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LKZ系列离心式空调风机技术手册 The LKZ Series Centrifugal Fan



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ZHEJIANG LION KING VENTILATOR CO., LTD.

企业理念

Qualification Certificate

诚信立足，创新发展，共赢致远……

Based on Honesty, Innovation to Promote Development, Mutual Benefits Lead to Great Future

诚信是莱恩克公司的立身之本。莱恩克一贯奉行全方位的诚信理念，倡导企业管理层、员工诚信经营、诚信服务，倡导同社会、客户、合作伙伴和谐发展，为铸造百年企业打下扎实根基。

创新是莱恩克公司的活力之源。公司大力倡导创新精神，积极营造尊重劳动、尊重知识、尊重人才、尊重创造的良好氛围，在实践中不断推进体制、机制、科技、产品等创新活动，为社会提供更优质的产品和服务。

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Honesty is the foundation of LION KING. We consistently pursue good faith as our principle. We advocate our managers and employees operating honestly, and we advocate to develop with society, customers and partners in harmony to make our company to exist more than one hundred years.

Innovation is the source of vitality of LION KING. We advocate innovation, and actively create good atmosphere for innovation, such as respecting talents, respecting knowledge, respecting hardworking, respecting creation. And in practice, we continue to promote innovation of our system, mechanism, technologies and products.

Mutual benefits are the way to lead us to a great future. With honest attitude, pragmatic work style and innovative thinking, we'll try our best to achieve multi-win situation for our company, employees, customers, partners and the society, which will help us for a long-time sustainable development.

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概述

LKZ系列离心式空调风机是基于LKT系列风机基础上，参照国际同类产品先进技术自行开发的低噪声风机。额定流量从 $800\text{m}^3/\text{h}$ - $5000\text{m}^3/\text{h}$ 采用单相电机直联传动，具有效率高、噪声低、调速方便、结构紧凑等特点，是变风量空调器、管道式空调机组、VAV系统及其暖通空调、净化设备理想的配套产品。

Summary

LKZ series centrifugal air-conditioning fans are based on LKT series, which are newly developed and manufactured products with internationally advanced by this company. It was developed by using high technology and with low noise and compact structure. It was specially designed for the air-conditioning. The flow rate and total pressure range of this series fan are from $800\text{m}^3/\text{h}$ to $5000\text{m}^3/\text{h}$. It is the ideal equipment for the changeable air conditioners, tube type units, VAV system, heating and other kind of fan system.

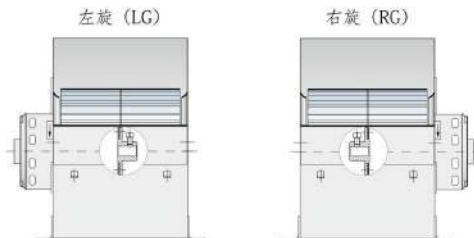
命名方式



产品形式

1. 旋向

通风机的旋转方向，可分为顺时针旋转（右旋）和逆时针旋转（左旋）二种。顺时针旋转（右旋），从轴套端看，叶轮旋转方向与时针旋转方向一致。逆时针旋转（左旋），从轴套端看，叶轮旋转方向与时针旋转方向相反。



Product Features

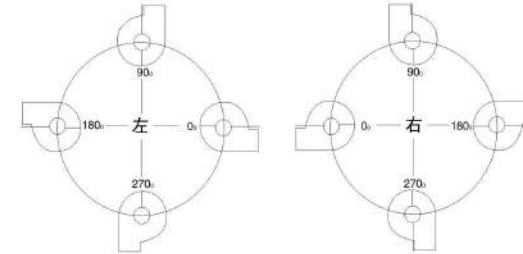
1. Rotation Direction

The rotation direction of the fan can be divided into clockwise rotation (R) and counterclockwise rotation (L). Clockwise rotation (R): From the sleeve side, the Wheel rotation direction is the same as the clockwise direction of rotation. Counterclockwise rotation (L): From the sleeve side, the Wheel rotation direction is opposite to the clockwise direction of rotation.

2. 出风口方向

LKZ系列风机可按图1所示制成0°、90°、180°、270°四种出风方向

图1 (Fig 1)



2. Discharge Direction

According to Fig1, LKZ Series fans can be made in four air-outlet directions: 0° 90° 180° and 270°

产品结构

LKZ系列风机主要由机壳、叶轮、支板、电机四部分组成

1. 机壳

机壳采用热镀锌钢板制造，侧板具有符合空气动力学的外形，进风口整体拉伸成型，蜗板采用点焊方式与侧板连成一体。在侧板上预设一系列的铆螺母孔，以便按照用户要求的出风口方向进行安装。

2. 叶轮

前向多翼叶轮采用优质热镀锌板钢板制成，叶片设计成符合空气动力学的特定形状，使得效率最高，噪声最低。叶片用铆爪固定在中盘及端圈上，在最大功率连续运转时，叶轮将具备足够的刚度。所有叶轮进行静平衡和动平衡测试，内控精度达到G2.5级

(ANSI/AMCA-204)。

3. 支板

支板采用优质镀锌板制成，独特加强工艺保证足够的强度，支板安装角度或根据用户的不同需求进行调整。

4. 电机

LKZ系列风机配用单相220V/50HZ三速电机，该电机具有调速灵活、安装方便等特点。可采用可控硅调压器及变频器等手段进行无级调速。

Construction of Product

LKZ series ventilators consists of housing, Wheel, baseplate and motor.

1. Housing

The housing is made of hot galvanized steel sheet. The side plates include inlets cones that are designed with the best aerodynamics for inlet condition. The scroll is fixed to the side plates by spot welding. On the side of the housing there are a series of holes drilled in advance for riveting nuts to carry out installation according to air outlet direction needed by the customer.

2. Wheel

Forward curved Wheel is constructed of high-grade hot galvanized steel sheet with the advanced aerodynamics profile to achieve the highest efficiency and the lowest noise level. The Wheel is fixed on the center plate and on the end ring with riveting grippes. The Wheel is constructed with maximum strength that endures the continuous operation with maximum power. All Wheels are balanced to the ANSI/AMCA 204 Notional Standard, company internal standard is G2.5 or higher for wheel balancing.

3. Frame

LKZ series fan baseplates are made of high-quality galvanized steel sheet, which can be assembled with the direction by the customer demand.

4. Motor

LKZ series fans are equipped with single-phase 220V/50HZ three speeds motors, which are flexible to change speed and easy to install. Speed can be changed by using provided silicon controlled voltage regulator and frequency converter.



5. 法兰

法兰采用优质热镀锌钢板制造，法兰与壳体的连接采用TOX免焊工艺，外观精美并具有一定的刚度和强度。法兰口尺寸型式参照图2所示。

5. Flange

The flange is made of galvanized steel. The connections of the flange components to the scroll are made using a TOX non-welding process. This maintains a good flange appearance while also providing sufficient strength and rigidity. The dimensions and type of flange are shown in Fig2.

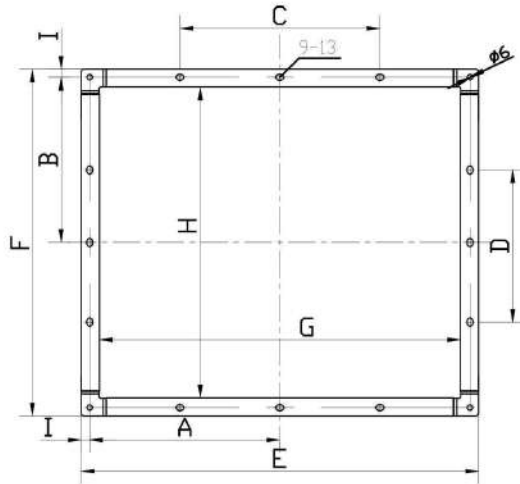


图 2 (Fig 2)

型号Type	LKZ6-3 I	LKZ7-5 II	LKZ7-7 I	LKZ8-8 I	LKZ9-7 I	LKZ9-9 I	LKZ10-8 I	LKZ10-10 I	LKZ10-10 II	LKZ12-9 I	LKZ12-12 I
A		101.5	128.5	153.5	126	159	147.5	180.5	182	169.5	212.5
B		100	124	138	141	141	159.5	159.5	158.5	185.5	185.5
C		-	-	-	-	-	-	-	-	123	148
D		-	-	-	-	-	-	-	-	138	138
E		223	277	327	272	338	321	387	390	365	451
F		220	268	296	302	302	345	345	343	397	397
G		183	237	287	232	298	265	331	334	309	395
H		180	228	256	262	262	289	289	287	341	341
I		10	10	10	10	10	13	13	13	13	13

注：表格和外形尺寸单位为mm。

Note: the size unit in the form and overall size are mm.

说明

1. 风机配用电机功率是指在特定工况下，内功率加上电机容量安全系数而言，并非出风口全开时所需的功率，因此为防止电机因超功率运转而烧毁，严禁风机未加任何外界阻力进行空运转。
2. 样本中的风机性能是选用电机额定转速测试的结果，我们亦可通过改变电机的转速达到用户实际的需求。
3. 风机在运输、装卸过程中应小心轻放，严禁撞击挤压，严禁堆放于潮湿或有腐蚀性的场合。
4. 风机安装前应手拨动叶轮，检查是否有过紧或碰撞现象，确认没有这些现象后方可进行试运转。
5. 风管与风机进风口、出风口之间连接时应尽量采用软连接，接头不得拉得过紧。
6. 风机安装后应检查机壳和其他壳体内部，不应遗留的工具和杂物。
7. 风机正式运转前，需检查叶轮的转向是否符合侧板上的转向标记。
8. 订货时需注明风机型号、配用电机型号、风机的风量、风压等参数。

Instructions

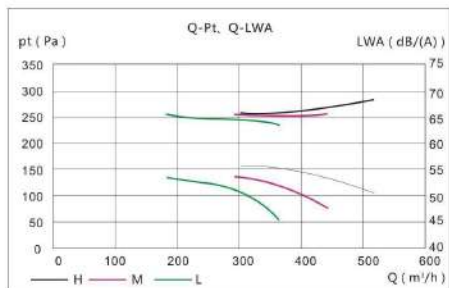
- 1) The rated motor power as calculated herein might not be sufficient to drive the fan with an unrestricted discharge flow. Operating the fan with an unrestricted discharge outlet will result in flow rate that exceeds the specified fan capabilities. Such operation will quickly burn the motor and damage the fan. Great care must be taken in operating the fan to make sure that the maximum rated flows, as provided on the performance charts in this catalog, are not exceeded.
 - 2) The fan performance in the catalog is tested under the motor rated speed, we can meet the actual requirement of the user by changing the motor speed.
 - 3) Special care should be taken during transportation, load and unload.
- The fan is limited for use in areas where air substances are non-corrosive, non-toxics and non-erosive.
- 4) Following the installation, the Wheel should be turned by hand or with the use of a wrench to make sure that it turns freely without colliding with other parts of the fan. Once all this is done, the fan can be commissioned normally.
 - 5) A flexible connector should be used between the fan out let flange and its mating ductwork. The flex connector should not be over-stretched.
 - 6) The inside of the scroll and casing need to be checked to make sure that there are no foreign objects inside the housing, such as tools or loose parts.
 - 7) The rotational directions of the motor and should be checked to ensure that they are in compliance with the specification and purchase orders.
 - 8) During ordering it is necessary to state the type of fan, motor type, air flow, air pressure and other parameters.





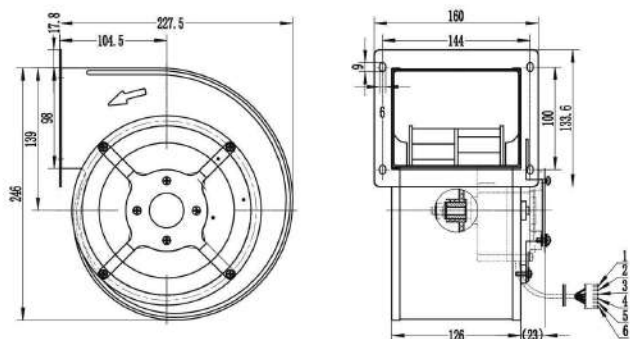
技术参数 Technical Data

LKZ 6-3 I 40w-4P



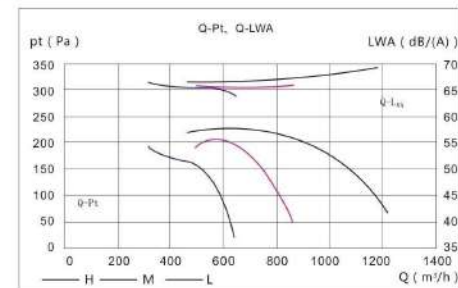
Type: LKZ6-3I	Pn : 40W-4P				U : 220V				
	In : 0.45A				F : 50Hz				
	IP : IP20				m : 6.2Kg				
1/1倍频(H)									
63 Hz	44.9	44.6	45.5	44.0	43.4	43.2	43.0	43.5	43.4
125 Hz	51.1	50.8	51.7	50.2	49.6	49.4	49.2	49.7	49.6
250 Hz	58.5	57.6	58.8	58.1	57.7	57.6	58.0	58.4	58.5
500 Hz	57.3	56.5	57.0	56.6	56.9	57.0	57.2	58.1	59.1
1K Hz	60.5	60.1	60.8	60.6	60.8	61.6	62.3	62.2	63.2
2K Hz	57.2	57.3	57.8	58.0	58.4	59.6	60.9	59.7	60.7
4K Hz	56.1	56.5	57.0	57.3	58.1	59.0	59.9	59.8	61.2
8K Hz	54.7	54.8	55.0	55.0	55.7	55.6	55.8	56.3	56.7
Lwa dB(A)	65.7	65.4	66.1	65.8	66.1	66.7	67.4	67.3	68.2

外形及安装尺寸 Overall size



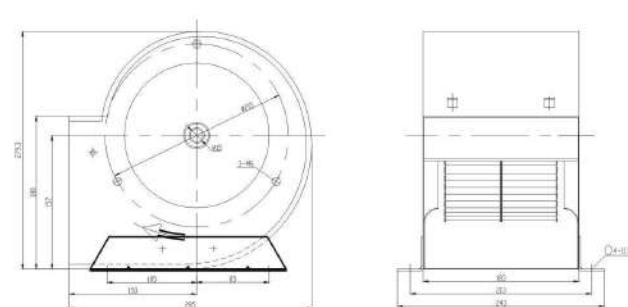
技术参数 Technical Data

LKZ 7-5 II 150w-4P



Type: LKZ7-5II	Pn : 150W-4P					U : 220V				
	In : 1.4A					F : 50Hz				
	IP : IP20					m : 8Kg				
1/1倍频(H)										
63 Hz	45.7	45.4	46.3	44.8	44.2	44.0	43.8	44.3	44.2	44.8
125 Hz	51.9	51.6	52.5	51.0	50.4	50.2	50.0	50.5	50.4	51.0
250 Hz	59.3	58.4	59.6	58.9	58.5	58.4	58.8	59.2	59.3	59.9
500 Hz	58.1	57.3	57.8	57.4	57.7	57.8	58.0	58.9	59.9	60.5
1K Hz	61.3	60.9	61.6	61.4	61.6	62.4	63.1	63.0	64.0	64.6
2K Hz	58.0	58.1	58.6	58.8	59.2	60.4	61.7	60.5	61.5	62.1
4K Hz	56.9	57.3	57.8	58.1	58.9	59.8	60.7	60.6	62.0	62.6
8K Hz	55.5	55.6	55.8	55.8	56.5	56.4	56.6	57.1	57.5	58.1
LWA dB(A)	66.5	66.2	66.9	66.6	66.9	67.5	68.2	68.1	69.0	69.6

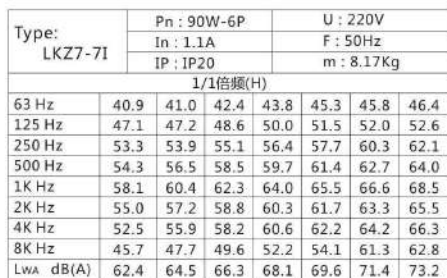
外形及安装尺寸 Overall size



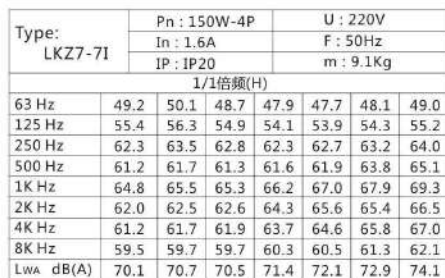


技术参数 Technical Data

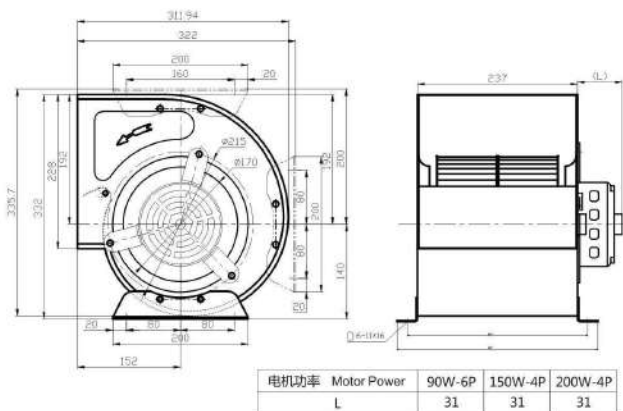
LKZ 7-7 I 90w-6P



LKZ 7-7 I 150w-4P



外形及安装尺寸 Overall size



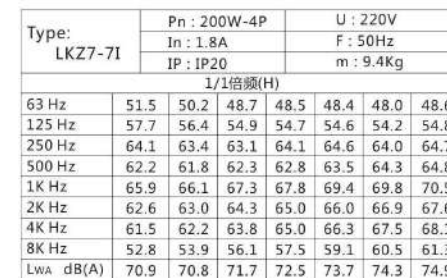
电机功率 Motor Power	90W-6P	150W-4P	200W-4P
L	31	31	31



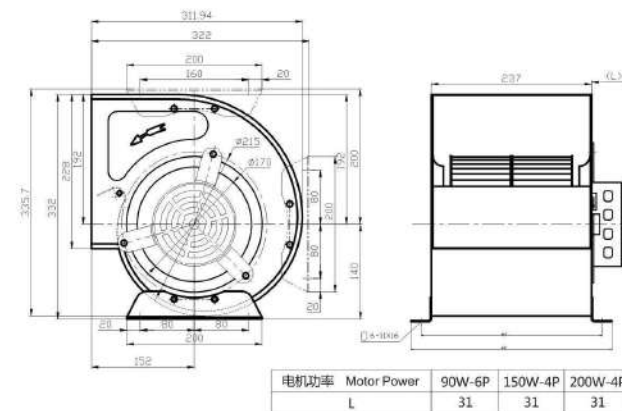
LKZ 7-71

技术参数 Technical Data

LKZ 7-7 I 200w-4P



外形及安装尺寸 Overall size

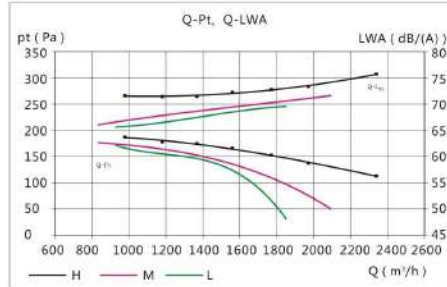


电机功率 Motor Power	90W-6P	150W-4P	200W-4P
L	31	31	31



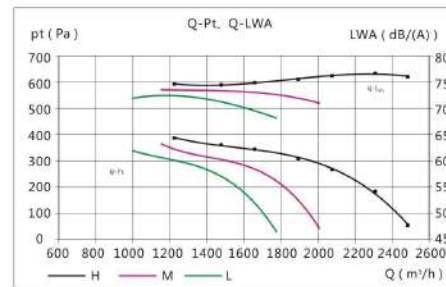
技术参数 Technical Data

LKZ 8-8 I 200w-6P



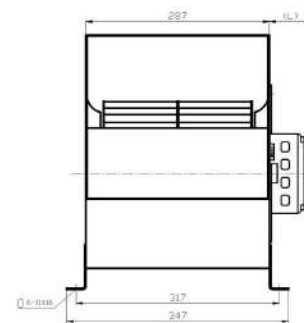
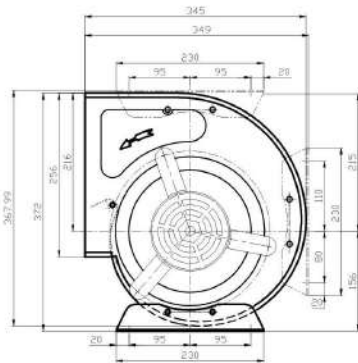
Type: LKZ8-8I	Pn : 200W-6P		U : 220V				
	In : 1.8A		F : 50Hz				
	IP : IP20		m : 14.1Kg				
1/1倍频(H)							
63 Hz	49.3	48.6	48.8	49.8	49.8	51.3	51.8
125 Hz	55.5	54.8	55.0	56.0	56.0	57.5	58.0
250 Hz	62.5	62.3	63.6	64.0	64.2	64.7	65.6
500 Hz	60.6	60.4	61.7	63.9	64.2	64.0	65.7
1K Hz	68.9	68.5	67.7	67.9	67.8	67.3	69.0
2K Hz	63.1	63.5	63.6	64.6	65.5	66.7	69.4
4K Hz	58.7	59.8	60.9	62.5	64.4	66.5	70.2
8K Hz	56.7	56.9	57.2	58.0	58.9	60.4	63.0
LWA dB(A)	71.6	71.4	71.5	72.3	72.8	73.3	75.7

LKZ 8-8 I 300w-4P



Type: LKZ8-8I	Pn : 300W-4P		U : 220V				
	In : 3.7A		F : 50Hz				
	IP : IP20		m : 13.5Kg				
1/1倍频(H)							
63 Hz	55.9	55.3	53.9	54.2	54.9	54.4	52.6
125 Hz	62.1	61.5	60.1	60.4	61.1	60.6	58.8
250 Hz	69.2	67.2	67.9	68.5	68.5	67.4	61.8
500 Hz	65.6	64.9	64.8	64.3	65.3	65.7	65.8
1K Hz	67.4	68.0	68.4	69.1	69.8	70.6	69.8
2K Hz	66.6	67.2	67.8	68.6	69.3	70.0	70.3
4K Hz	66.4	67.3	68.0	69.0	70.0	70.9	70.8
8K Hz	61.0	61.5	61.9	62.9	63.1	64.0	63.3
LWA dB(A)	74.7	74.5	74.9	75.6	76.2	76.7	76.1

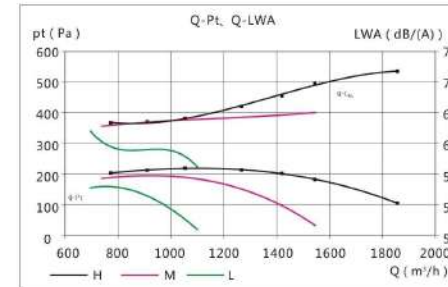
外形及安装尺寸 Overall size



电机功率 Motor Power	200W-6P	300W-4P
L	85	80

技术参数 Technical Data

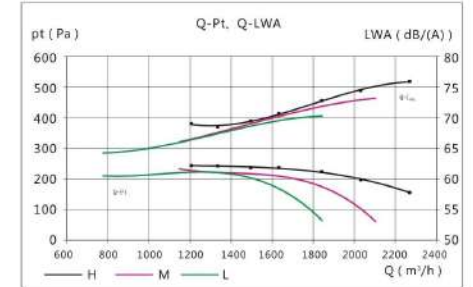
LKZ 9-7 I 150w-6P



Type: LKZ9-7I	Pn : 150W-6P				U : 220V			
	In : 1.4A				F : 50Hz			
	IP : IP20				m : 12.9Kg			
1/1倍频(H)								
63 Hz	45.4	44.6	43.4	43.4	45.8	47.8	49.9	51.9
125 Hz	51.6	50.8	49.6	49.6	52.0	54.0	56.1	58.1
250 Hz	58.1	58.1	58.1	59.0	59.3	61.8	61.8	61.8
500 Hz	57.1	57.0	57.7	59.1	60.6	62.1	63.5	63.5
1K Hz	58.9	59.5	59.9	61.4	62.9	64.1	65.6	65.6
2K Hz	57.4	57.3	57.9	59.7	61.1	62.4	64.2	64.2
4K Hz	54.2	54.7	55.9	58.7	60.6	62.5	64.6	64.6
8K Hz	44.2	45.6	46.4	48.8	51.2	53.7	57.1	57.1
LWA dB(A)	64.7	64.8	65.3	66.8	68.2	69.9	71.4	71.4

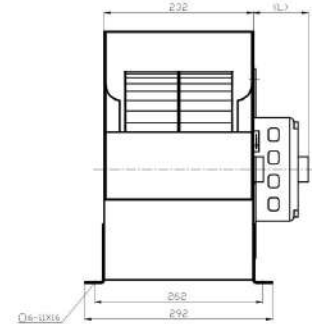
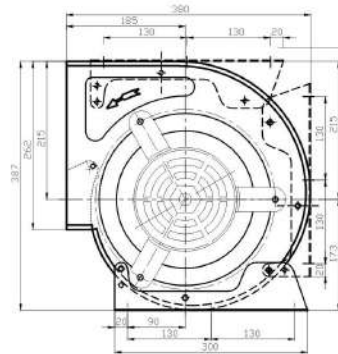


LKZ 9-7 I 250w-6P



Type: LKZ9-7I	Pn : 250W-6P				U : 220V		
	In : 2.1A				F : 50Hz		
	IP : IP20				m : 13.5Kg		
1/1倍频(H)							
63 Hz	47.6	47.2	46.1	46.3	50.8	51.9	52.1
125 Hz	53.8	53.4	52.3	52.5	57.0	58.1	58.3
250 Hz	61.7	59.1	59.2	59.9	62.6	64.0	65.1
500 Hz	60.4	60.0	61.2	62.3	64.2	65.1	66.0
1K Hz	63.8	63.3	64.2	65.4	67.4	69.2	70.3
2K Hz	61.7	61.5	62.6	63.8	65.6	67.3	69.0
4K Hz	60.6	61.0	62.4	63.9	66.0	68.0	69.9
8K Hz	51.6	52.1	53.7	55.6	58.5	61.1	63.4
LWA dB(A)	69.0	68.5	69.4	70.6	72.7	74.4	75.9

外形及安装尺寸 Overall size



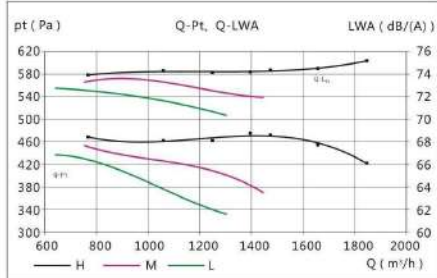
电机功率 Motor Power	250W-6P	150W-6P
L	65	80

电机功率 Motor Power	375W-4P	375W-6P
L	90	90



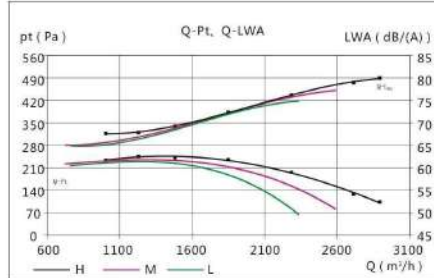
技术参数 Technical Data

LKZ 9-7 I 375w-4P



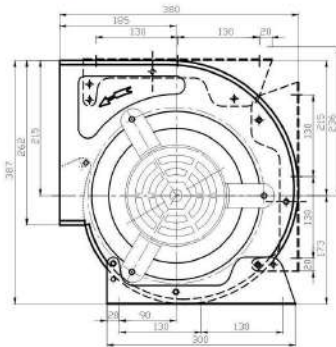
Type: LKZ9-7I			Pn : 375W-4P		U : 220V		
			In : 3.0 A		F : 50Hz		
			IP : IP20		m : 14.9Kg		
1/1倍频(H)							
63 Hz	56.3	55.2	53.9	51.9	51.5	49.3	49.1
125 Hz	62.5	61.4	60.1	58.1	57.7	55.5	55.3
250 Hz	68.4	67.9	66.8	66.1	65.6	64.1	64.0
500 Hz	66.5	67.0	66.0	66.3	66.6	65.8	65.9
1K Hz	67.2	68.0	68.7	68.6	68.9	69.5	70.3
2K Hz	65.3	65.9	66.1	66.5	66.7	67.2	68.0
4K Hz	63.9	65.4	65.9	66.7	67.0	67.9	68.9
8K Hz	56.1	58.0	58.9	59.6	60.1	60.9	62.1
LWA dB(A)	73.9	74.3	74.1	74.2	74.4	74.5	75.2

LKZ 9-7 I 375w-6P

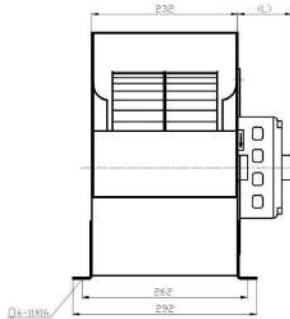


Type: LKZ9-7I	Pn : 375W-6P			U : 220V			
	In : 3.5A			F : 50Hz			
	IP : IP20			m : 15.7Kg			
1/1倍频(H)							
63 Hz	48.3	47.4	46.3	46.5	51.8	54.7	56.6
125 Hz	54.5	53.6	52.5	52.7	58.0	60.9	62.8
250 Hz	62.9	61.4	59.6	60.7	65.0	67.8	69.3
500 Hz	58.8	59.4	60.9	63.5	66.3	68.4	69.2
1K Hz	61.2	62.0	64.0	67.1	70.5	73.1	73.9
2K Hz	59.6	60.4	62.4	65.4	69.4	72.1	73.2
4K Hz	57.3	59.3	62.2	66.4	70.5	73.5	74.5
8K Hz	48.2	49.9	53.2	58.7	63.9	67.4	68.2
Lwa dB(A)	67.7	67.9	69.3	72.4	76.2	79.0	80.0

外形及安装尺寸 Overall size



电机功率 Motor Power	250W-6P	150W-6P
L	65	80

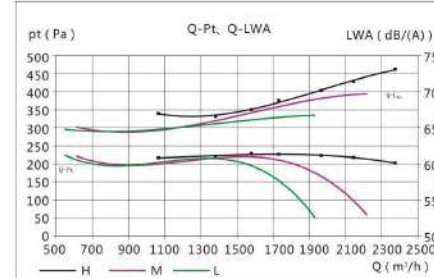


电机功率 Motor Power	375W-4P	375W-6P
L	90	90



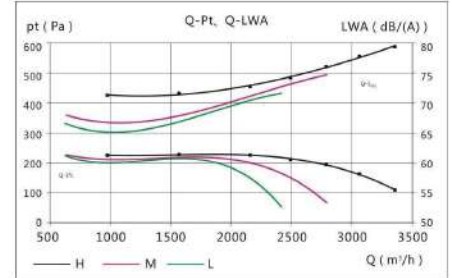
技术参数 Technical Data

LKZ 9-9 I 250w-6P



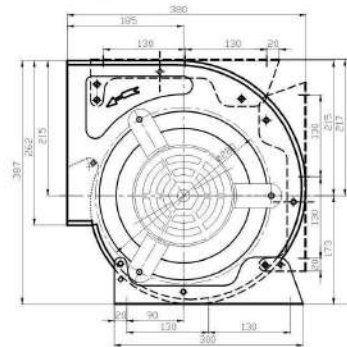
Type: LKZ9-9I	Pn: 250W-6P			U: 220V			
	In: 2.1A			F: 50Hz			
	IP: IP20			m: 14.1Kg			
1/1倍频(H)							
63 Hz	49.7	47.5	46.8	47.6	47.2	47.7	50.5
125 Hz	55.9	53.7	53.0	53.8	53.4	53.9	57.1
250 Hz	61.3	58.9	59.2	59.9	59.9	60.8	61.9
500 Hz	58.0	57.4	58.7	60.2	61.5	62.6	64.2
1K Hz	61.5	61.6	62.3	63.6	64.8	66.0	67.6
2K Hz	59.0	59.9	61.1	62.2	63.7	64.8	66.4
4K Hz	55.6	57.1	59.1	60.9	63.5	65.0	67.0
8K Hz	47.8	47.9	49.2	50.8	53.6	56.0	59.3
LWA dB(A)	67.0	66.6	67.5	68.8	70.2	71.4	73.1

LKZ 9-9 I 375w-6P

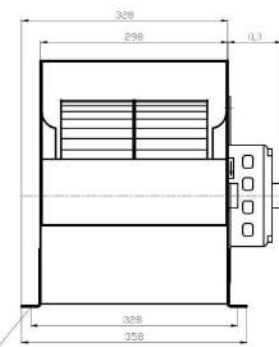


Type: LKZ9-9I	Pn : 375W-6P			U : 220V			
	In : 3.5A			F : 50Hz			
	IP: IP20			m : 16.6Kg			
1/1倍频(H)							
63 Hz	50.6	47.4	49.6	53.0	52.7	53.6	54.7
125 Hz	56.8	53.6	55.8	59.2	58.9	59.8	60.9
250 Hz	68.9	68.0	64.4	63.6	64.8	65.9	67.9
500 Hz	60.6	59.4	63.7	65.2	66.6	68.1	69.2
1K Hz	63.7	65.2	67.4	68.9	70.5	72.0	73.2
2K Hz	60.5	64.0	65.6	67.4	69.5	71.5	73.2
4K Hz	57.7	60.6	65.7	67.7	70.0	72.0	73.9
8K Hz	47.3	49.3	56.0	59.3	62.3	64.5	66.5
LWA dB(A)	71.3	71.6	72.7	74.2	76.1	77.8	79.4

外形及安装尺寸 Overall size



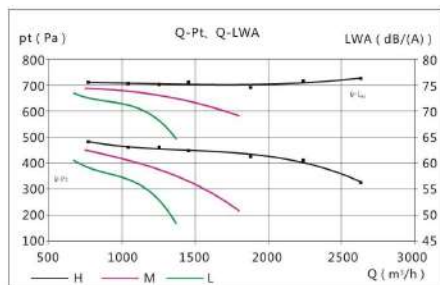
电机功率 Motor Power	250W-6P	375W-6P	450W-4P
L	90	90	95





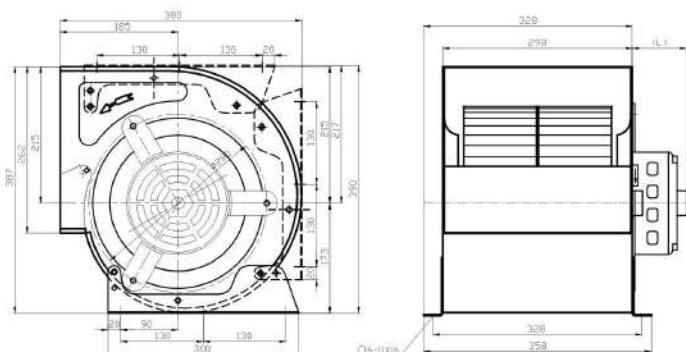
技术参数 Technical Data

LKZ 9-9 I 450W-4P



Type:	Pn : 450W-4P	U : 220V
LKZ9-9I	In : 5.0A	F : 50Hz
	IP : IP20	m : 16.8Kg
1/1倍频(H)		
63 Hz	58.3	58.8
125 Hz	64.5	65.0
250 Hz	70.7	70.8
500 Hz	66.4	66.0
1K Hz	68.8	68.3
2K Hz	67.1	66.7
4K Hz	65.4	65.1
8K Hz	57.3	56.8
LWA dB(A)	75.5	75.1

外形及安装尺寸 Overall size

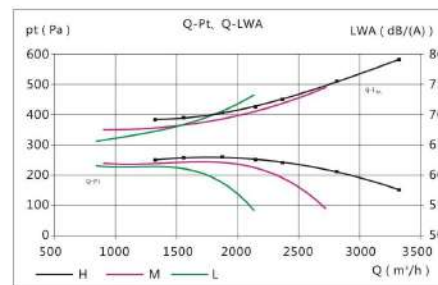


电机功率 Motor Power	250W-6P	375W-6P	450W-4P
L	90	90	95



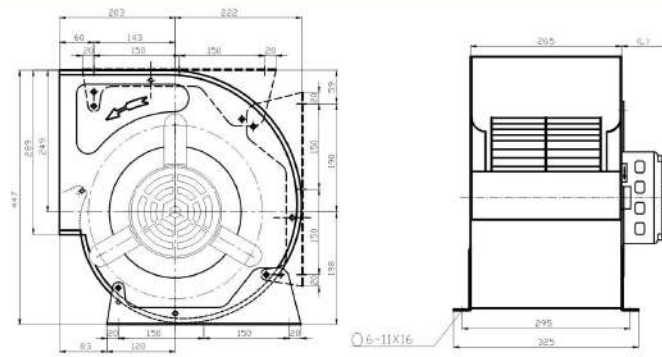
技术参数 Technical Data

LKZ 10-8 I 375W-6P



Type:	Pn375W-6P	U : 220V
LKZ10-8I	In : 3.5A	F : 50Hz
	IP : IP20	m : 17.1Kg
1/1倍频(H)		
63 Hz	55.4	54.9
125 Hz	61.6	61.1
250 Hz	62.1	61.5
500 Hz	60.4	60.8
1K Hz	63.0	63.8
2K Hz	61.0	61.8
4K Hz	59.0	60.2
8K Hz	48.6	49.7
LWA dB(A)	69.2	69.5

外形及安装尺寸 Overall size



电机功率 Motor Power	375W-6P	550W-4P
L	90	105



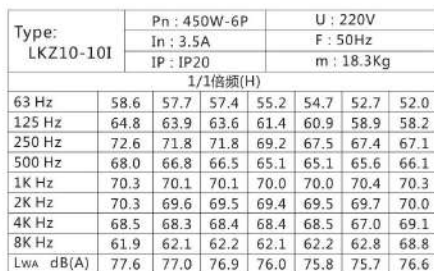
LKZ 10-10I

技术参数 Technical Data

LKZ 10-10 I 375w-6P



LKZ 10-10 I 450w-6P



外形及安装尺寸 Overall size



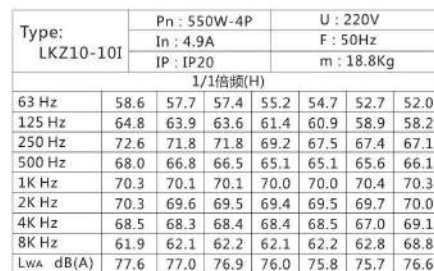
电机功率 Motor Power	450W-6P	550W-4P
L	105	105



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The LKZ Series Centrifugal Fan



LKZ 10-10 I 550w-4P



外形及安装尺寸 Overall size



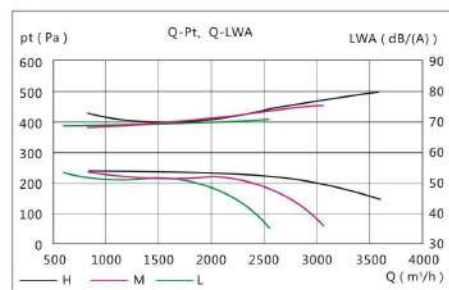
Type: LKZ10-10I	Pn : 550W-6P			U : 220V			
	In : 4.7A			F : 50Hz			
	IP : IP20			m : 18.3Kg			
1/1倍频(H)							
63 Hz	59.3	59.3	55.0	56.5	55.4	58.2	62.4
125 Hz	65.5	65.5	61.2	62.7	61.6	64.4	68.6
250 Hz	65.1	64.2	63.7	63.4	66.3	69.3	71.9
500 Hz	64.4	63.9	70.2	63.6	66.5	69.6	72.4
1K Hz	75.1	72.3	69.1	71.6	71.9	75.8	77.4
2K Hz	68.5	68.4	66.8	66.8	70.7	74.0	76.6
4K Hz	71.5	70.8	67.1	68.9	69.7	73.8	76.6
8K Hz	71.6	70.5	66.4	68.1	65.9	71.0	74.6
LWA dB(A)	78.9	77.4	75.6	76.0	77.1	80.8	83.3

电机功率 Motor Power	450W-6P	550W-4P
L	105	105



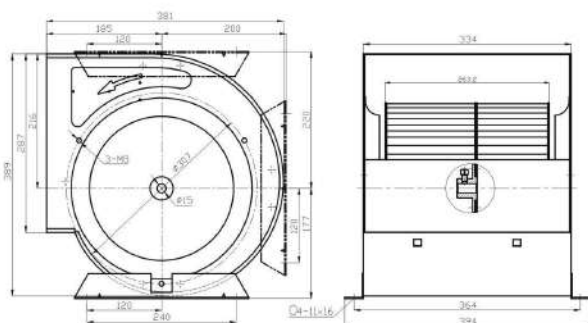
技术参数 Technical Data

LKZ 10-10II 375w-6P



Type: LKZ10-10II		Pn : 375W-6P					U : 220V			
		In : 3.0A					F : 50Hz			
		IP : IP20					m : 16.5Kg			
1/1倍频(H)										
63 Hz	55.6	50.3	50.0	49.3	49.4	49.2	50.2	50.6	51.3	53.3
125 Hz	61.8	56.5	56.2	55.5	55.6	55.4	56.4	56.8	57.5	59.5
250 Hz	69.1	64.6	64.6	64.9	63.4	63.4	64.5	65.3	66.5	68.3
500 Hz	64.5	59.9	60.2	60.5	61.2	63.1	64.4	65.6	67.0	68.8
1K Hz	66.1	62.1	62.5	63.7	65.7	67.5	69.1	71.0	72.0	73.6
2K Hz	63.7	61.9	61.8	63.8	64.7	66.7	68.8	70.7	72.6	74.6
4K Hz	62.5	59.1	59.5	61.4	62.7	65.1	67.5	69.5	71.6	74.2
8K Hz	53.8	49.5	50.6	52.1	54.6	57.1	59.7	61.4	63.4	65.6
LWA dB(A)	73.2	69.3	69.4	70.3	71.0	72.7	74.5	76.2	77.8	79.9

外形及安装尺寸 Overall size

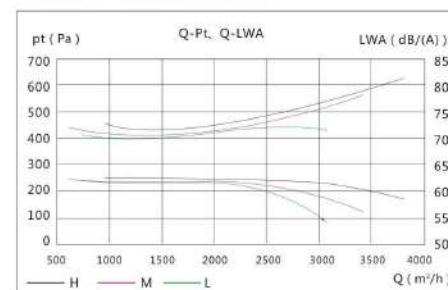


电机功率	Motor Power	550W-6P	750W-6P
L		105	125



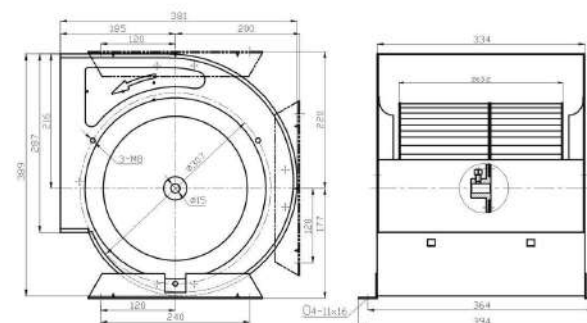
技术参数 Technical Data

LKZ 10-10II450w-6P



Type: LKZ10-10II	Pn : 450W-6P					U : 220V				
	In : 3.6A					F : 50Hz				
	IP : IP20					m : 17.25Kg				
1/1倍频(H)										
63 Hz	48.6	48.5	46.8	46.6	46.5	49.8	50.3	51.8	53.4	53.8
125 Hz	54.8	54.7	53.0	52.8	52.7	56.0	56.5	58.0	59.6	60.0
250 Hz	71.3	71.7	71.0	70.3	68.8	63.4	69.0	67.4	69.4	66.8
500 Hz	57.3	57.5	55.9	57.5	59.9	63.9	65.4	67.0	68.9	69.2
1K Hz	59.5	60.1	59.7	62.4	64.6	68.8	71.1	73.0	75.1	75.2
2K Hz	57.2	58.0	58.3	61.3	64.3	68.6	70.5	72.6	74.9	75.3
4K Hz	53.7	54.7	55.4	59.1	62.3	67.0	69.2	71.8	74.8	75.3
8K Hz	43.7	45.2	46.8	51.0	54.4	58.8	61.3	63.7	71.2	66.9
Lwa dB(A)	72.1	72.5	71.8	71.9	72.1	74.1	76.6	78.3	80.9	80.8

外形及安装尺寸 Overall size

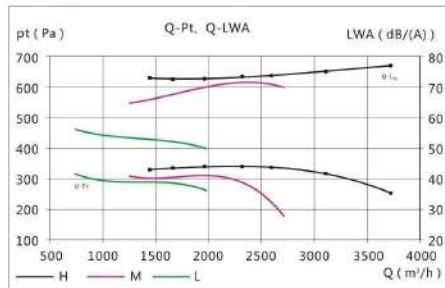


电机功率	Motor Power	550W-6P	750W-6P
L		105	125



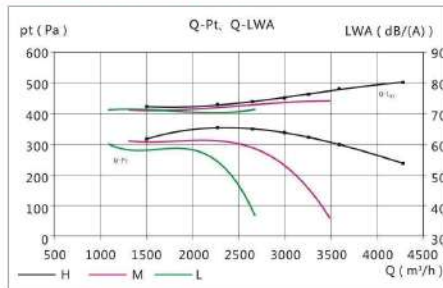
技术参数 Technical Data

LKZ 12-9I 550w-6P



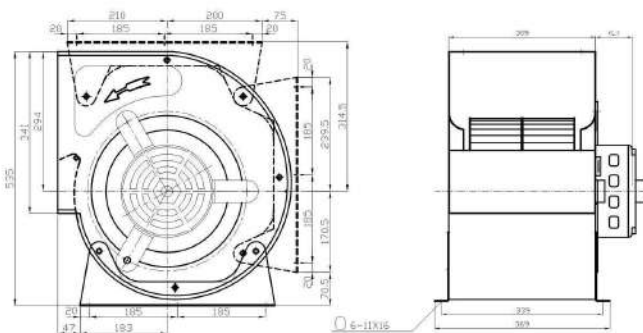
Type: LKZ12-9I	Pn : 550W-6P		U : 220V					
	In : 4.7A		F : 50Hz					
	IP: IP20		m : 22.4Kg					
1/1倍频(H)								
63 Hz	54.2	54.0	54.9	55.2	54.7	53.9	55.9	
125 Hz	60.4	60.2	61.1	61.4	60.9	60.1	62.1	
250 Hz	69.2	67.4	66.5	67.2	66.2	65.1	65.0	
500 Hz	64.3	64.0	64.3	65.2	66.0	68.1	69.2	
1K Hz	66.2	66.4	66.9	67.5	68.0	69.6	71.3	
2K Hz	63.3	63.7	64.5	65.4	66.2	67.9	70.2	
4K Hz	62.0	62.7	63.5	64.4	65.3	67.8	70.6	
8K Hz	52.2	52.6	53.1	53.7	54.6	57.0	61.9	
LWA dB(A)	73.0	72.5	72.7	73.4	73.7	75.1	77.0	

LKZ 12-9I 750w-6P



Type: LKZ12-9I	Pn : 750W-6P				U : 220V		
	In : 5.4A				F : 50Hz		
	IP: IP20				m : 22.8Kg		
1/1倍频(H)							
63 Hz	55.2	55.5	55.6	55.8	59.1	55.7	55.7
125 Hz	61.4	61.7	61.8	62.0	65.3	61.9	61.9
250 Hz	65.8	65.7	66.5	66.9	67.6	70.3	69.5
500 Hz	64.9	65.2	66.1	67.6	68.8	70.4	71.6
1K Hz	66.9	67.6	68.4	69.9	71.0	73.1	75.7
2K Hz	63.4	64.8	65.8	67.1	68.3	70.3	73.0
4K Hz	61.9	63.8	65.1	66.6	67.9	69.6	72.7
8K Hz	52.2	54.6	56.3	58.3	59.8	61.5	64.9
LWA dB(A)	72.3	73.0	73.9	75.1	76.3	78.1	80.2

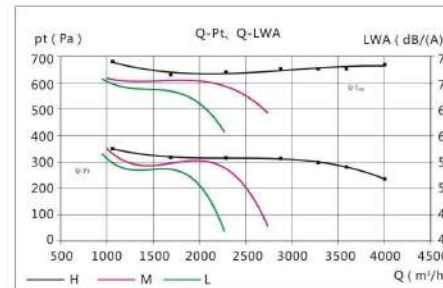
外形及安装尺寸 Overall size



电机功率	Motor Power	550W-6P	750W-6P
L		105	125

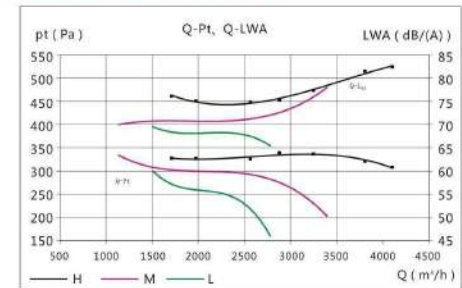
技术参数 Technical Data

LKZ 12-12I 550w-6P



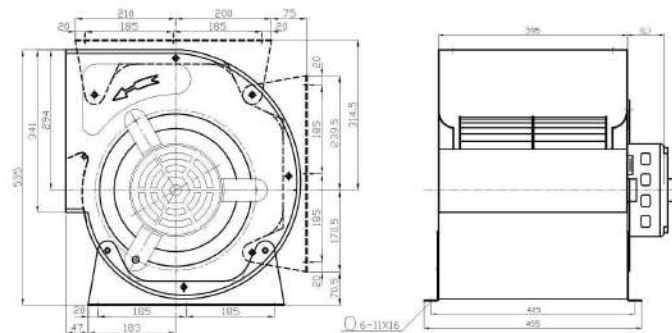
Type: LKZ12-12I	Pn : 550W-6P				U : 220V			
	In : 4.7A				F : 50Hz			
	IP : IP20				m : 24Kg			
1/1倍频(H)								
63 Hz	54.6	55.3	55.0	55.1	55.2	55.2	54.5	54.5
125 Hz	60.8	61.5	61.2	61.3	61.4	61.4	60.8	60.8
250 Hz	71.1	65.2	66.9	66.2	66.2	63.6	63.6	63.6
500 Hz	65.2	64.3	63.8	64.7	65.2	65.7	66.4	66.4
1K Hz	65.7	65.4	65.4	66.4	66.4	66.7	67.5	67.5
2K Hz	63.9	63.0	63.5	65.2	64.8	65.5	66.8	66.8
4K Hz	62.2	61.0	61.8	63.5	63.1	63.9	65.4	65.4
8K Hz	53.5	52.1	52.5	53.8	54.2	55.1	57.8	57.8
Lwa dB(A)	74.0	71.6	72.0	72.7	72.7	72.6	73.5	73.5

LKZ 12-12I 750w-6P



Type: LKZ12-12I	Pn : 750W-6P				U : 220V		
	In : 5.4A				F : 50Hz		
	IP : IP20				m : 24.8Kg		
1/1倍频(H)							
63 Hz	56.4	55.7	55.0	55.8	57.3	56.1	57.5
125 Hz	62.6	61.9	61.2	62.0	63.5	62.3	63.7
250 Hz	68.1	66.8	71.7	72.5	75.2	81.2	82.0
500 Hz	68.0	67.3	65.2	65.3	67.2	64.2	67.0
1K Hz	69.0	68.3	66.2	66.4	67.8	63.6	65.1
2K Hz	69.6	68.5	65.5	65.6	66.8	61.8	63.2
4K Hz	68.5	67.3	64.3	64.3	65.2	59.6	61.3
8K Hz	63.5	62.4	56.6	55.7	56.9	51.6	53.7
LWA dB(A)	76.1	75.1	74.8	75.3	77.4	81.5	82.4

外形及安装尺寸 Overall size



电机功率	Motor Power	550W-6P	750W-6P
L		105	125