

<p>● 本手册所列之产品，因更新和改良，可能不经事先通知，特此声明敬请见谅。      ● 由于手册的产品图片与实际颜色有差异，敬请见谅。      ● 浙江莱恩克风机有限公司保留对本手册的最终解释权。</p> <p>NOTE: This catalogues for reference only.      We reserve the rights to make any improvements      and changes for the products inside.</p>	 <p><b>LKT系列离心式空调风机技术手册</b>      The LKT Series Centrifugal Fan</p>
	 
 <p><b>浙江莱恩克风机有限公司</b>      ZHEJIANG LION KING VENTILATOR CO., LTD.</p> <p>Megan Chan      General Sales Manager      Zhejiang Lion King Ventilator Co., Ltd.</p> <p>✉ cost@lionshida.com      ☎ +86 571 8766 5666      🌐 <a href="http://www.lionventilator.com">http://www.lionventilator.com</a></p> <p>Add: No. 698, Yonghe Road, Zhang'an, Jiaxing District, Taizhou City, Zhejiang Province, China</p> <p style="text-align: center;">● ● ● ● ●</p>	<p><b>浙江莱恩克风机有限公司</b>      ZHEJIANG LION KING VENTILATOR CO., LTD.</p>

**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。

共赢是莱恩克公司的致胜之道。公司通过诚信的态度、务实的作风、创新的思维，努力达成企业、员工、客户、合作伙伴、社会多方共赢，使得企业长远稳健发展。

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 system, mechanism, technology and product innovation, etc. In practice, we continue to promote innovation of our system, mechanism, technology 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.





## 产品简介

### Productd introduction

前向多翼离心式空调风 扇

风机流量 : 1000m<sup>3</sup>/h~40000m<sup>3</sup>/h

性能 : 达到国家1级能效要求

Forward curved multi-blades centrifugal fan

Air Volume Range: 1000m<sup>3</sup>/h

National standard of energy efficiency:

reach to grade 1 energy efficiency

## 目录

### Contants

LKT系列离心风 扇产品说明	01-07
LKT series centrifugal Fan Instructions	
LKT系列离心风 扇性能曲线	07-19
LKT series centrifugal Fan Performance chart	
LKT系列离心风 扇外形尺寸	20-28
LKT series centrifugal Fan Overall Dimension	

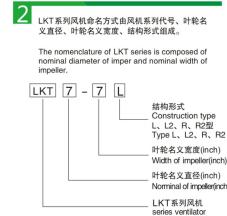


### 概要 Outline

**1. LKT 系列离心式空调风机**流量从1000m<sup>3</sup>/h-40000m<sup>3</sup>/h, 具有结构紧凑、效率高、噪声低等特点，是各类形式中央空调机组、管道式机组及其它通风、空调、净化、通风设备理想的配套产品。

LKT系列离心式空调风机流量从1000m<sup>3</sup>/h-40000m<sup>3</sup>/h, 具有结构紧凑、效率高、噪声低等特点，是各类形式中央空调机组、管道式机组及其它通风、空调、净化、通风设备理想的配套产品。

### 产品命名方式 Designation of Products



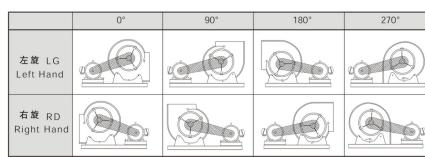
### 产品型式 Type of Product

#### 3. 风向

LKT系列风机可分为左旋(LG)和右旋(RD)两种旋转方式,从风叶带动方向正视,叶轮顺时针旋转的称为左旋风机,逆时针旋转的称为右旋风机。叶轮顺时针向左调,因此称左旋方向的限制。

#### 2. 出风口方向

LKT系列风机按图1所示制0°、90°、180°、270°四种出风方向。



01

### 3. 结构形式

LKT系列风机可按图2所示制L型、LK型、R型、RK型、L2型、R2型。



图2 (Fig2)

### 产品结构 Construction of Product

#### 4. LKT 系列风机主要由机壳、叶轮、框架、轴承、轴组成。

LKT系列风机主要是由机壳、叶轮、框架、轴承、轴等组成的。

##### 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外形,进风口整体拉伸成型,蜗壳采用点焊的方式与侧板连成一体。

机壳在模上焊接了一系的孔,以便按用户要求的出风方向进行安装。

##### 2. 叶轮

叶轮采用优质热镀锌钢板制造,叶片设计成完全对称的叶形形状,使得效率最高,噪声最低。叶片销孔固定在中心及端面上,在最大功率时无振动转矩,叶轮具备足够的刚度。叶轮出厂前根据国家标准的内控平衡等级经检测合格。

##### 3. 框架

R型机架采用热镀锌钢板剪切,折弯成形,TOX连接保证了所需的尺寸精度和应有的刚度;

The scroll is made of hot galvanizing steel sheet and is designed to have an outlet complying with aerodynamics. The scroll plate has an overall stretching forming. The scroll plate is welded to the side plates by means of "electric spot welding".

On the side plates of the scroll 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.

##### 4. 轴承

R型机架采用热镀锌钢板剪切,折弯成形,TOX连接保证了所需的尺寸精度和应有的刚度;

The frame for type R ventilators are made of galvanized steel angle and bar. Threading and bending of the frame parts, as well as the TOX connections, are formed with the use of molds to assure their high accuracy and the rigidity of the frames.

02



#### 4. 轴承

LKT系列风机均采用优质深珠轴承，并根据重量系数来选择，该轴承预先加润滑脂并自动对中。轴承安装在轴承支架上，并设有防震垫圈。

#### 5. 轴

风轴采用40Cr或45#钢粗加工，表面处理及精加工后制取，严格控制尺寸公差及形位公差，每根轴均经过涂装防腐处理。

### 风机性能 Performance of Ventilator

#### 5. 该技术手册中风机性能均指在标准状态下的性能，即风量、风速、风压。

进气压力  $P_1 = 101.325\text{KPa}$   
进气温度  $t = 20^\circ\text{C}$   
进气气体密度  $\rho = 1.2\text{kg/m}^3$

若用户实际使用的气体进气状态或使用的风机转速改变时则按下列公式换算：

$$\begin{aligned} Q_1' &= \frac{n'}{n} Q_1 \\ Q_1 &= n P_1 \\ P_1' &= \frac{n'}{n} P_1 \\ P_1' &= \frac{n'}{n} \cdot \rho' \\ P_1' &= \frac{n'}{n} \cdot \rho' \cdot \frac{P_1}{t_1} \cdot \frac{n''}{n'} \cdot P_2 \\ P_1' &= \frac{n'}{n} \cdot \rho' \cdot \frac{P_1}{t_1} \cdot \frac{n''}{n'} \cdot \frac{P_2}{t_2} \cdot 273k \\ N_{in}' &= \frac{n'}{n} \cdot \rho' \cdot N_{in} \\ N_{in}' &= \frac{n'}{n} \cdot \rho' \cdot N_{in} \\ N_{in}' &= \frac{n'}{n} \cdot \rho' \cdot N_{in} \end{aligned}$$

上述公式中：

• 质量  $Q_1(\text{m}^3/\text{h})$ , 全压  $P_1(\text{Pa})$ , 转速  $n(\text{r/min})$ , 内功  $N_{in}(\text{kW})$  由性能曲线图上查得。

• 右上角加符号“\*”的表示用户实际使用气体进气状态下所测得的性能参数。

• 上式中省略了相对湿度的差别。

2. 性能曲线图上的功耗  $N_{in}$  是风机的内功功率。

• 风机转速:  $N = \text{Nm}/\text{nm}$

• nm-风机机械效率

• n-m-风机机械效率

#### 4. Bearing

LKT系列风机均采用优质深珠轴承,并根据重量系数来选择,该轴承预先加润滑脂并自动对中。轴承安装在轴承支架上,并设有防震垫圈。

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风机机械效率的计算方法可参阅表1。

The value of mechanical efficiency of ventilator can be obtained from Table 1.

where:

• Volume  $Q_1(\text{m}^3/\text{h})$ , total pressure  $P_1(\text{Pa})$ , speed  $n(\text{r/min})$  can be obtained from the performance chart.

• Add “\*” to the upper right corner denotes the performance parameter needed by the customer in practical gas inlet conditions.

• The difference in relative humidity is omitted from the above-mentioned formula.

2. The power ( $N_{in}$ ) on the performance chart is internal power of the ventilator.

• Shaft power of ventilator:  $N_{in} = N_{sh} \cdot \eta_m$

• where:  $N_{sh}$ -Shaft power of ventilator

•  $\eta_m$ -Mechanical efficiency of ventilator

The value of mechanical efficiency of ventilator can be obtained from Table 1.



风机传动方式 Way of ventilator driving	$\text{nm}$
电机直联传动 Electric motor directly driven	1
联轴器或联轴带传动 Coupling directly driven	0.98
三角皮带传动 V-belt driven	0.95

表1(Table1)

• 配气机的功能:  $N = N_{sh} \cdot K$   
式中:  $N$ -配气机的总功  
 $N_{sh}$ -配气机的轴功  
 $K$ -安全系数

• The value of safety coefficient of electric motor capacity

The value of safety coefficient of electric motor capacity can be obtained from Table 2.

3. L2型、RD型风机的性能与L型、R型风机的性能上示性比值,如图所示。

4. 本样本中的风机性能按GB/T1236-2000标准测试,风机噪声指标按GB/T2888-2008标准在离地风口处测定的声音级。

4. The performance of the sample ventilator is tested in accordance with GB/T1236-2000. Its noise index is measured according to GB/T2888-2008 at the point 1 metre from the inlet.

电动机功率电功率 of electric motor(kW)	K 值 k
$< 2.2$	1.2
$\leq 11$	1.15
$> 11$	1.1

表2(Table2)

### 皮带传动安装 V-Belt drive installation

#### 6. 拆除风机螺栓的保护套并检查有无缺口和毛刺:

1. Remove the protective cover from the ends of the fan shaft and check that the shaft ends are free of nicks and burrs.

2. 检查风机和电机轴之间的平行度:

3. The center distance must be controlled as  $0.7(d_1+2d_2)-2(d_1+d_2)$ , the belt width  $d_1$  should be more than  $10\text{mm}$ , but less than  $15\text{mm}$ .

4. 斜皮带安装在轴上时不要过紧,以免损伤轴套:

5. 将一根直尺把风机和电机上的带轮对齐装好;

6. 在皮带轮上装皮带时不要过紧,不能拉,挤压,以免损伤皮带:

7. 调整张紧度直至带轮起来松紧适度,风机运行几分钟后,再调整皮带至合适的张紧度:

8. 关掉风机,转动电机皮带轮以调整张紧度,当风机工作时,电机皮带轮的张紧度两个皮带轮形成的一直线,松的一边有轻微摇摆。

03

04



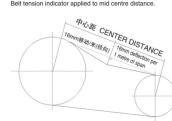
#### 皮带张紧度 Belt tension

##### 7

合适的皮带张紧度对使用寿命来说很重要。太紧会增加皮带和轴承的额外负载，降低它们的寿命。太松则可能造成滑脱现象而产生热能并降低压缩空气的效率。  
皮带张紧度量可用米制皮带是否松紧合适。量具本身还有一个尺表，根据皮带轮中心距和转速计算出张力。如果皮带轮中心距是100mm，转速是1440r/min，张力是1.2kg/cm<sup>2</sup>，那么皮带张紧度就是2.2N/mm。如果皮带轮中心距是125mm，转速是1440r/min，张力是1.2kg/cm<sup>2</sup>，那么皮带张紧度就是2.8N/mm。如果皮带在两个轴上使用时可能会有点松弛，在运行几天后重新检查皮带张紧度。

注意：风机长期停机时把皮带松驰。在使用时重新调整皮带的张紧度。风机长期停车时每隔一定时间，旋转180°，以防止静摩擦变形。

中心距离的皮带张紧度指示  
Belt tension indicator applied to mid centre distance.



A proper level of belt tension is required in order to obtain a satisfactory belt life. If the belt tension levels too high, there excessive loads will be imposed on the bearings, thus will reduce the lives of both of these components. If the belt tension level is too low, then the belt will slip off the sheaves. This may cause heat generation and some thermal energy loss. It is important to check the belt tension to make sure that the belt is not too tight or too loose. The belt tension gauge can be used to check whether the belts are tensioned correctly. A device is normally supplied with the gauge which indicates the ranges of forces required to deflect the belts by a given amount. The belt tension gauge is calibrated so that the required forces are based upon the center distance of the sheaves and the belt cross-section. The belts are properly tensioned when the forces required to deflect the belt by a given amount are within the range indicated on the belt tension gauge. If the belt tension gauge is not available, then the belt should be tightened just enough so that it does not slip off the sheaves when it is tested. A very short period of noise during the starting of a ventilator is allowable, but a squeal lasting several seconds or longer is unacceptable. After the belt has been tensioned, it is recommended to rotate it to make sure that the sheaves are properly aligned. Resign the sheaves if necessary. Note that new belts may stretch a little during initial use. So the belt should be tensioned again after a few hours of operation. Note: The belt should be released if the ventilators do not run in a long time, otherwise the belt will be too tight. When the belt is too tight, it must be just again. The rotor should be turned 180 degree at regular intervals when the ventilator don't use in a long time to avoid the static state distortion of the shaft.

皮带张紧度 Belt Tension			
每英寸张紧度所需张力 Force required to deflect belt per inch of span			
SPZ	56-95	13-20	1.3-2.0
	100-140	20-25	2.0-2.5
SPA	80-130	25-35	2.5-3.6
	140-200	35-50	3.6-4.5
SPB	112-224	45-65	4.6-6.6
	236-315	65-85	6.6-8.7
SPC	228-350	85-115	8.7-11.7
	375-560	115-150	11.7-15.3
A	80-140	10-15	1.1-1.5
B	125-200	20-30	2.0-3.1

05



#### 轴承润滑 Bearing lubrication

##### 8

风扇轴承都是终身润滑的。轴承已填充润滑油，不必再手动润滑油脂。带油润滑的轴承通过拆卸时，可通过加油润滑补充润滑。润滑油有效解决干油润滑类型，轴承的转速和工作温度。判断是否需要添加油的最好办法是当加新油或观察清除下来的旧油色。如果掉下来来的油颜色看起来还是原来的，可延长润滑油的间隔。如果掉下来的油颜色比原来深，则需要更换油脂。如果油脂已氧化，应经常更换油脂的周期。

#### 说明 Instructions

##### 9

1. 在安装前应对风机部件进行检查，抽油已填充润滑油，不必再手动润滑油脂。带油润滑的轴承通过拆卸时，可通过加油润滑补充润滑。润滑油有效解决干油润滑类型，轴承的转速和工作温度。判断是否需要添加油的最好办法是当加新油或观察清除下来的旧油色。如果掉下来来的油颜色看起来还是原来的，可延长润滑油的间隔。如果掉下来的油颜色比原来深，则需要更换油脂。如果油脂已氧化，应经常更换油脂的周期。

2. 风机安装后应检查机壳内是否有遗留的工具、杂物等。

3. 风机安装后用手或杠杆扳动手轮，检查是否有过盈或碰撞现象，确保无此现象时方可进行试验。

4. 因配用电机功率是指在待机工况下，风机内功率加上风机电阻与风机重量全系数而言，并非从风口处获得的功率。因此为防止电机超速而损坏风机，严禁风机出口及进风口不接管道及未加外罩任何阻力进行空运转。

5. 风机与风管出口之间应采用软连接，接头不得拧得太紧。

6. 风机启动式运转前，需检查电机的转向是否符合风机转向的要求。

7. 订货时须注明机型号、转速、风量、风压、出风口方向及转速台口以及电机型号、规格、标准型风机不带法兰，如需法兰订货时注明。

8. 若需配套皮带、皮带轮、电机、安装底座等配件或其它特殊要求可在订货时提出。

1. Prior to installation, all parts of the ventilator should be inspected.

Greater and careful attention should be taken to shaft, bearings and main parts for checking. If there is some damage, recovery should be made, then to install again for use.

2. Check the internal space of the scroll and other casings, tools and other extra matters should not be left inside.

3. After installation, turn its impeller by hand or by means of lever to check for tightness or shock. Make sure that there is no such phenomenon over there, then operation can be carried out.

4. Matching electric motor power of ventilator denotes internal power plus mechanical loss during driving and safety coefficient of power in accordance with standard. It does not denote the power required during full opening of air outlet.

Therefore no-load running of ventilator without any applied resistance including connecting pipelines on air-inlet or air-outlet is strictly prohibited in order to avoid burning out of the motor and to operate it normally.

5. Soft connection between air pipe and ventilator air-outlet should be made. The joint should not be tightened too much.

6. Prior to official operation of ventilator, it is necessary to check the rotating direction of both motor and ventilator for their coordination.

7. During ordering it is necessary to state the type of ventilator, speed, air volume, air pressure, direction of air outlet, rotating direction, type of electric motor and its specifications.

8. If the customer needs matching belts, pulley, electric motor, mounting flange and other parts and requirements, please state at that time.

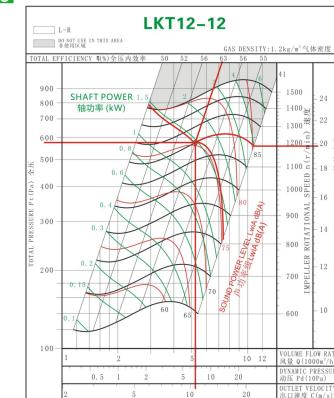
06



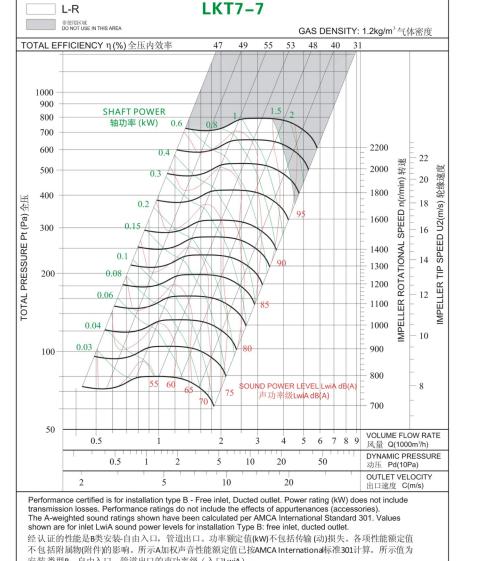
9. 风机若在含尘颗粒等腐蚀性气体、含盐浓度小于150mg/m<sup>3</sup>的氯化物及二氧化硫浓度大于-20°C的气候环境下使用，风机在运输装箱过程中应小心轻放，防止碰撞损伤。

#### 读图示例 Example of curve Reading

##### 10



07



Performance certified is for installation type B - Free inlet, Ducted outlet. Power rating (kW) does not include transmission losses. Performance curves do not include the effect of optional external accessories. The A-weighted sound power level shown here is in accordance with AMCA International Standard 301. Values shown are for inlet LwA sound power levels for installation Type B: free inlet, ducted outlet.

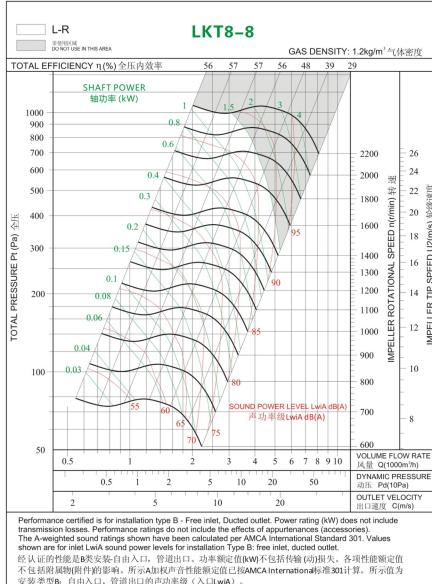
经认证的性能是B型安装自由入口，管道出口。功率额定值(kW)不包括传动损失。各性能测定值

不包括外部附件的影响。声功率级(LwA)按AMCA国际标准301计算。数值为

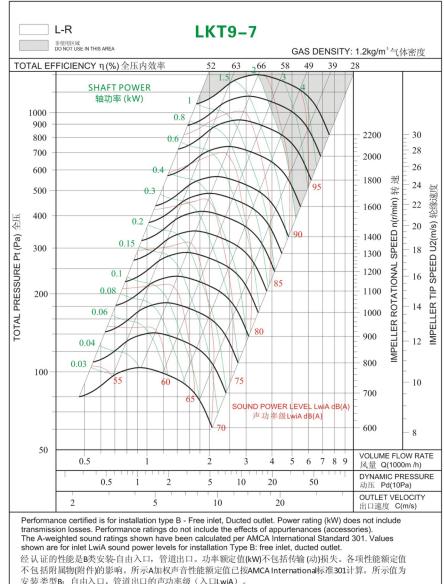
08



LKT系列离心风机技术手册  
The LKT Series centrifugal Fan



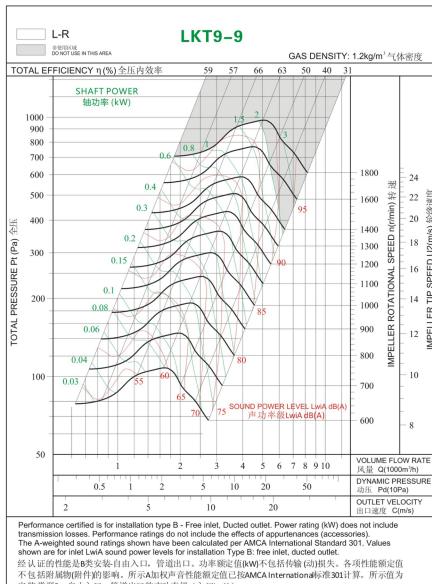
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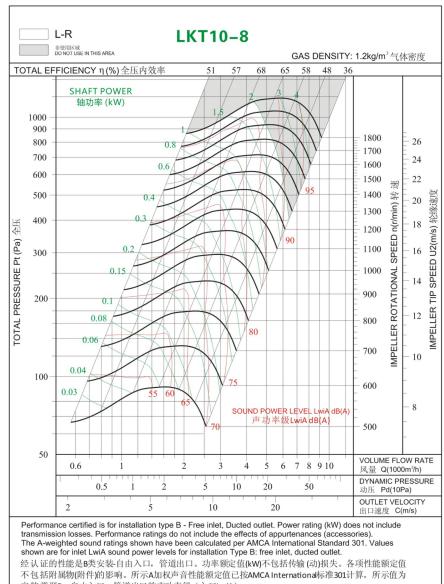
10



LKT系列离心风机技术手册  
The LKT Series centrifugal Fan



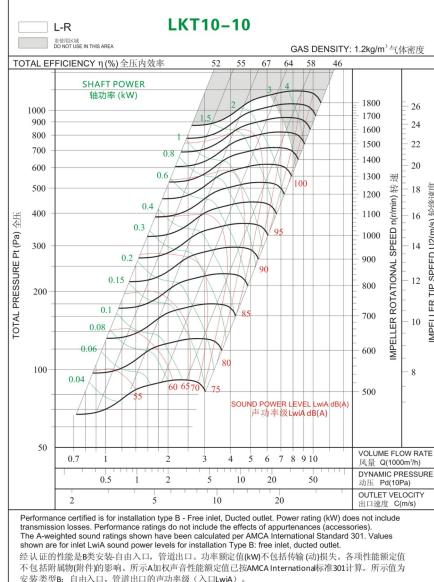
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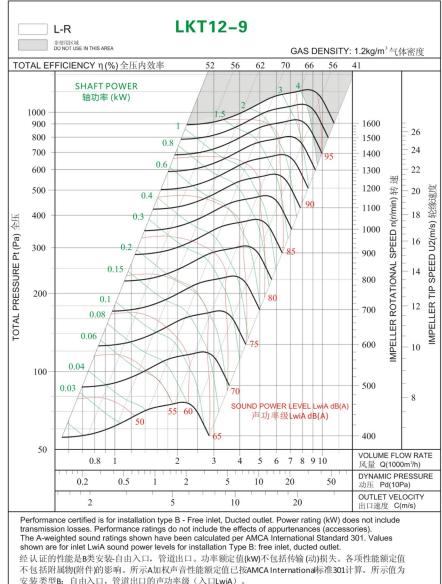
12



LKT系列离心风机技术手册  
The LKT Series centrifugal Fan



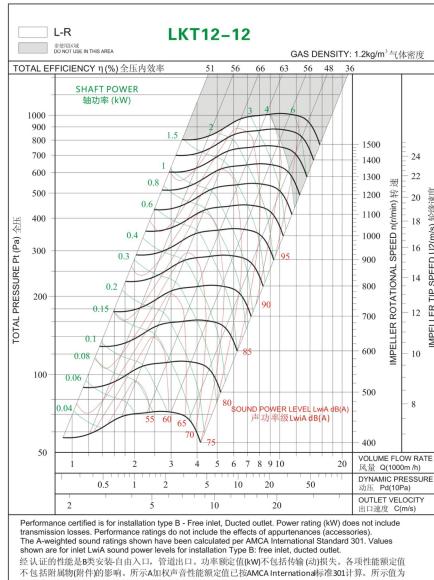
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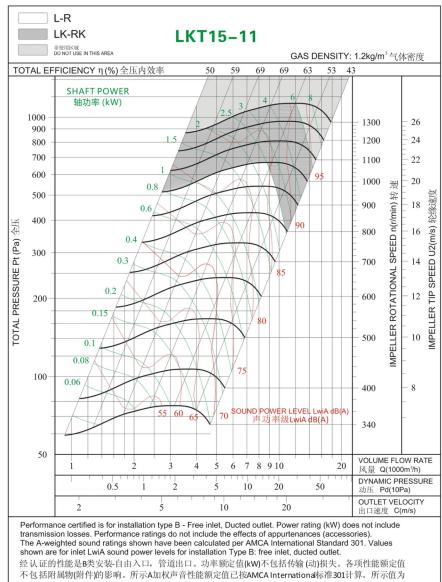
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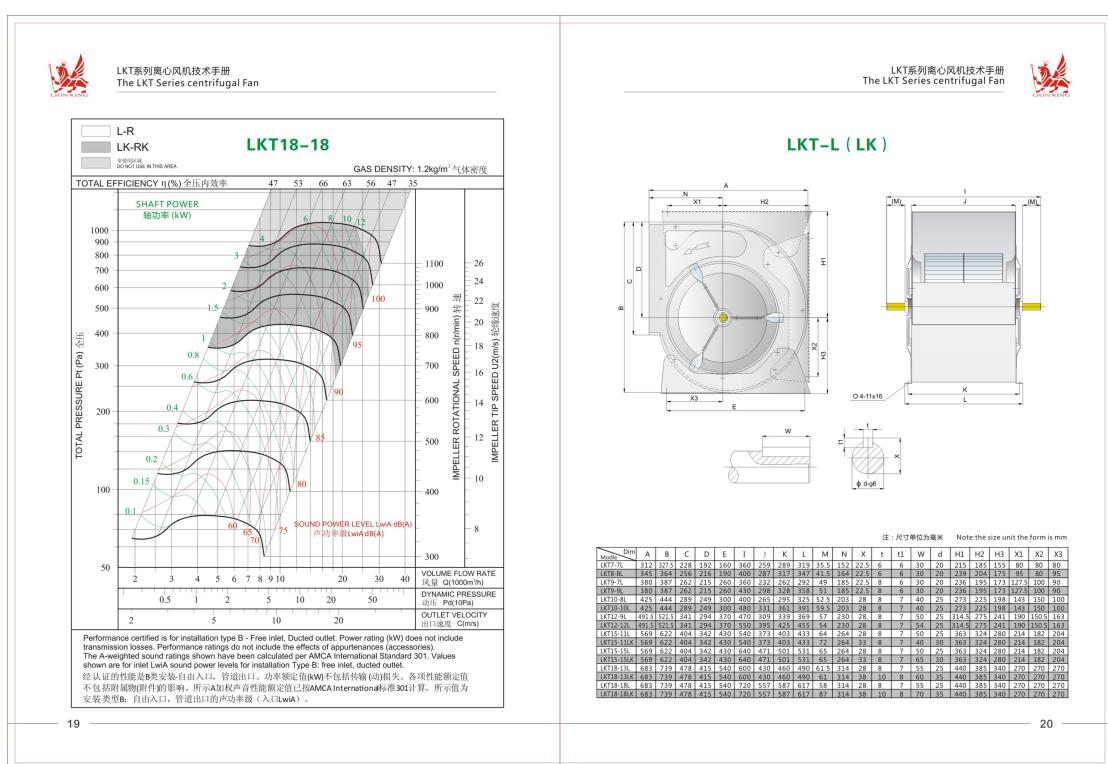
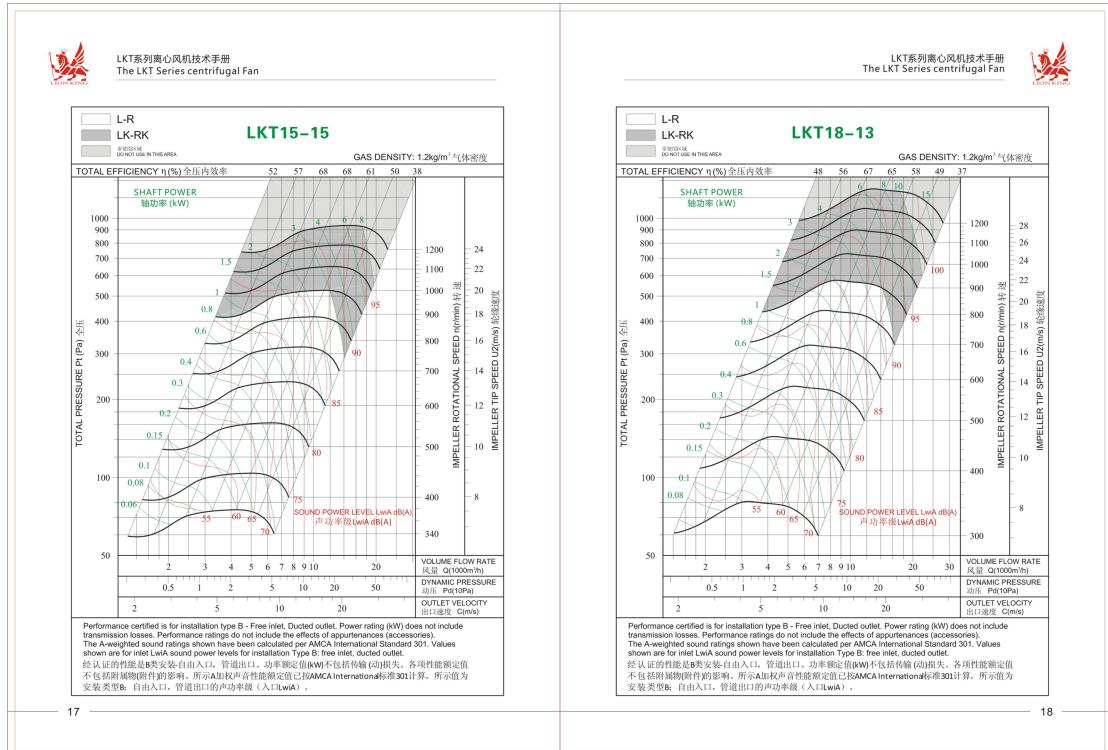
LKT系列离心风机技术手册  
The LKT Series centrifugal Fan



15

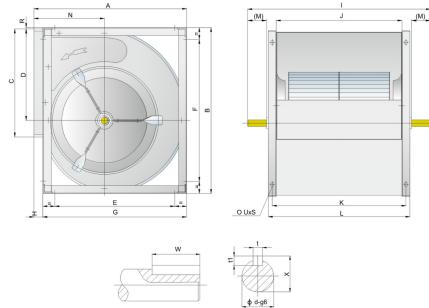


16





LKT-R (RK)



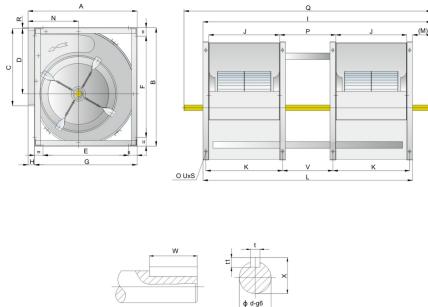
注：LKT7-7至LKT12-9系列风机为双出轴 LKT12-12至LKT18-18系列风机为单出轴

- 2

22 -



LKT-R2



LKT系列离心风机技术手册  
The LKT Series centrifugal Fan

LKT-L (LK)

0°				90°				180°					
左旋LG													
右旋RD													
型号	电机机座号	L	A	B	C	L	A	B	C	L	A	B	C
7-7	63	374	600			339	620			359	600		
	73	379	620			365	660			365	620		
	80	402	660	390	409	390	700			390	660		
	90	463	740			414	740			454	740		
8-8	63	388	620			355	660			370	620		
	71	412	660	430	449	342	660	430	358	396	660	430	448
	80	434	700			367	700			420	700		
	90	456	740			430	780			444	740		
9-7	71	432	700			388	700			414	700		
	80	455	740	390	481	412	740	390	428	439	740	390	438
	90	476	780			435	780			462	780		
	100	498	820			458	820			486	820		
9-9	112	517	860			518	920			508	860		
	71	445	740			388	700			414	700		
	80	455	740	460	481	412	740	460	428	439	740	460	438
	90	476	780			435	780			462	780		
10-8	100	498	820			458	820			486	820		
	112	517	860			518	920			508	860		
	71	465	740			440	780			439	740		
	80	487	780	430	535	464	820	430	472	464	780	430	487
10-10	90	507	820			486	860			487	820		
	100	528	860			469	860			510	860		
	112	565	920			548	960			551	920		
	80	487	780			464	820			464	780		
10-10	90	507	820	510	535	486	860	510	472	487	820	510	487
	100	528	860			469	860			510	860		
	112	565	920			548	960			551	920		

注:L=风机与电机之间的中心距  
L=Center distance between fan and motor pulley  
尺寸单位为毫米 the size unit the form is mm

注：LKT7-7至LKT12-9系列风机为双出轴

注：LKT7-7至LKT12-9系列风机为双出轴



LKT-L ( LK )

		0°		90°		180°							
型号 Model	输出扭矩 Nm	左旋 LG			右旋 RD			右旋 RD					
		L	A	B	C	L	A	B	C	L	A	B	C
12-9	80	552	860			469	860			522	860		
	90	591	920			509	920			564	920		
	100	592	940	500	626	531	960	500	537	568	940	500	567
	112	614	895			570	1020			592	985		
12-12	132	691	1100			655	1140			675	1100		
	80	552	860			469	860			522	860		
	90	591	920			509	920			564	920		
	100	592	940	580	626	531	960	580	537	568	940	580	567
15-11	122	648	1020			570	1020			627	1020		
	132	691	1100			655	1140			675	1100		
	80	596	920			533	960			557	920		
	90	633	980			572	1020			598	980		
15-15	100	652	1020	570	704	593	1060	570	605	620	1020	570	646
	112	668	1060			611	1100			639	1060		
	132	748	1180			674	1200			725	1180		
	80	596	920			533	960			557	920		
18-13	90	633	980			570	1000			598	980		
	100	652	1020	670	704	593	1080	670	605	620	1020	670	646
	112	668	1060			611	1100			639	1080		
	132	748	1180			674	1200			725	1180		
18-18	90	729	1100			639	1140			684	1100		
	100	747	1140			659	1180			705	1140		
	112	762	1180	630	838	704	1250	630	730	723	1180	630	795
	132	838	1300			765	1350			806	1300		
18-18	160	884	1400			814	1450			858	1400		
	90	729	1100			639	1140			684	1100		
	100	747	1140			659	1180			705	1140		
	112	762	1180			704	1250			757	1250		
18-18	132	793	1250			765	1350			806	1400		
	160	884	1400			814	1550			858	1400		
	172	896	1580			864	1650			906	1580		
	232	793	1250			765	1350			806	1400		

注 : L= 风机与电机之间的中心距  
 L = Center distance between fan and motor pulley  
 尺寸单位为毫米 the size unit the form is mm

— 25 —

LKT系列离心风机技术手册  
The LKT Series centrifugal Fan



LKT-R ( RK )

			0°			90°			180°					
左旋LG														
右旋RD														
型号 Model	电机机座号	输出轴转速	L	A	B	C	L	A	B	C	L	A	B	C
7-7	63	366	600				334	620			355	600		
	71	372	620	398	376		361	660	398	361	402	660	398	
	80	396	660				385	700			428	700		
8-8	90	458	740				409	740			453	740		
	63	381	620				352	660			364	620		
	71	405	660	484	410		378	700	484	383	391	660	484	
9-7	80	426	700				402	740			417	700		
	90	450	740				426	780			447	740		
	71	423	700				406	740			414	700		
9-9	80	447	740				429	780	418	425	459	740		
	90	469	780	418	439		452	820			462	780	418	
	100	492	820				532	920			486	820		
10-8	112	512	860				482	700			508	860		
	71	423	700				435	780			414	700		
	80	447	740				406	740			439	740		
10-10	90	469	780	490	439		429	780	490	425	462	780	490	
	100	492	820				452	820			486	820		
	112	512	860				532	920			508	860		
10-10	71	454	740				435	780			440	740		
	80	477	780				458	820			464	780		
	90	498	820	455	495		480	860	455	471	487	820	455	
10-10	100	520	860				522	920			511	860		
	112	559	920				542	960			551	920		
	80	477	780				458	820			464	780		
10-10	90	498	820	520	495		480	860	520	471	487	820	520	
	100	520	860				522	860			511	860	520	
	112	559	920				542	960			551	920		

注：L= 风机与电机之间的中心距  
L=Center distance between fan and motor pulley  
尺寸单位为毫米 the size unit the form is mm

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- 26 -



LKT-R ( RK )

0°					90°					180°						
左旋LG					右旋RD											
Type	Model	电机功率(W)	风量(m³/h)	风压(Pa)	L	A	B	C	L	A	B	C	L	A	B	C
12-9	80	566	860	525	525	920	549	860	525	920	514	940	525	573		
	90	606	920			504	920			504	920					
	100	608	940			545	980	525	537	614	940					
	112	632	895			564	1020			654	1020					
	132	713	1100			649	1140			702	1100					
12-12	80	566	860			521	920			549	860					
	90	606	920			506	920			506	920					
	100	608	940	615	573	505	980	615	537	584	940	615	573			
	132	713	1100			649	1140			654	1020					
15-11	80	582	920			546	980			577	940					
	90	623	980			567	1020			598	980					
	100	641	1020	615	661	587	1060	615	615	620	1020	615	661			
	112	658	1060			605	1100			640	1060					
15-15	80	582	920			669	1200			725	1180					
	90	623	980			546	980			577	940					
	100	641	1020	715	661	567	1020			598	980					
	112	658	1060			567	1060			605	1100					
	132	719	1180			669	1200			640	1060					
18-13	90	713	1100			634	1140			681	1100					
	100	732	1140			672	1200			702	1140					
	112	748	1180	696	791	699	1250	696	730	740	1200	696	791			
	132	826	1300			759	1350			804	1300					
18-18	160	874	1400			808	1450			856	1400					
	90	713	1100			634	1140			681	1100					
	100	732	1140			672	1200			702	1140					
	112	748	1180	820	791	672	1200	820	730	702	1200	820	791			
	132	799	1250			759	1350			804	1300					
160	874	1400				856	1400			856	1400					

注 : L = 风机与电机之间的中心距  
 L = Center distance between fan and motor pulley  
 尺寸单位为毫米 the size unit the form is mm

— 27 —

KT 系列风机运行极限 KT Series Ventilator Operational Limits

KT 系列风机运行极限

		7.7	8.8	9.8	10.8	11.8	12.8	13.8	14.8	15.8	16.8
L-H	Kw	1	1.5	2	2	3	4	4	4.5	3	4
L-EHK	Kw	2	3	4	4	6	6	6	10	12	14
L-R	rpm	2200	2200	1800	1800	1600	1500	1000	900	800	700
L-EHK	rpm	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
L-R	Nm	100	120	140	160	180	200	220	240	260	280
L-B	Nm°C	85	85	85	85	85	85	85	85	85	85
L-EHK	Nm°C	85	85	85	85	85	85	85	85	85	85
L-R	N	12800	12800	12800	14000	14000	14000	14000	14000	14000	14000
L-EHK	N	12800	12800	12800	14000	14000	14000	14000	14000	14000	14000
L-R	Nm²	12800	12800	12800	14000	14000	14000	14000	14000	14000	14000
L-EHK	Nm²	12800	12800	12800	14000	14000	14000	14000	14000	14000	14000
L-R	kg	6	7	8	9	10	11	12	13	14	15
L-EHK	kg	8.5	10.5	11.4	12.3	13.2	19.1	22	28.4	36.5	45.5
L-R	kg	/	/	/	/	/	/	/	26.5	36.8	45.8
EHK	kg	/	/	/	/	/	/	/	26.5	35.8	45.7
R2	kg	14	16.8	17.9	21.7	22.2	25.3	33.9	46.8	47.6	54.3
R2	kg	20	24.8	27.7	28.7	34.1	50	56	74.8	81.1	101.3

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- 28 -