

Sales and Distribution:

Tangential Brower Fan Motor
Airvent 2020

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Engineering For Future



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冷通机电科技有限公司
AirVent Mechanical and Electrical Technology Co.,Ltd.

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冷通机电科技有限公司
AirVent Mechanical and Electrical Technology Co.,Ltd.

Company Introduction

冷通机电工业有限公司是专业生产工业通风用各种风机的高新技术企业。公司的主要产品包括：高效能罩极电机，普通罩极电机，外转子电机，离心风机和贯流风机。广泛应用于超市陈列柜，冷柜，制冰机，除湿机，饮料机，厨房冰箱，冷库，工业通风，电暖炉，烤箱，空调，风幕机等设备。

冷通的Y系列方形外转子紧凑型轴流风扇，是轻商制冷中常用的外转子电机，用于压缩机冷却和冷空气扩散，在安装空间狭小，而又对风量要求不高（通常是中高温冷藏设备）的应用中有较大的优势。

冷通的方形风扇，涵盖60X60mm到172 X 150mm多种规格，能满足客户各种不同需求。

冷通依托国内数所知名大学，拥有研发设计及先进的制造能力，可以按照客户的特殊要求设计制作专用电机。

Airvent Mechanical and Electrical Technology Co., Ltd. is a high-tech enterprise professionally engaged in various fans used in industrial ventilation solution. Main products including High Efficient Shaped Pole Motor, Shaped Pole Motor, Axial Fan, Centrifugal fan and Tangential Cross Blower. They are widely used in Showcase of Supermarket Chains, Cabinet, Ice Maker, Dehumidifier, Juice Dispenser, Kitchen Refrigerator, Cold Room, Industrial Ventilation, Electrical Heater, Oven, Air Conditioner, Air Curtain and some other equipment.

Airvent Y series square fans are external rotor fans, called Compact Axial Fan. have 2 poles with ball bearings or sleeve bearings, can be used for cooling of compressor and diffusion of cold air in light commercial refrigeration industry. Specially for those small installation space and less air flow requested appliances (normally for cold storage with medium and high temperature -10 to 10 degree).

Good partnership with many famous Chinese universities helps Airvent in R&D, key design and advanced manufacturing technology, we can design and produce special motors as customer requests to have customized Compact Axial Fan.

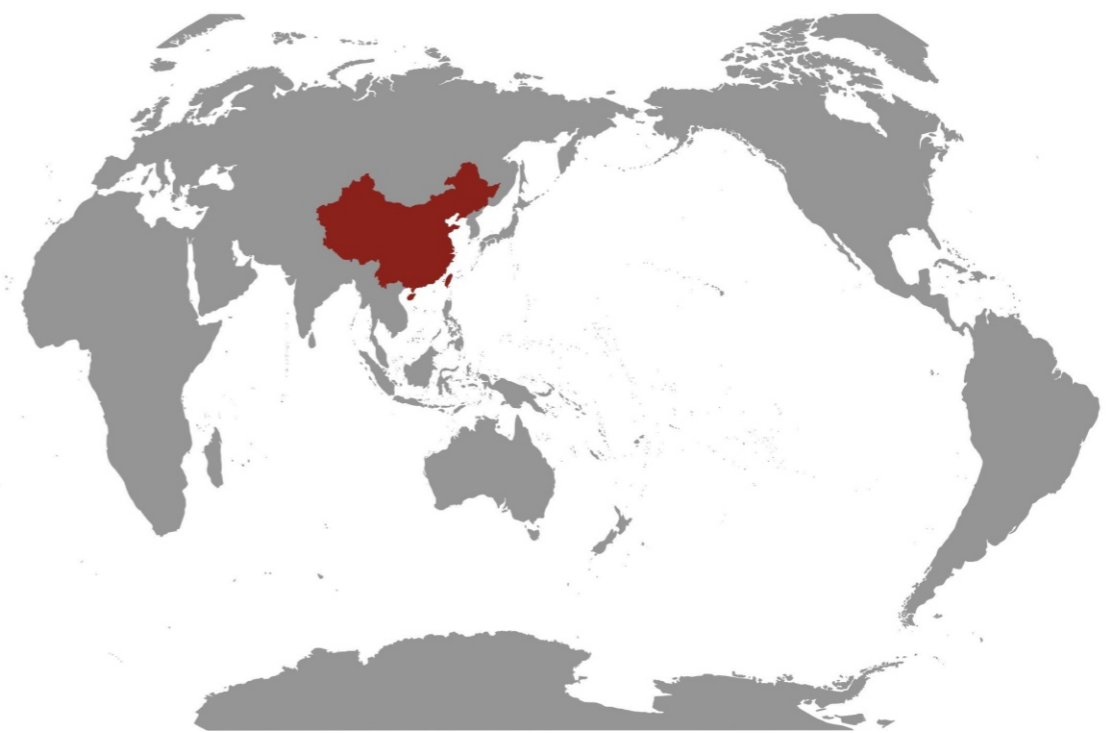


冷通有完善的综合性能实验室，各种规格的动平衡机和相配套的检测设备，确保生产的每一台贯流风机均能满足品质，性能和安全的需要。

冷通依托国内数所知名大学，拥有研发设计及先进的制造能力，可以按照客户的特殊要求设计制作专用叶轮及电机。

Comprehensive performance laboratory with different kinds of dynamic balancing machines and matching detection equipment ensured every Airvent Tangential Cross Blower to meet requests of quality, performance and safety asked by clients.

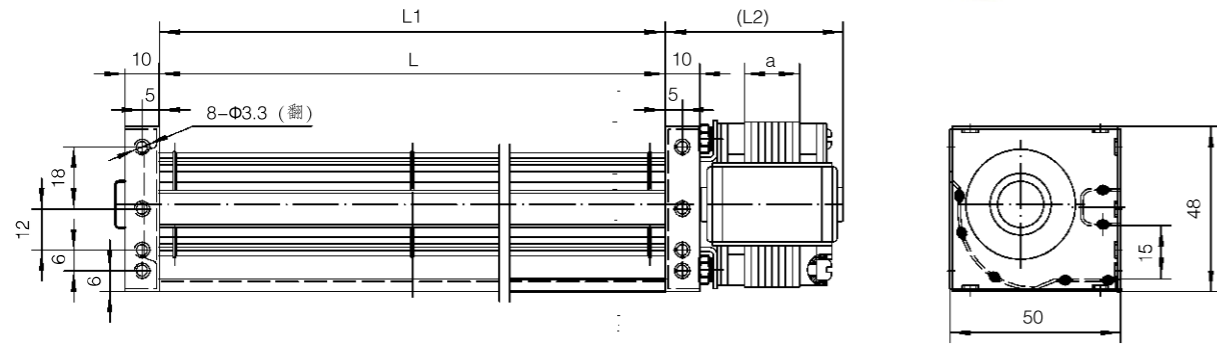
Good partnership with many famous Chinese universities helps Airvent in R&D, key design and advanced manufacturing technology, we can design and produce special pellets and motor as customer requests to have customized Tangential Cross Blower.



贯流风机30系列

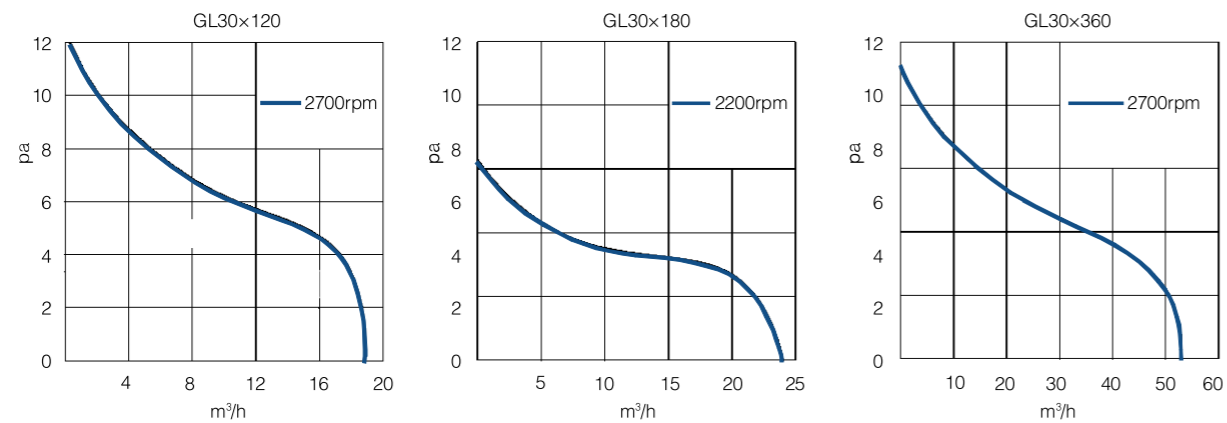
Tangential Blower TBM30 Series

Data



技术参数 / Technology Parameters

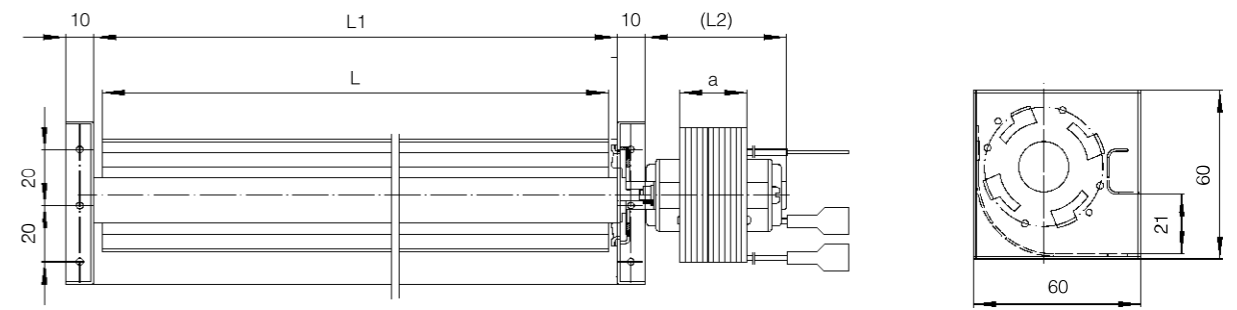
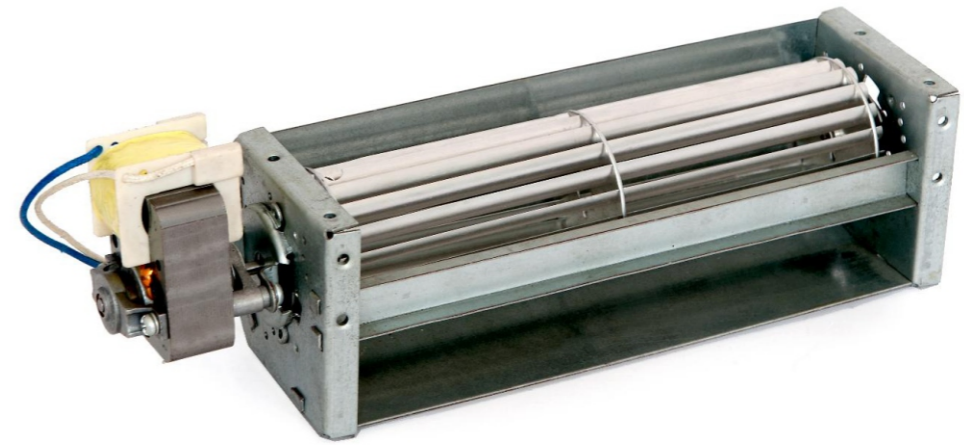
型号 Model	尺寸Dim(mm)				电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m ³ /h	噪音 Noise dB(A)
	L	L1	L2	a							
TBM-30-120	120	120	46	10	220	50	21	2700	2.7	18	40
TBM-30-180	180	180	46	10	220	50	15	2200	2.4	24	41
TBM-30-240	240	240	51	16	220	50	15	1940	2.1	28	43
TBM-30-300	300	300	55	20	220	50	20	2700	2.7	45	44
TBM-30-360	360	360	55	20	220	50	21	2700	2.7	53	46



贯流风机40系列

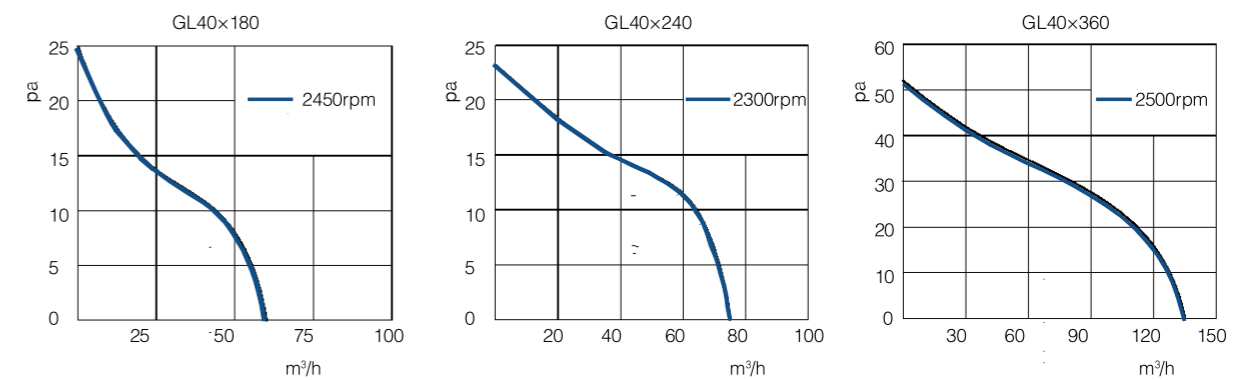
Tangential Blower TBM40 Series

Data



技术参数 / Technology Parameters

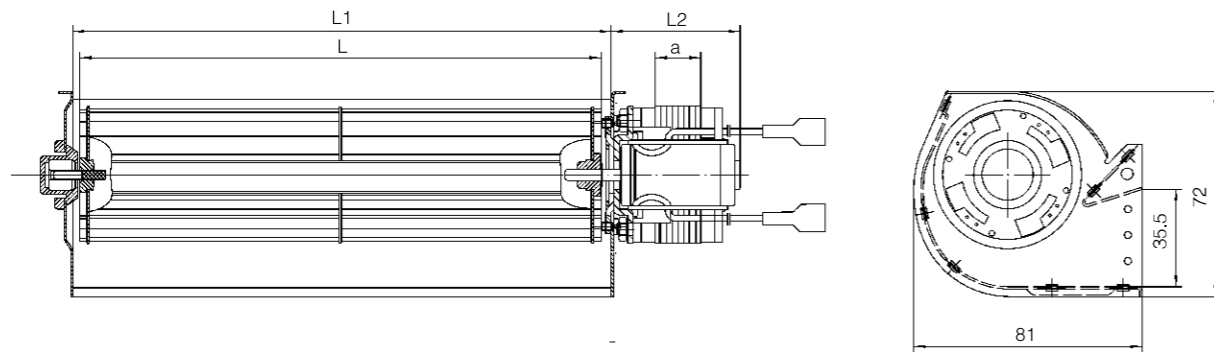
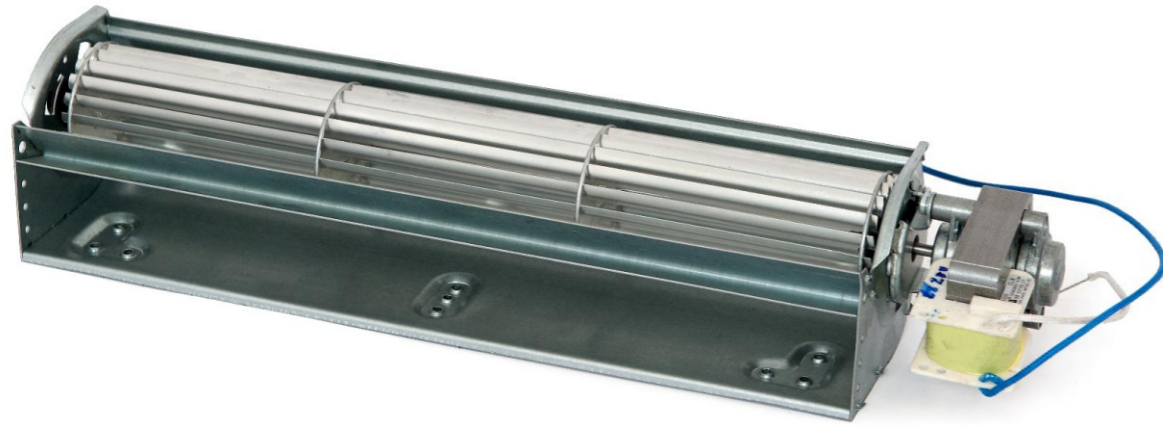
型号 Model	尺寸Dim(mm)				电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m ³ /h	噪音 Noise dB(A)
	L	L1	L2	a							
TBM-40-120	120	128	40	16	220	50	8	2560	5.0	45	41
TBM-40-180	180	188	40	16	220	50	11	2450	4.7	65	43
TBM-40-240	240	248	40	16	220	50	13	2300	4.0	75	43
TBM-40-300	300	308	51	25	220	50	16	2500	4.8	110	48
TBM-40-360	360	368	51	25	220	50	20	2500	4.8	135	53



贯流风机45系列

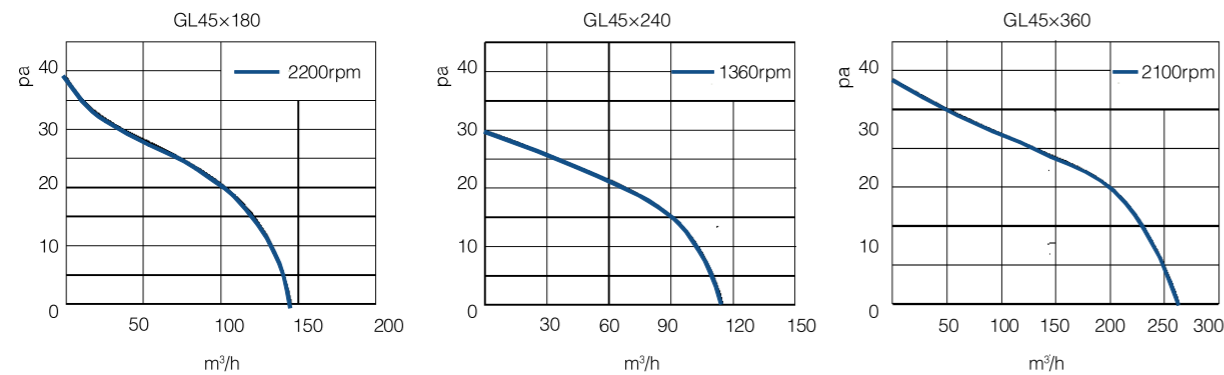
Tangential Blower TBM45 Series

Data



技术参数 / Technology Parameters

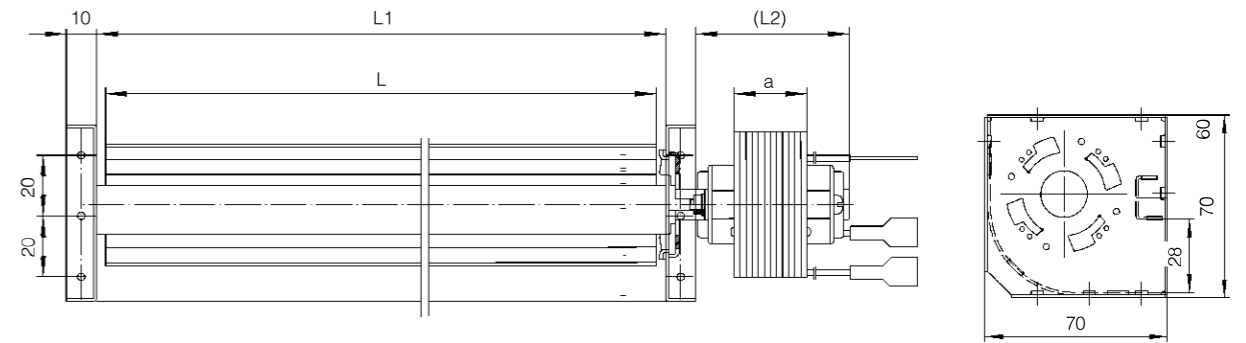
型号 Model	尺寸Dim(mm)				电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m ³ /h	噪音 Noise dB(A)
	L	L1	L2	a							
TBM-45-120	120	126	45	16	220	50	13	2200	6.2	90	45
TBM-45-180	180	186	45	16	220	50	21	2200	6.2	145	48
TBM-45-240	240	246	45	16	220	50	18	1360	3.9	115	48
TBM-45-300	300	306	54	20	220	50	26	1750	4.8	180	53
TBM-45-360	360	366	54	20	220	50	42	2100	5.7	260	58



贯流风机50系列

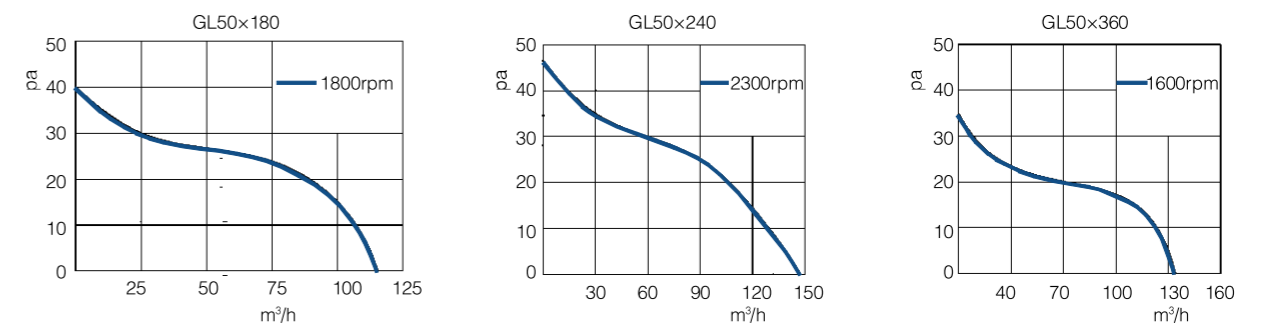
Tangential Blower TBM50 Series

Data



技术参数 / Technology Parameters

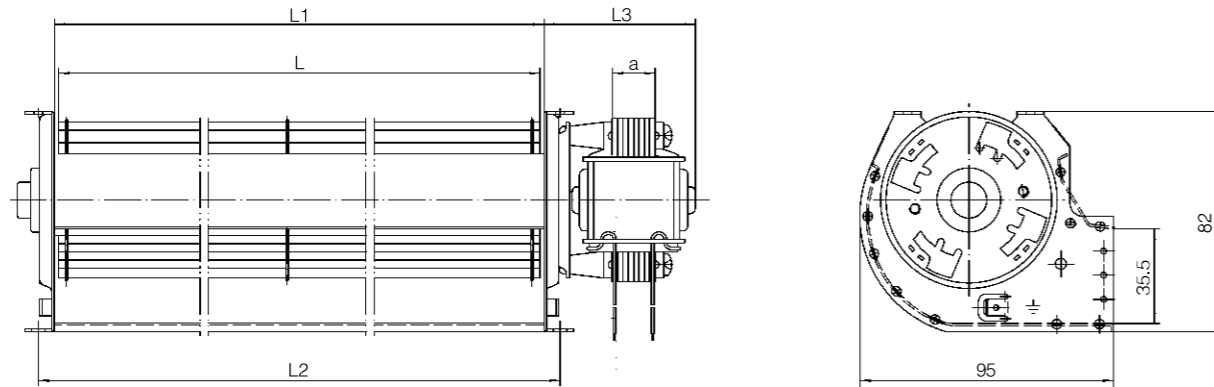
型号 Model	尺寸Dim(mm)				电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m ³ /h	噪音 Noise dB(A)
	L	L1	L2	a							
TBM-50-120	120	130	40	16	220	50	13	2500	6.5	80	42
TBM-50-180	180	190	40	16	220	50	18	2400	6.3	115	43
TBM-50-240	240	250	40	16	220	50	20	2300	6.0	145	44
TBM-50-300	300	310	51	25	220	50	22	1800	5.1	155	50
TBM-50-360	360	370	51	25	220	50	24	1600	4.4	165	52



贯流风机60系列

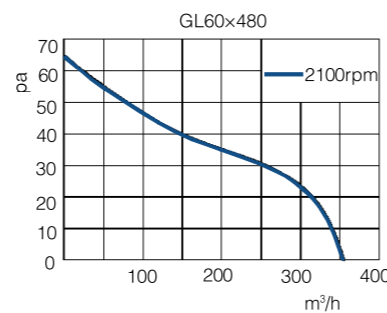
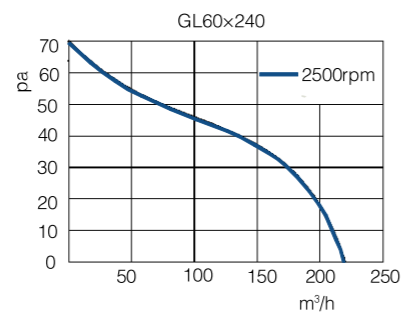
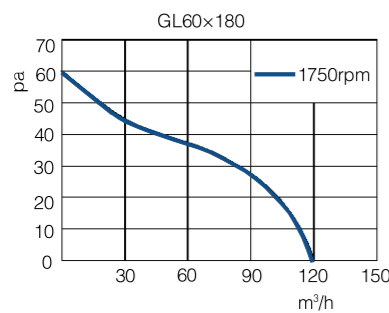
Tangential Blower TBM60 Series

Data



技术参数 / Technology Parameters

型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-60-120	120	123	135	56	16	220	50	20	2600	7.4	110	55
TBM-60-180	180	183	195	56	16	220	50	21	1750	5.3	120	50
TBM-60-240	240	243	255	60	20	220	50	40	2500	7.2	220	52
TBM-60-300	300	303	315	60	20	220	50	51	2700	7.7	290	60
TBM-60-360	360	363	375	68	30	220	50	35	1450	4.1	185	45
TBM-60-420	420	423	435	68	30	220	50	55	2300	6.5	340	54
TBM-60-480	480	483	495	80	40	220	50	56	2100	5.9	355	53

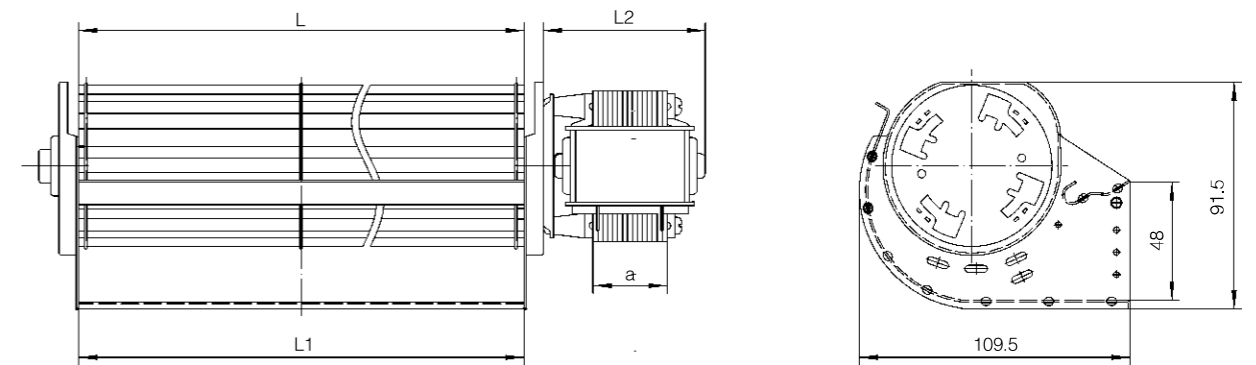


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贯流风机65系列

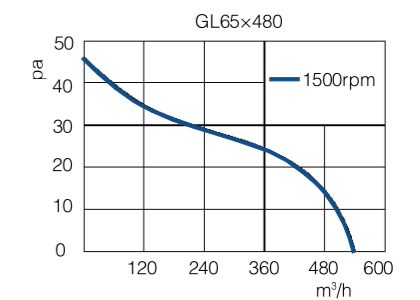
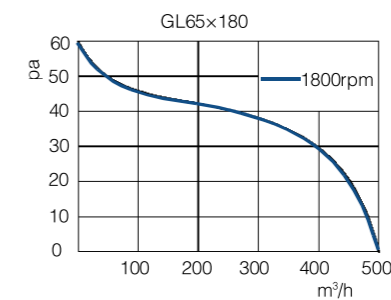
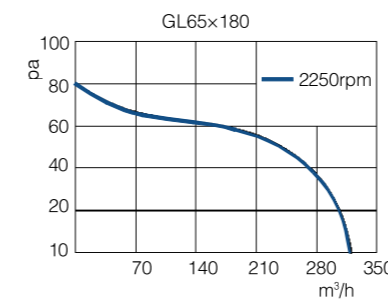
Tangential Blower TBM65 Series

Data



技术参数 / Technology Parameters

型号 Model	尺寸Dim(mm)				电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	a							
TBM-65-120	120	120	56	16	220	50	24	2200	10.1	210	50
TBM-65-180	180	180	56	16	220	50	43	2250	10.3	320	54
TBM-65-240	240	240	60	20	220	50	50	2180	9.8	410	55
TBM-65-300	300	300	60	20	220	50	56	2000	9.0	465	54
TBM-65-360	360	360	68	30	220	50	60	1800	8.1	500	53
TBM-65-420	420	420	68	30	220	50	60	1600	7.0	505	54
TBM-65-480	480	480	80	40	220	50	65	1500	6.5	540	55

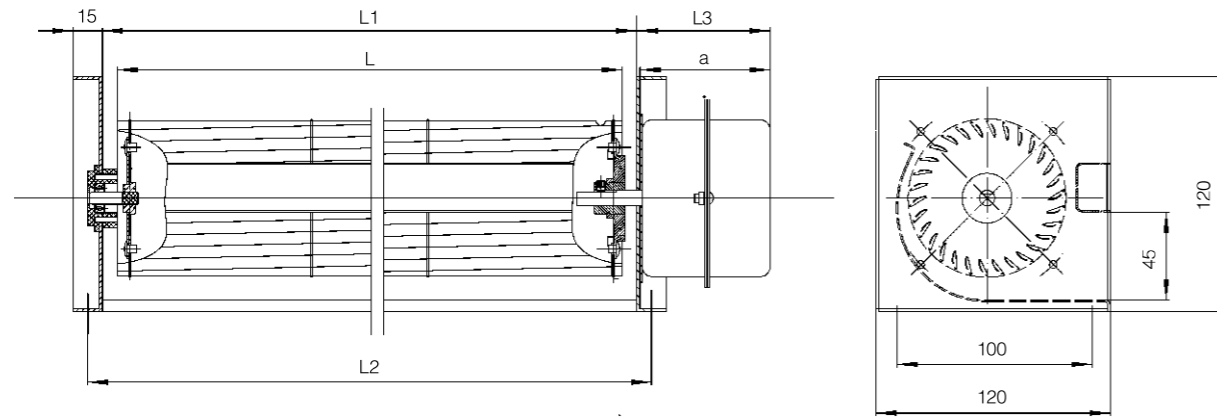


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贯流风机80系列

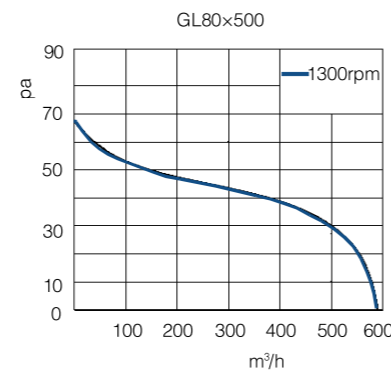
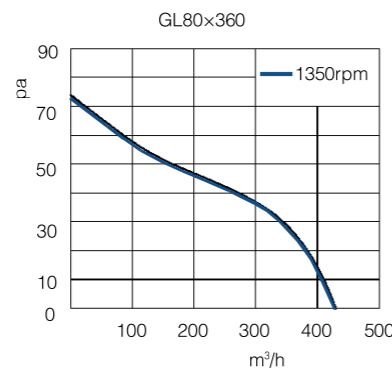
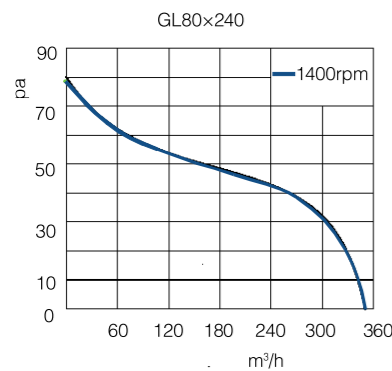
Tangential Blower TBM80 Series

Data



技术参数 / Technology Parameters

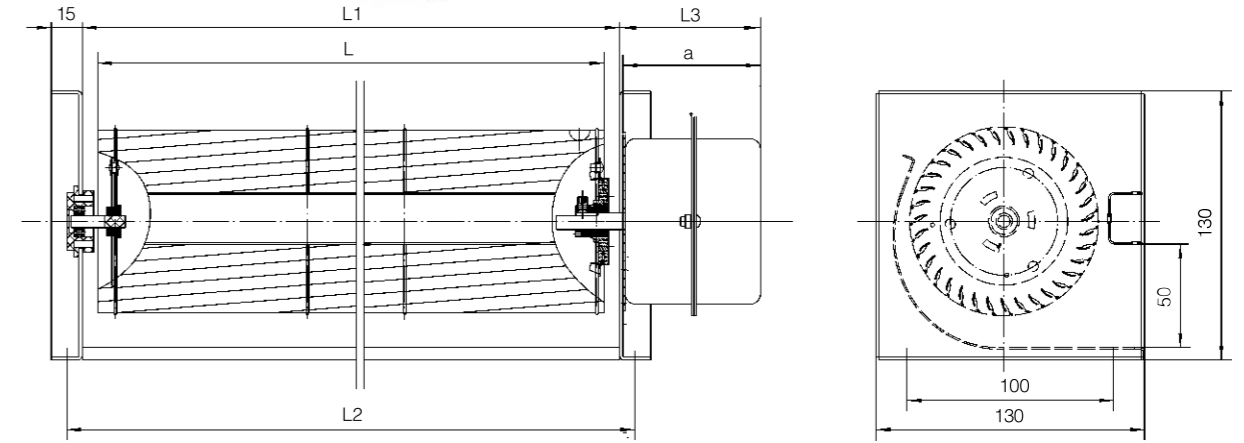
型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-80-150	150	165	180	70.5	69.2	220	50	15	1440	7.4	190	55
TBM-80-240	280	295	310	70.5	69.2	220	50	24	1440	7.3	350	57
TBM-80-360	360	375	390	70.5	69.2	220	50	28	1350	7.1	430	58
TBM-80-500	500	515	530	70.5	69.2	220	50	36	1300	7.0	390	60
TBM-80-650	650	665	680	70.5	69.2	220	50	48	1250	6.8	750	61



贯流风机90系列

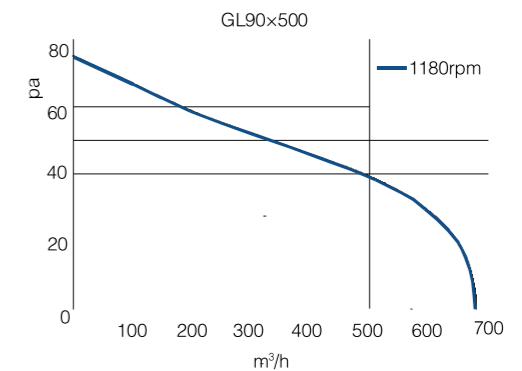
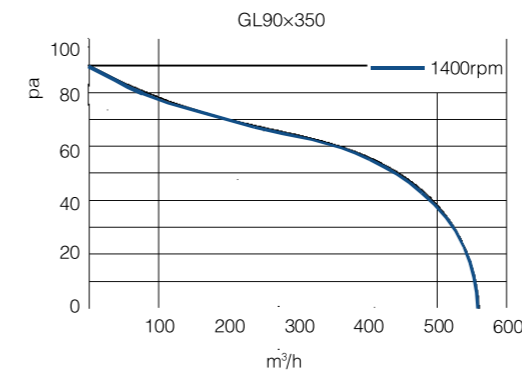
Tangential Blower TBM90 Series

Data



技术参数 / Technology Parameters

型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-90-180	180	196	211	70.5	69.2	220	50	20	1440	8.5	290	54
TBM-90-350	350	366	381	70.5	69.2	220	50	40	1440	8.5	560	57
TBM-90-500	500	515	530	70.5	69.2	220	50	45	1180	7.2	675	61
TBM-90-650	650	665	680	70.5	69.2	220	50	55	1200	7.1	870	63



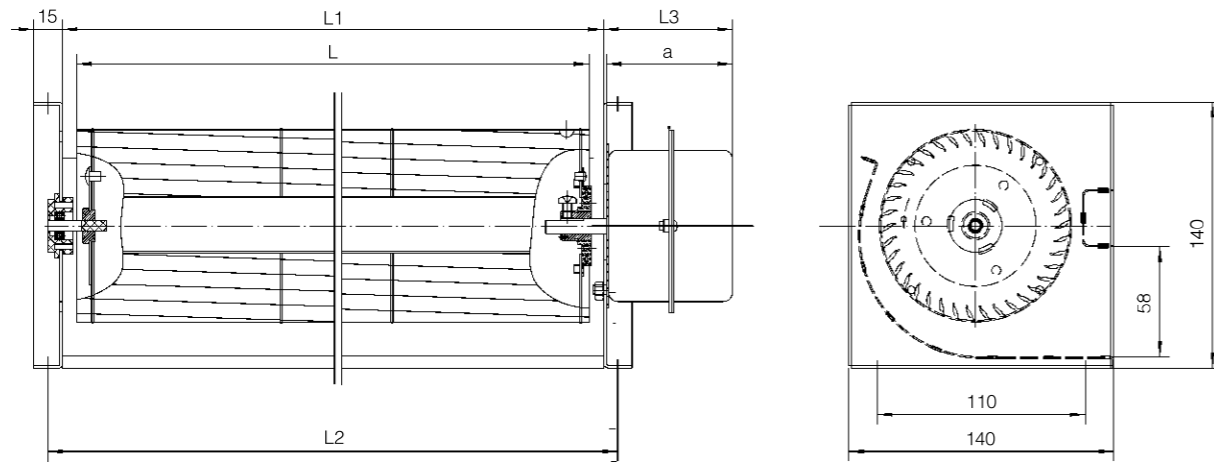
Company Profile
TBM30
TBM40
TBM45
TBM50
TBM60
TBM65
TBM80
TBM90
TBM100
TBM110
TBM120
TBM150
TBM60-2
Small & Tall Series

Company Profile
TBM30
TBM40
TBM45
TBM50
TBM60
TBM65
TBM80
TBM90
TBM100
TBM110
TBM120
TBM150
TBM60-2
Small & Tall Series

贯流风机100系列

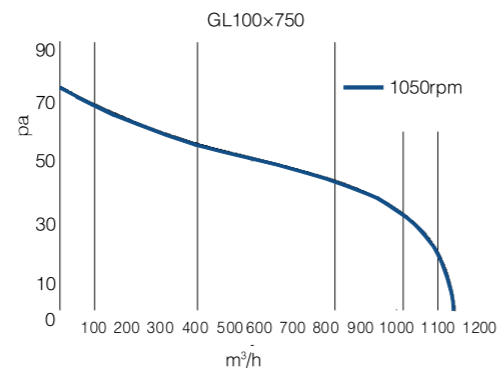
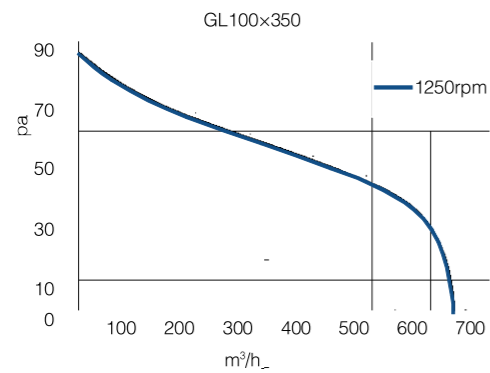
Tangential Blower TBM100 Series

Data



技术参数 / Technology Parameters

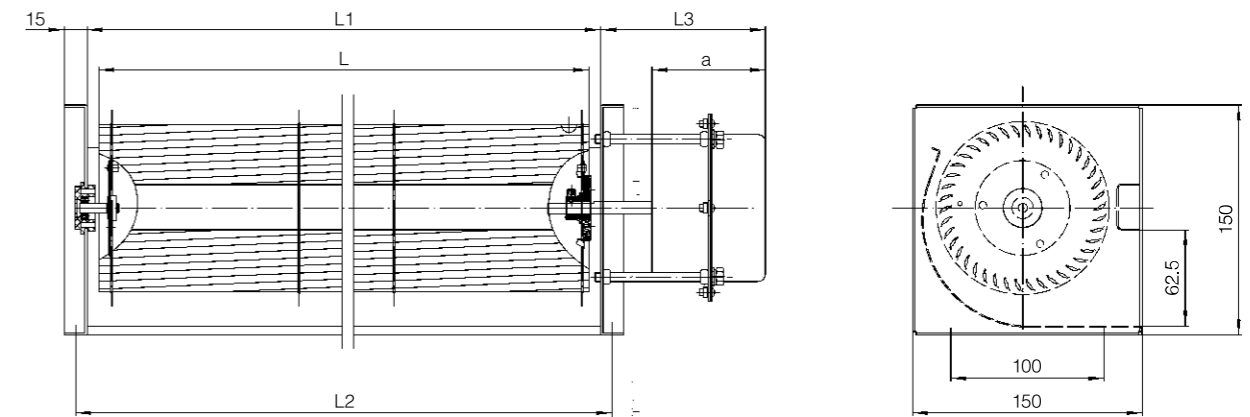
型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-100-180	180	195	210	70.5	69.2	220	50	22	1350	9	340	54
TBM-100-350	350	365	380	70.5	69.2	220	50	40	1250	8.4	640	57
TBM-100-500	500	515	530	70.5	69.2	220	50	50	1200	8.2	890	61
TBM-100-750	750	765	780	70.5	69.2	220	50	60	1050	7.0	1150	63



贯流风机110系列

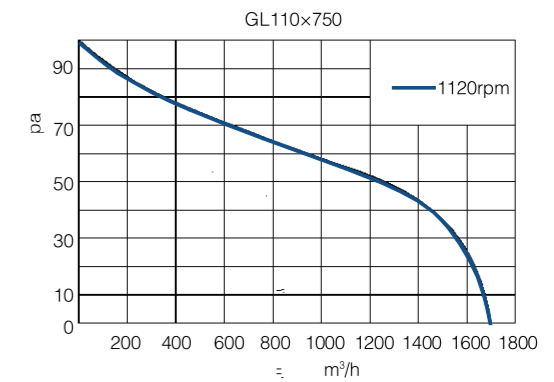
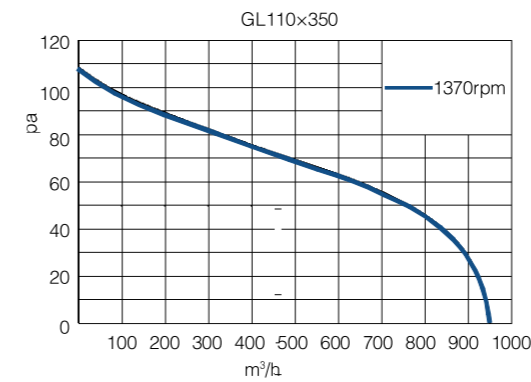
Tangential Blower TBM110 Series

Data



技术参数 / Technology Parameters

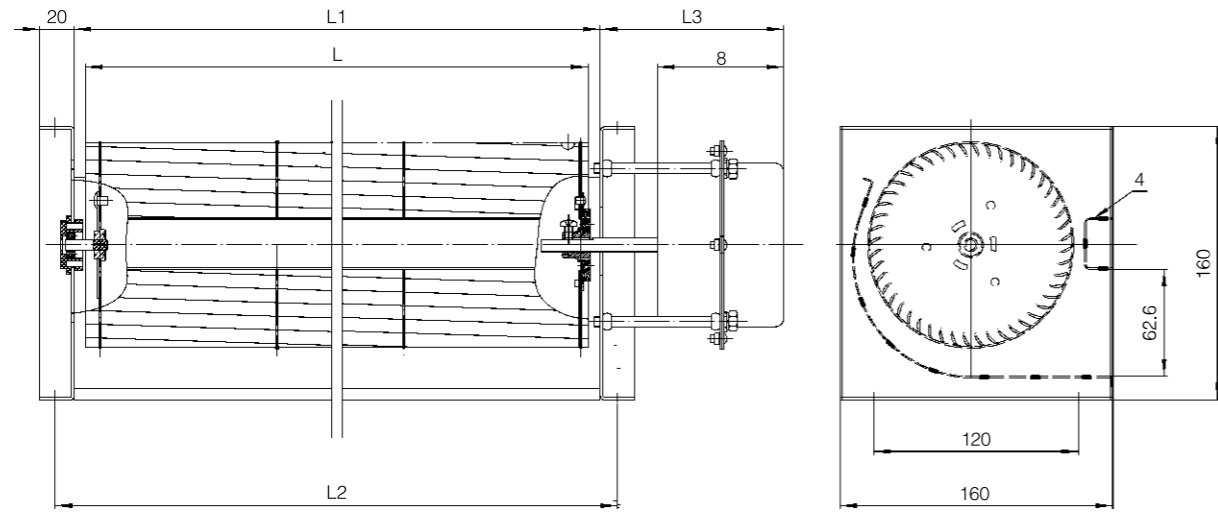
型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-110-180	180	195	210	108	75	220	50	45	1450	12.8	520	55
TBM-110-350	350	365	380	108	75	220	50	70	1370	12	950	57
TBM-110-500	500	515	530	108	75	220	50	100	1250	11.1	1250	62
TBM-110-750	750	765	780	108	75	220	50	120	1120	10	1700	64



贯流风机120系列

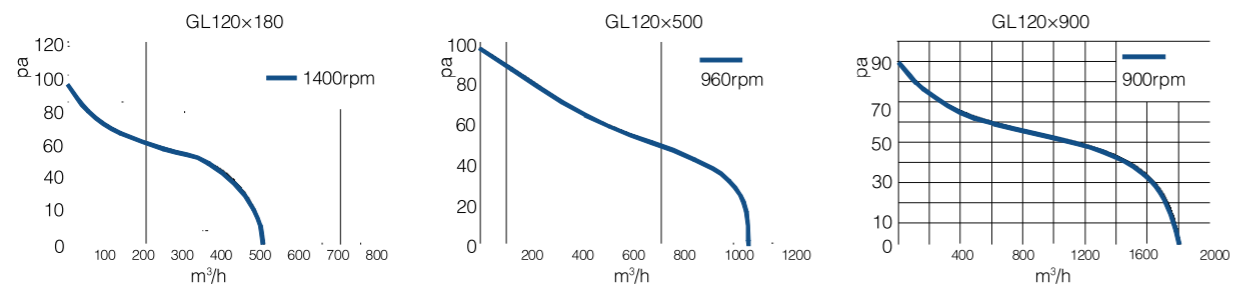
Tangential Blower TBM120 Series

Data



技术参数 / Technology Parameters

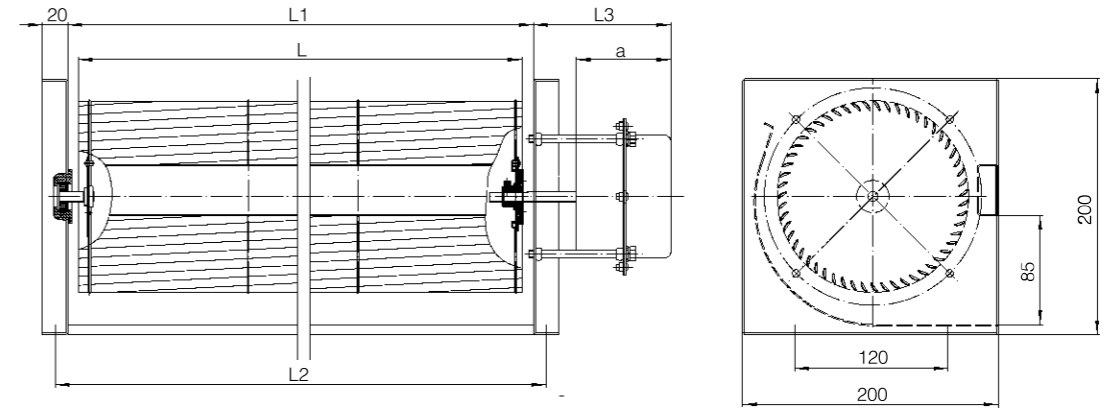
型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-120-180	180	195	195	108	75	220	50	40	1400	12.4	502	58
TBM-120-350	350	365	365	108	75	220	50	60	1330	12.3	968	62
TBM-120-500	500	515	515	108	75	220	50	60	960	9.2	1055	63
TBM-120-700	700	715	715	108	75	220	50	60	960	9.2	1449	65
TBM-120-900	900	915	915	108	75	220	50	60	900	9	1822	67



贯流风机150系列

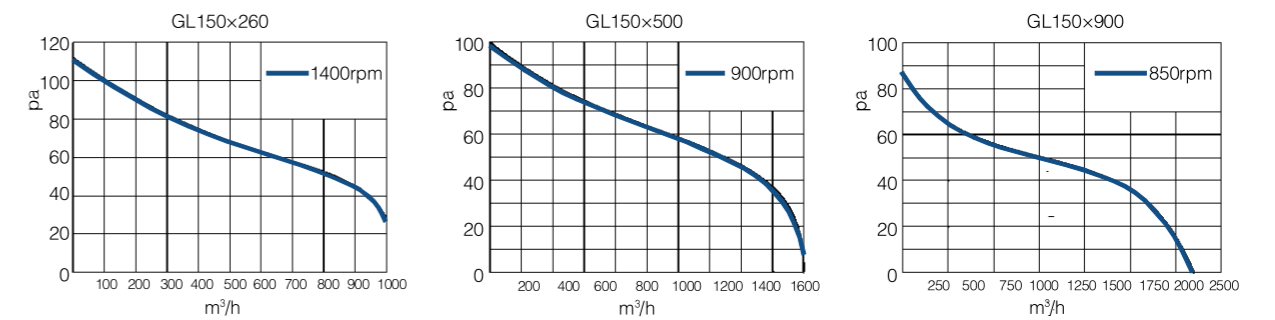
Tangential Blower TBM150 Series

Data



技术参数 / Technology Parameters

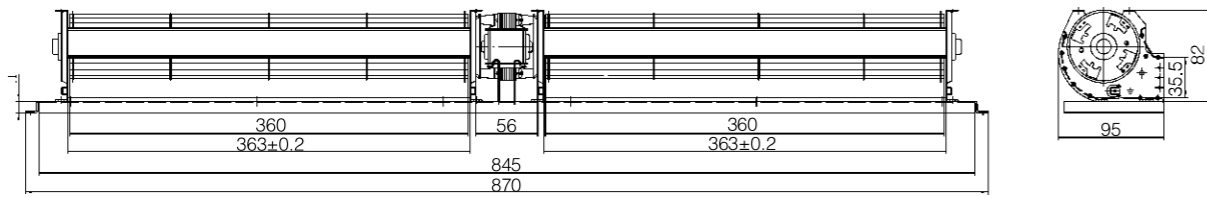
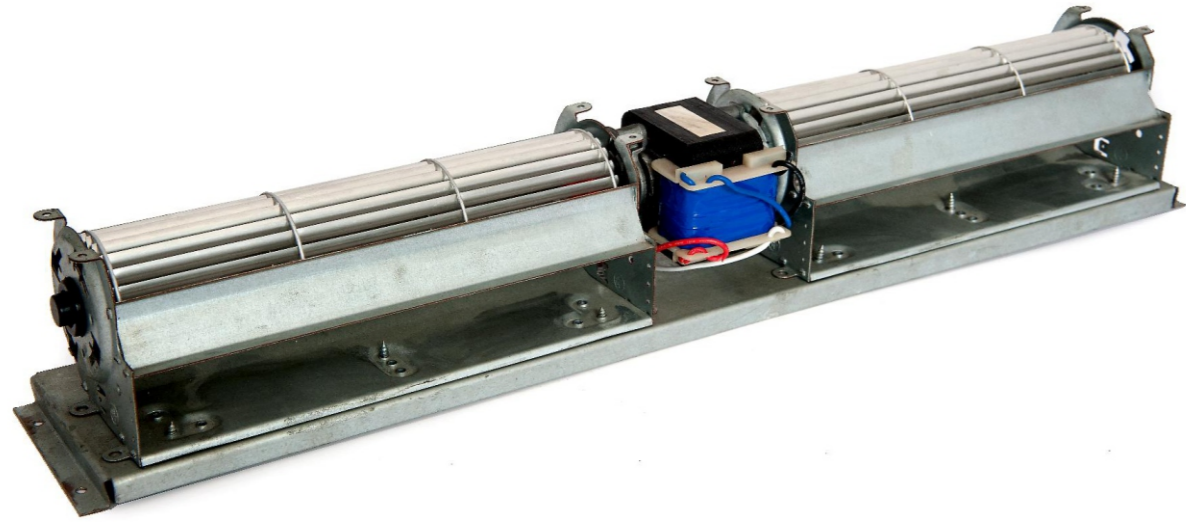
型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-150-260	260	270	298	108	75	220	50	90	1150	13.5	1050	62
TBM-150-350	350	368	388	108	75	220	50	120	1100	13.4	1430	63
TBM-150-500	500	518	538	108	75	220	50	160	1000	13.1	2000	65
TBM-150-700	700	718	732	112	78	220	50	220	1000	13.1	2800	68
TBM-150-900	900	918	938	125	90	220	50	280	900	11.7	3200	71
TBM-150-1200	1200	1215	1235	200	150	220	50	330	860	11.5	4200	75



贯流风机60-2系列

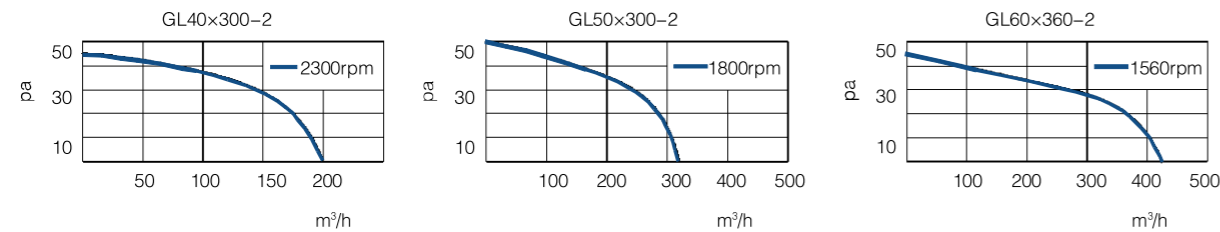
Tangential Blower TBM60-2 Series

Data



技术参数 / Technology Parameters

型号 Model	尺寸Dim(mm)					电压 Volt V	频率 Freq Hz	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)
	L	L1	L2	L3	a							
TBM-40-300-2	300	308	735	760	21	220	50	28	2300	4.0	200	46
TBM-50-300-2	300	308	735	760	28	220	50	45	1800	5.1	320	52
TBM-60-180-2	180	183	485	510	35.5	220	50	35	1730	5.1	235	52
TBM-60-360-2	360	363	845	870	35.5	220	50	55	1560	4.6	420	55

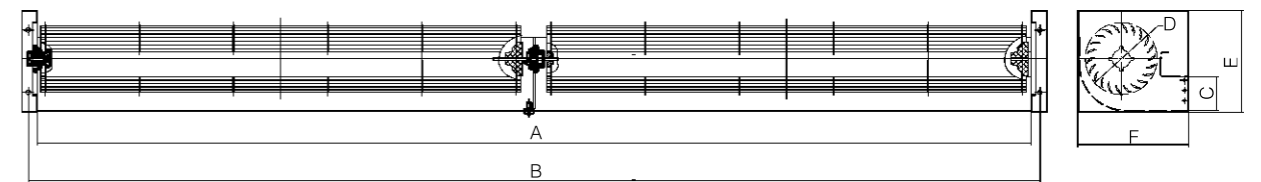


AC/DC SERIES

贯流风机超细长系列

Tangential Blower slim&tall Series

Data



技术参数 / Technology Parameters

型号 Model	尺寸Dim(mm)						电压 Volt V	功率 Power W	转速 Speed rpm	风速 Velocity m/s	风量 Airflow m³/h	噪音 Noise dB(A)	备注 Mark
	A	B	C	D	E	F							
TBM-30-300-X	800	810	17.5	30	48	50	24	5	1700	1.9	95	45	风机最长长度2000mm, 可按客户要求定制
TBM-40-300-X	800	810	21	40	60	60	12	4	1050	1.7	100	45	Fan the longest length reach 2000mm, can produce as customer demands
TBM-50-180-X	800	810	28	50	70	70	12	4	710	1.6	130	43	
TBM-60-800-X	800	816	29.5	60	90	98	12	15	1380	3.9	330	52	

