of Model Y9-38、Y8-39 D Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size										Bearing house	
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	E6	E7	B1	B2	Bearing No.	H1	
				d1	n1					d2	n2	x1×n	x2×n												
7.1	670	620	560	12	12	355	400	444	492	12	16	102×4	114×4	1104	478.3	1416	810	509.5	350	400	382.5	1527	22316	280	
8	740	690	630	12	12	400	450	489	542	12	18	113×4	101×5	1240	537	1573	900	1240	400	450	430	1573	22316	280	
9	820	770	710	12	16	450	500	539	592	12	20	100×5	111×5	1393	602	1748	1000	1393	450	500	470	1748	22316	280	
10	910	860	800	12	16	500	560	590	652	12	22	110×5	110×6	1544	668	1921	1100	1544	500	600	505	1921	22316	280	
11.2	1030	960	900	15	16	560	630	652	726	12	24	102×6	115×6	1733	748.6	2116	1200	804	600	650	568	2015	22320	375	
12.5	1130	1060	1000	15	16	630	710	722	806	12	26	114×6	110×7	1932	835.2	2353	1340	894.3	700	650	633	2110	22320	375	
14	1250	1190	1120	15	20	710	800	802	896	12	30	109×7	107×8	2157	931	2625	1500	999.2	700	800	709	2625	22324	500	
16	1380	1320	1250	15	20	800	900	902	1006	15	30	123×7	120×8	2461	1061	2974	1700	1149.6	850	1000	793	2974	22324	500	

Model YX9-35

Centrifugal Boiler Blower

Model YX9-35 5C、6.3C、8C\D are developed to apply to the boiler of 1t, 2t or 4t, which may be selected by those with certain absorption condition and applicable performance. No more than 250℃ of the highest temperature. Add the dust catching device of no less than 85% dust catching efficiency in front of the blower, so as to reduce the smoke content entered the blower, and increase the blower's longevity.

The blower's performance is indicated with the specifications of wind volume, full pressure, rotating speed of the principal axis, axis Power, efficiency, etc. Among the performance shown in the performance chart, the performance of blower is calculated according to the air medium that: air temperature $t=200^{\circ}\text{C}$, atmospheric pressure $P_0=101325\text{Pa}$, air density $\rho =0.745\text{kg/m}^3$

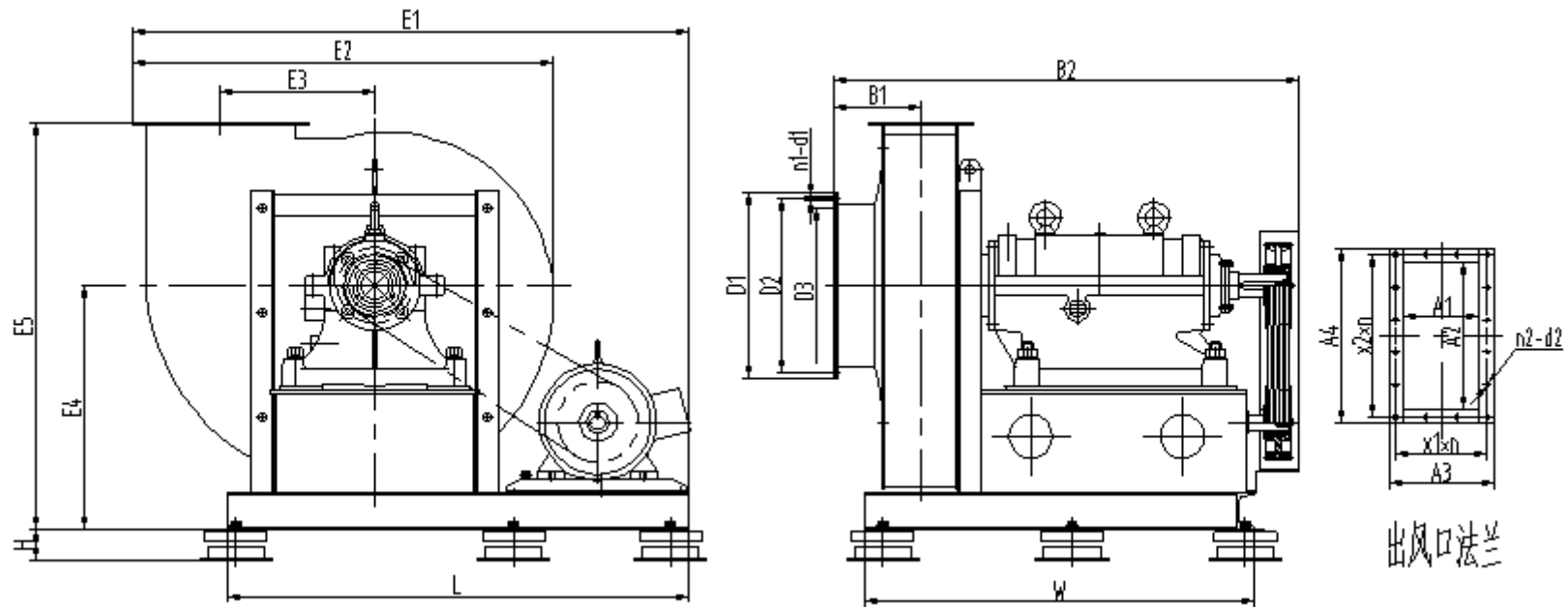
This model of blower is single inhalation, 3 types: NO. 5、6.3、8

Each may be made in the model of left revolving or right revolving.

For the convenience of customer's installation and debug, the unitary bracket and shock absorption bracket are provided.

Model YX9-35 Centrifugal Blower Datasheet

No.	Speed r/min	No.	Flux m ³ /h	Total pressure Pa	Power kW	motor		size L×W×H mm	weight (except motor) kg
						Type	Power kW		
5C	2240	1	5894	2314	5.05	Y132S1-2	5.5	896×808× 952	165
		2	6610	2265	5.55	Y132S2-2	7.5		
		3	7902	2226	6.52				
		4	8884	2108	7.11	Y160M1-2	11		
6.3C	1800	1	9474	2452	8.60	Y160M-4	11	1374×1015 ×1304	332
		2	10626	2393	9.42				
		3	14281	2206	11.67	Y160L-4	15		
		4	15840	2128	12.5				
8C	1600	1	17245	3199	20.4	Y180L-4	22	1496×1275 ×1636	380
		2	19342	3040	21.8				
		3	23116	2961	25.4	Y225S-4	37		
		4	25992	2814	27.1				
8D	1450	1	17528	2501	16.2	Y180M-4	18.5		
		2	20949	2432	18.9	Y160L-4	30		
		3	23556	2304	20.1				
		4	26128	2226	21.6				



Shape and Installation Size Chart of Model YX9-35 C Centrifugal Blower

No.	Inlet flange					Outlet flange								Shape Size								Installation Size				
	D1	D2	D3	Coupling bolt		A1	A2	A3	A4	Coupling bolt				E1	E2	E3	E4	E5	B1	B2	L	W	H	Anchor bolt hole		
				d1	n1					d2	n2	x1×n	x2×n											Φ	quantity	
5	400	355	321	10	8	168	315	226	381	10	18	50×4	71×5	672	463.5	171.5	561	450.5	177	581	1100	540	65	15	4	
6.3	480	450	440	12	8	210	406	290	486	10	16	85×3	90×5	1580	1165	427	685	1135	242	1180	1360	980	87	18	8	
8	6910	560	500	12	12	240	500	342	592	12	22	75×4	79×7	2004	1473	551	835	1395	180.5	1496	1600	1030	87	18	12	

T35-11 axial flow fan

一、 Purpose of the Blower

T35-11 axial flow fan is an energy saving new product, with the characteristics of simple structure, high efficiency, little vibration and low noise. It applies to the ventilation in ordinary work place, warehouse, house and building, or for strengthening the cooling use of central heating, or used as free fan if the shell is removed; or installed in series interval in the long vent-pipe to enhance the full pressure in the pipe. The medium conveyed is dry air and other matters which are non-corrosive, non-self-igniting and non glutinous. The temperature of the medium conveyed should not be higher than 60℃. The powder dust contained in the conveying gas should be no more than 150mg/m³.

二、 Models of the Blower

1 .This blower has 13 specifications for selection as:

Models: NO2.8; 3.15; 3.55; 4; 4.5; 5; 5.6; 6.3; 7.1; 8; 9; 10; 12;

2 .The blower selects motor of different poles to connect with the impeller.

The outer covering of air blower is Canister shape. Facing the blower, the rotating direction of the impeller is anticlockwise.

三、 Operation, installation and maintenance

1. Long vent-pipe to enhance the wind pressure in the pipe.

2. Upside-down is prohibited.

3. Examine carefully whether there is any damage or distortion due to package or transportation. If applicable, install after repair.

4. Examine whether there is any loose between the joint parts, the clearance between the impeller sheet and the wind canister, no touching.

5. Uphold at installation. Install the wind hole with the blower as well as fence wire netting.

6. Naturally, no compulsory linking by striking the base in order not to distort the chassis. The base should be revised while installing.

7. Relievable and firm, and whether the clearance between the impeller and the wind canister is appropriate. Operate formally after trial operation.

8. Check regularly whether there is any abnormal noise and whether the vibration is increasing, and repair timely.

9. Check every half a year after the formal operation of the blower.

This manual is for reference only. There may be changes to the figures.

Shuangcheng Blower

T35、BFT35 axial flow fan Datasheet

No.	wheel dia. mm	wheel Linear Velocity m/s	speed r/min	Direction angle °	Flux m ³ /h	Total pressure Pa	Total pressure efficiency (%)	Motor	
								Type	Power kW
2.8	280	42.5	2900	15	1224	128	0.64	YSF-5622	0.12
				20	1742	141	0.68	YSF-5632	0.180
				25	2560	143	0.69	YSF-5632	0.180
				30	2495	165	0.68	YSF-6322	0.350
				35	2778	186	0.64	YSF-6332	0.370
		21.5	1450	15	613	32	0.64	YSF-5014	0.025
				20	873	35.2	0.68	YSF-5014	0.025
				25	1133	35.7	0.69	YSF-5014	0.025
				30	1251	41.2	0.68	YSF-5024	0.040
				35	1392	46.6	0.64	YSF-5024	0.040
3.15	315	47.8	2900	15	1944	170.1	0.67	YSF-6312	0.180
				20	2681	186.6	0.71	YSF-6322	0.250
				25	3418	189.2	0.72	YSF-6332	0.370
				30	3753	217.7	0.71	YSF-7122	0.550
				35	4155	247	0.67	YSF-7122	0.550
		23.9	1450	15	972	42.5	0.67	YSF-5014	0.025
				20	1340	46.6	0.71	YSF-5024	0.040
				25	1709	47.2	0.72	YSF-5024	0.040
				30	1877	54.9	0.71	YSF-5614	0.060
				35	2078	61.7	0.67	YSF-5624	0.090
3.55	355	53.9	2900	15	2783	216.1	0.67	YSF-7112	0.370
				20	3839	237	0.71	YSF-7122	0.550
				25	4895	240.3	0.72	YSF-7132	0.750
				30	5375	279	0.71	YSF-7132	0.750
				35	5951	313.6	0.67	YSF-8022	1.1
		27.0	1450	15	1394	54	0.67	YSF-5024	0.040
				20	1923	59.2	0.71	YSF-5614	0.060
				25	2452	60.2	0.72	YSF-5624	0.090
				30	2692	69.7	0.71	YSF-5624	0.090
				35	2981	78.4	0.67	YSF-6314	0.120

Shuangcheng Blower

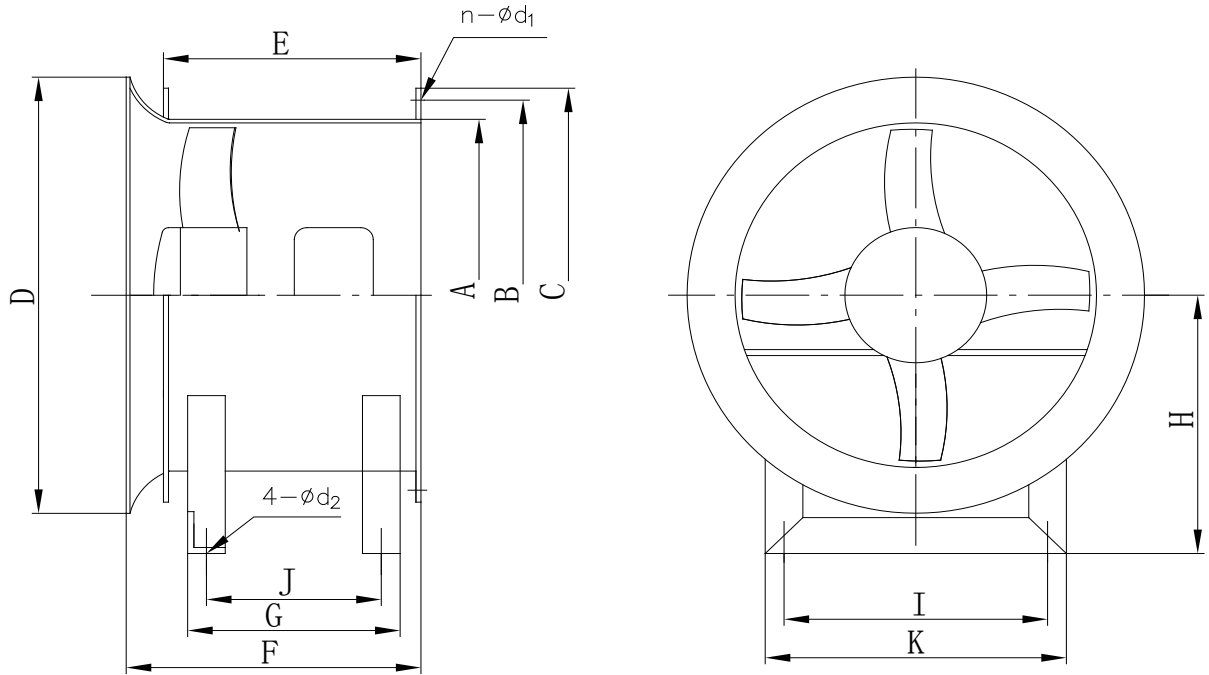
T35、BFT35

No.	wheel dia. mm	wheel Linear Velocity m/s	speed r/min	Direction angle °	Flux m ³ /h	Total pressure Pa	Total pressure efficiency (%)	Motor	
								Type	Type
4	400	60.7	2900	15	3980	274.3	0.67	YSF-7132	0.75
				20	5489	300.9	0.71	YSF-8022	1.1
				25	6999	305.1	0.72	YSF-8022	1.1
				30	7685	354	0.71	YT90S-2	1.5
				35	8500	398.2	0.67	YT90S-2	2.2
		30.4	1450	15	1993	68.6	0.67	YSF-5624	0.090
				20	2749	75.2	0.71	YSF-6314	0.12
				25	3505	76.2	0.72	YSF-6324	0.18
				30	3849	88.5	0.71	YSF-6324	0.18
				35	4261	99.5	0.67	YSF-7114	0.25
4.5	450	34.2	1450	15	2838	86.8	0.67	YSF-6314	0.120
				20	3914	95.2	0.71	YSF-6324	0.180
				25	4991	96.5	0.72	YSF-7114	0.250
				30	5480	112	0.71	YSF-7124	0.370
				35	6067	126	0.67	YSF-7124	0.370
5	500	38.0	1450	15	4289	112.6	0.67	YSF-7114	0.250
				20	5763	124.8	0.71	YSF-7124	0.370
				25	7273	129.6	0.72	YSF-8014	0.550
				30	7907	145.6	0.71	YSF-8014	0.550
				35	8712	164.6	0.67	YSF-8024	0.750
		25.1	960	15	2839	49.1	0.71	YSF-8026	0.370
				20	3815	54.4	0.75	YSF-8026	0.370
				25	4792	56.8	0.77	YSF-8026	0.370
				30	5235	63.5	0.75	YSF-8026	0.370
				35	5768	71.8	0.71	YSF-8026	0.370
5.6	560	42.5	1450	15	6025	140.9	0.71	YSF-7124	0.370
				20	8097	156.1	0.75	YSF-8014	0.550
				25	10168	162.6	0.77	YSF-8024	0.750
				30	11110	182.1	0.75	YT90S-4	1.1
				35	12239	206	0.71	YT90S-4	1.1
		28.1	960	15	3989	61.8	0.71	YSF-8026	0.370
				20	5361	68.4	0.75	YSF-8026	0.370
				25	6732	71.3	0.77	YSF-8026	0.370
				30	7355	79.8	0.75	YSF-8026	0.370
				35	8103	90.3	0.71	YSF-8026	0.370

Shuangcheng Blower

T35、BFT35

No.	wheel dia. mm	wheel Linear Velocity m/s	speed r/min	Direction angle °	Flux m ³ /h	Total pressure Pa	Total pressure efficiency (%)	Motor	
								Type	Type
6.3	630	47.8	1450	15	8579	178.3	0.71	YSF-8024	0.750
				20	11528	197.6	0.75	YT90S-4	1.1
				25	14477	205.8	0.77	YT90S-4	1.5
				30	15817	230.5	0.75	YT90L-4	1.5
				35	17426	260.7	0.71	YT100L-4	2.2
		31.7	960	15	5680	78.2	0.71	YSF-8026	0.370
				20	7632	86.6	0.75	YSF-8026	0.370
				25	9585	90.2	0.77	YSF-8026	0.370
				30	10472	101.0	0.75	YT90S-6	0.750
				35	11532	114.3	0.71	YT90S-6	0.750
7.1	710	53.9	1450	15	12280	226.5	0.71	YT90L-4	1.5
				20	16501	250.9	0.75	YT100L1-4	2.2
				25	20722	261.4	0.77	YT100L2-4	3
				30	22641	292.7	0.75	YT100L2-4	3
				35	24944	331.1	0.71	YT112M-4	4
		36.7	960	15	8130	99.3	0.71	YT90S-6	0.75
				20	10925	110	0.75	YT90S-6	0.75
				25	17320	114.6	0.77	YT90S-6	0.75
				30	14990	128.4	0.75	YT90L-6	0.75
				35	16514	145.2	0.71	YT90L-6	1.1
8	800	60.7	1450	15	17567	287.6	0.71	YT100L2-4	3
				20	23605	318.6	0.75	YT112M-4	4
				25	29644	331.8	0.77	YT132S-4	5.5
				30	32389	371.6	0.75	YT132S-4	5.5
				35	35682	420.3	0.71	YT132M-4	7.5
		40.2	660	15	11630	126.1	0.71	YT90S-6	0.75
				20	15628	139.6	0.75	YT90L-6	1.1
				25	19626	131.1	0.77	YT90L-6	1.1
				30	21444	162.9	0.75	YT100L-6	1.5
				35	23624	184.2	0.71	YT112M-6	2.2
9	900	45.2	960	15	16560	159.5	0.71	YT100L-6	1.8
				20	22252	176.7	0.75	YT112M-6	2.2
				25	27944	184.1	0.77	YT112M-6	2.2
				30	30532	206.2	0.75	YT132S-6	3
				35	33937	233.2	0.71	YT132M1-6	4
10	1000	50.3	960	15	22716	197	0.71	YT112M1-6	2.2
				20	30524	218.2	0.75	YT132S-6	3
				25	38333	227.3	0.77	YT132M1-6	4
				30	41882	254.5	0.75	YT160M-6	5.5
				35	46141	287.9	0.71	YT160M-6	7.5
11.2	1120	56.3	960	15	31914	247	0.71	YT132M1-6	4
				20	42884	273.7	0.75	YT132M2-6	5.5
				25	53855	285.1	0.77	YT160M-6	7.5
				30	58841	319.3	0.75	YT160L-6	11
				35	64825	361.1	0.71	YT160L-6	11



T35、BT35、BFT35 Shape Size & Installation Size

Size No.	A	B	C	D	E	F	G	H	I	J	K	n	ϕd_1	ϕd_2	weight
2.8	283	320	346	355	220	258	212	220	100	175	260	4	10	12	10.26
3.15	316	350	381	400	240	282	232	240	220	190	300	8	10	12	13.2
3.55	358	385	422	450	280	327	272	260	210	230	380	8	10	12	14.28
4	404	450	478	500	300	349	292	290	280	240	370	8	12	12	21.03
4.5	454	500	528	580	260	314	252	330	310	205	430	8	12	12	22.93
5	504	560	588	630	300	364	290	340	410	240	430	12	12	12	30.96
5.6	564	620	649	710	830	404	318	390	440	260	490	12	12	14	41.34
6.3	634	690	719	800	390	474	378	440	440	320	540	12	12	14	57.56
7.1	715	770	800	900	400	494	388	490	630	330	700	16	12	14	87.82
8	805	360	891	1000	480	479	468	550	700	380	770	16	12	18	90.87
9	905	970	1001	1120	540	648	526	610	810	440	850	16	15	18	121.18
10	1006	1070	1103	1250	630	753	616	670	800	505	956	16	15	22	151.16
11.2	1126	1190	1223	1400	700	888	686	760	1080	580	1289	20	15	22	192.1