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# — 奥鼓风机 —

## AOGU BLOWER



罗茨鼓风机 罗茨真空泵  
ZHSR ROOTS BLOWER/ ZHSR ROOTS VACUUM PUMP

### 山东奥鼓机械有限公司

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## 企业简介

COMPANY PROFILE

山东奥鼓机械有限公司坐落在环境优美的山东省济南市章丘区相公经济实验区，我公司是专业生产高、中、低压罗茨风机，回转式风机，罗茨真空泵的专业企业，企业技术力量强大，拥有一大批高素质专业队伍及生产技术人员，具有强大的技术开发、设计、生产和质量监控能力，并建立了完善的售后服务管理体系。

公司主导产品ZHSR系列三叶罗茨鼓风机。引进吸收国内外三叶罗茨鼓风机先进技术，运用先进的CAD/CAM辅助设计，自行研发并专业精工生产的高品质、低噪音、新一代高效节能产品。该产品具有结构合理、体积小、升压高、效率高、风量大、噪音低、运行平稳、性能优良、使用寿命长、维修简便等特点。已被广泛适用于污水处理、水泥输送、水产增氧或供氧、真空包装、助燃、增压、铸造、矿山、冶金、化工、轻工、建材、电力、面粉、喷砂、真空等等领域。

产品型号：ZHSR系列50-350、ZHRF系列250-395、ZHMG系列300-400、ZHRG系列350-450、ZHRR系列65-395F、HZ系列251S-1001等系列罗茨风机，其流量从0.8m³/min-185m³/min升压9.8kpa-98.8kpa共14个机型，180多种规格，可以满足不同用户的需求为保证产品质量，公司拥有新型加工中心数控平衡机、数控机床、精密机床等具有国内领先水平的大型生产检测设备20余台，并拥有国内一流的平衡仪CAD检测中心和孔板检测中心。其生产的罗茨鼓风机畅销全国各地。

Shandong Aogu Machinery Co., Ltd. is located in Xianggong Economic Experimental Zone, Zhangqiu District, Jinan City, Shandong Province, with a beautiful environment, Our company is specialized in the production of high, medium and low pressure roots blower, rotary fan, enterprise specialized in the roots vacuum pump, strong technical force, has a large number of high-quality professional team and the production technical personnel, with strong technical development. Can design, production and quality control Force, and established a perfect after-sales service management system.

The company leading product ZHSR three-blade roots blower series. Introduce absorption three-blade roots blower at home and abroad advanced technology, aided design using CAD/CAM, To research and development and professional seiko production of high quality, low noise, a new generation of high efficiency and energy saving products. The product has reasonable structure, small volume, high pressure, high efficiency, air volume Big, low noise, smooth operation, excellent performance, long service life, easy maintenance, etc. Has been widely used in sewage treatment, aquaculture, vacuum packaging, combustion, Pressurization, foundry, mines, metallurgy, chemical industry, light industry, building materials, electric power, flour, sand blasting, vacuum, etc.

Product models: ZHSR series 50-350, ZHRF series 250-395, ZHMG series 300-400, ZHRG series 350-450, ZHRR series 65-395F, HZ series 251S-1001 and other series Roots blowers, Its flow rate increases from 0.8m³/min-185m³/min to 9.8kpa-98.8kpa, with a total of 14 models, more than 180 kinds of specifications, Can meet the needs of different users in order to ensure product quality, the company purchases new machining center CNC balancing machine, CNC machine tools, precision machine tools, etc The domestic leading level of large-scale production testing equipment more than 20 units, and has the domestic first-class balance CAD test center and orifice plate test center. Its production of roots blower best-selling throughout the country.

## 企业文化

CORPORATE CULTURE

一流的产品 卓越的服务★★★★

企业精神：求实 开拓 创新

企业目标：树奥鼓品牌 做行业先锋

服务理念：一流的产品 卓越的服务



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## 产品机型

PRODUCT MODEL

### ZHSR (普通型)

口径:  $\phi 50 - \phi 350\text{mm}$

流量:  $0.50 - 226\text{m}^3/\text{min}$

压力:  $9.8 - 58.8\text{kPa}$



### ZHSR (高压型)

口径:  $\phi 50 - \phi 350\text{mm}$

流量:  $0.50 - 172.4\text{m}^3/\text{min}$

压力:  $9.8 - 98\text{kPa}$

风冷和水冷两种冷却方式



### ZHSR-V (负压型)

口径:  $\phi 50 - \phi 350\text{mm}$

流量:  $0.50 - 223\text{m}^3/\text{min}$

压力: 大气压- $43.9\text{kPa}$



### ZHSR-VH (高负压型)

口径:  $\phi 50 - \phi 350\text{mm}$

流量:  $0.50 - 223\text{m}^3/\text{min}$

压力: 大气压- $73.5\text{kPa}$



## 产品机型

PRODUCT MODEL

### ZHSR (密集型)

口径:  $\phi 50 - \phi 250\text{mm}$   
流量:  $0.50 - 76.72\text{m}^3/\text{min}$   
压力:  $9.8 - 98\text{kPa}$



### ZHSR (双级高压型)

口径:  $\phi 100 - \phi 350\text{mm}$   
流量:  $3.8 - 210\text{m}^3/\text{min}$   
压力:  $9.8 - 156.8\text{kPa}$   
造型参数根据客户要求配置风机并提供外形图



### ZHSR (特殊气体加压机)

口径:  $\phi 50 - \phi 350\text{mm}$   
选型参数按风机选定  
采用多种密封及涂层形式, 满足不同介质和工况的需要。



### ZHSR 型风机规格及单位换算

ZHSR TYPE BLOWER SPECIFICATIONS AND UNIT CONVERSION

- 每种风机型号都有性能表和标准规格, 易于选择风机型号。
- 包括附件在内, 风机主体实行标准化, 有完善的批量生产体制, 能够随时满足您的要求。
- 因为有良好的螺旋结构, 又使用同风机匹配的带无声空气滤清器的消声器, 风机的运转音比过去低的多。
- 转子是经过全面加工的精密产品, 加工制作时已经取得了完全的动平衡, 几乎没有振动。
- 采取小型设计, 安装面积小。

### ZHSR型 主要规格

MAIN SPECIFICATIONS OF ZHSR TYPE

风机口径: 50-350  
风量:  $0.44 - 180\text{m}^3/\text{min}$   
压力:  $9.8 - 98\text{kPa}$   
电机功率  
**标准附属品:**  
通风底座  
皮带罩  
风机皮带轮、电机带轮、V形皮带  
吸入消声器 (带空气滤清器可根据行业选择)  
安全阀  
压力表  
地脚螺栓  
专用附件 (按合同要求配置)  
排出消声器  
齿轮油  
单向阀  
弹性接头

**ZHSR型 性能表说明**  
性能表示出了风机型号、口径、转速、排风压力、风量和所需要动力的关系。  
1、性能表所示风量是标准进风状态下的风量。所谓标准状态, 就是温度 $20^\circ\text{C}$ , 绝对压力 $1.0332\text{kgf}/\text{cm}^2$ 【 $101.3\text{kPa}$ 】, 相对湿度65%。

基准状态 (温度 $0^\circ\text{C}$ , 绝对压力 $1.0332\text{kgf}/\text{cm}^2$ 【 $101.3\text{kPa}$ 】) 的风量, 一般以 $\text{Nm}^3/\text{min}$ 表示。在进风压力相同的情况下, 可以用下式换算成标准状态的风量。

$Q_s = Q_N \times 1.0732$   
 $Q_s$ : 标准状态风量 ( $\text{m}^3/\text{min}$ )  
 $Q_N$ : 基准状态风量 ( $\text{m}^3/\text{min}$ )  
可用下式把排风状态风量换算成标准状态风量

$1.0332 + P_d \times 273 + t_s$   
 $Q_s = Q_d \times 1.0332 \times \frac{273 + t_d}{273 + t_s}$   
 $Q_d$ : 排风状态风量 ( $\text{m}^3/\text{min}$ )  
 $P_d$ : 排风压力 ( $\text{kgf}/\text{cm}^2$ )  
 $t_s$ : 进风温度 ( $^\circ\text{C}$ )  
 $t_d$ : 排风温度 ( $^\circ\text{C}$ )

以上述结果求出分量的排风压力, 因此再根据性能表求出风机型号、口径、转速和所需动力。

性能表以不同的颜色表示出了不同的电机输出功率, 请用户使用相应功率的电机。

有些风机的型号其选定范围是重复的。从经济的角度, 应选用小型风机; 从噪音的角度, 应选用大型风机。

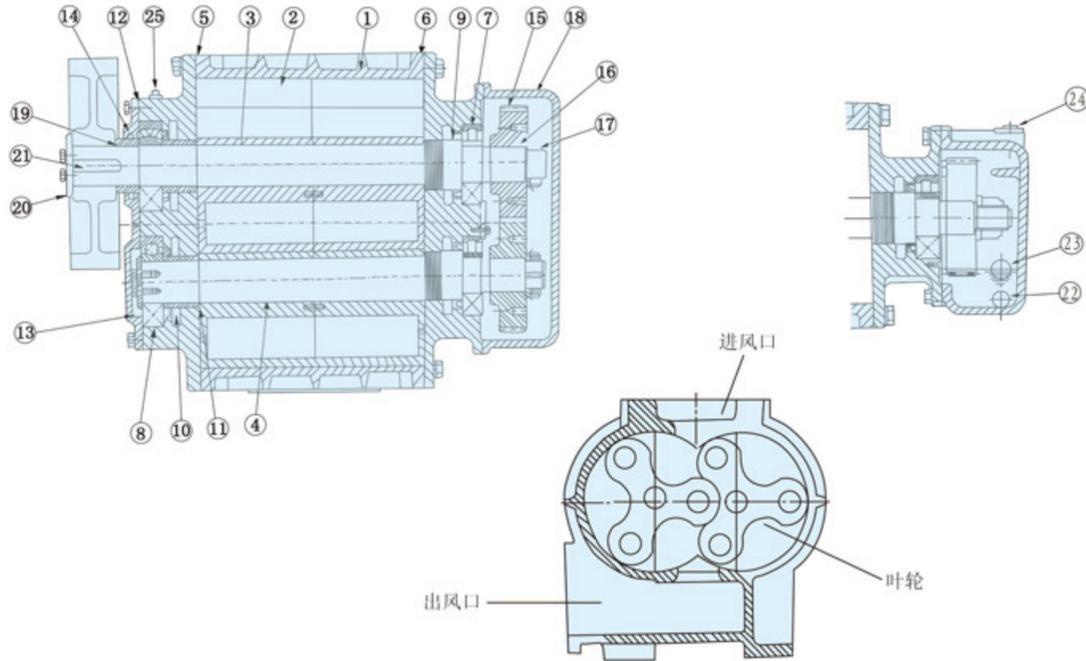
### ZHSR型 单位换算表

ZHSR UNIT CONVERSION TABLE

	Pa	Bar	Kgf/cm <sup>2</sup>	Atm	MmH <sub>2</sub> O	MmHg(Torr)
压	1	$1 \times 10^{-5}$	$1.01972 \times 10^{-5}$	$9.86923 \times 10^{-6}$	$1.01972 \times 10^{-1}$	$7.50062 \times 10^{-3}$
	$1 \times 10^5$	1	1.01972	$9.86923 \times 10^{-1}$	$1.01972 \times 10^4$	$7.50062 \times 10^2$
	$9.80665 \times 10^4$	$9.80665 \times 10^{-1}$	1	$9.67841 \times 10^{-1}$	$1 \times 10^4$	$7.35559 \times 10^2$
力	$1.01325 \times 10^5$	1.01325	1.03323	1	$1.03323 \times 10^4$	$7.60000 \times 10^2$
	9.80665	$9.80665 \times 10^{-5}$	$1 \times 10^{-4}$	$9.67841 \times 10^{-5}$	1	$7.35559 \times 10^{-2}$
	$1.33322 \times 10^2$	$1.33322 \times 10^{-3}$	$1.35951 \times 10^{-3}$	$1.31579 \times 10^{-3}$	$1.35951 \times 10^1$	1

ZHSR 型风机构造图

ZHSR TYPE BLOWER CONSTRUCTION DIAGRAM

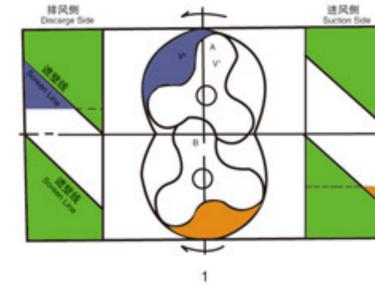
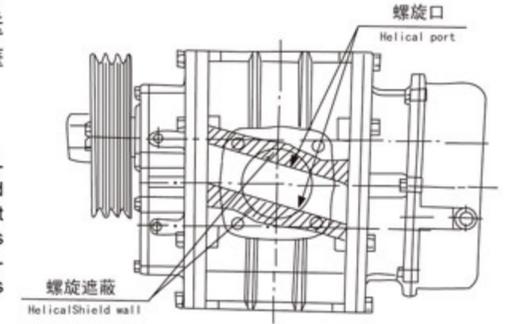


ZHSR 型风机工作原理

WORKING PRINCIPLE OF ZHSR TYPE BLOWER

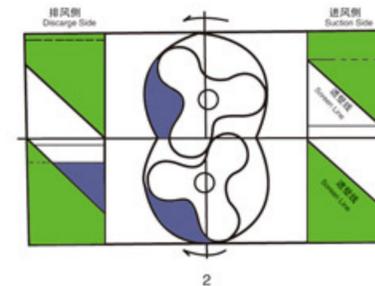
风机机壳内装有2组三叶叶轮，由一对同步齿轮带动起做相反方向往复运转进风口容积为 $V^1$ 因叶轮的转动形成低压，同时吸入空气容积为 $V^2$ 由出风口阻力变大产生高压气体，从而送出空气；由于叶轮之间，叶轮与机壳之间有一定间隙，无摩擦，故可长期运转。下面就本风机螺旋形状的要点进行说明。

In the blower casing there installs groups of triplicate blade impeller, which, drove by a pair of synchronous gears, moves right-about to and fro. The low pressure will be formed because of the impeller in the air inlet whose volume is  $V^1$ . Meanwhile the air drawn in with a volume of  $V^2$  produces the high pressure due to the growing of the resistance in the in the air outlet, and then the air is got off. As there are certain gaps between the impellers and casing, on the spirality of the blower shall be explained.



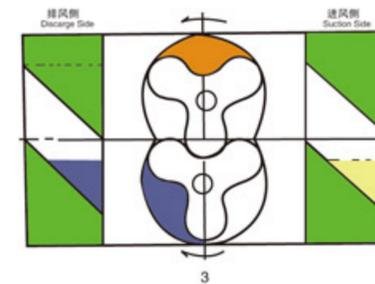
A转子：进风侧整个转子宽度都处于打开并开始循序闭合的状态。排风侧处于循序打开并且是打开一半以上的状态。  
B转子：进风侧处于循序闭合并接近完全闭合的状态，排风侧处于没有打开单将要打开的状态。

Rotor A: The suction side is open over the full length thereof, and is about to close gradually. While, the discharge side is open half-way by opening gradually.  
Rotor B: The suction side is almost fully closed by closed by closing gradually. While, the discharge side is not yet opened but is about to open.



A转子：进风侧整个转子处于较（1）闭合了一些的状态，斜线示出上的三角孔沿机壳遮壁线循序缩小。排风侧处于已排风完毕的状态。  
B转子：进风侧处于即将到达机壳遮壁线的状态，排风排风过程中，三角孔循序打开的状态。

Rotor A: The suction side is a little more closed than case (1), where the shanded triangle port is going smaller gradually along with the screen line of casing. While, discharge has already been completed at the discharge side.  
Rotor B: The suction side is immediately before going on to the screen line of casing. While, the discharge side is under the discharge process. where the triangle port is opening gradually.



A转子：进风侧和排风侧都处于闭合状态，但排风侧处于即将打开的状态  
B转子：进风侧刚刚进入闭合过程，处于循序闭合的状态，排风侧已循序打开，即将到达全开状态。

Rotor A: Both of the suction and discharge sides are closed and immediately before opening at the discharge side.  
Rotor B: The closing process has discharge side is immediately before full opening by opening gradually.

No	名称 Name	材质 Material	数量 Qty	No	名称 Name	材质 Material	数量 Qty	No	名称 Name	材质 Material	数量 Qty
1	机壳 Casing	HT200	1	10	齿端密封圈 Stop Ring (Gear Side)	丁晴胶	2	19	轴套 Collar	45	1
2	叶轮 Impeller	QT400	2	11	密封轴套 Seal Bushings	45	2	20	端盖 End Plate	Q235	1
3	主动轴 Drive Shaft	45	1	12	主动轴承压盖 Bearing Cover (Drive Side)	HT200	1	21	平键 Parallel Key	45	1
4	从动轴 Driven Shaft	45	1	13	从动轴承压盖 Bearing Cover (Driven Side)	HT200	1	22	丝堵 Drain Plug	35	1
5	驱端侧板 Side Cover (Drive Side)	HT200	1	14	唇形密封圈 Labiate Seal	丁晴胶	1	23	油标 Oil Gauge		1
6	齿端侧板 Side Cover (Gear Side)	HT200	1	15	齿轮 Gear	20CrMnTi	2	24	排气体 Air Breather	45	1
7	主动轴承 Bearing (Drive Side)	GCr15	2	16	齿轮止动螺母 Gear Lock Nut	45	2	25	压注油杯 Grease Nipple	C3604	2
8	从动轴承 Bearing (Driven Side)	GCr15	2	17	齿轮止动垫圈 Gear Lock Washer	Q235	2				
9	齿端密封圈 Stop Ring (Gear Side)	丁晴胶	2	18	齿轮箱 Gear Case	HT200	1				

ZHSR 型风机用途实例

TYPE ZHSR BLOWER APPLICATION EXAMPLES

<p><b>鱼塘供养</b></p> <p>罗茨风机</p> <p>用于搅动水池沉淀物并净化水池</p>	<p><b>锅炉废气排放</b></p> <p>罗茨风机</p> <p>有助于锅炉燃烧, 加快废气排出</p>	<p><b>喷砂机</b></p> <p>罗茨风机</p> <p>用作喷砂器喷射气源</p>	<p><b>喷雾器</b></p> <p>罗茨风机</p> <p>用于涂装等喷雾器供给不含油质的高压排气</p>
<p><b>畜粪发酵的堆肥</b></p> <p>罗茨风机</p> <p>加快家畜粪便的发酵堆肥</p>	<p><b>电镀槽</b></p> <p>罗茨风机</p> <p>为提高电镀质量, 用鼓风机加速电解池中循环, 对电解池供气。</p>	<p><b>煤气燃烧器</b></p> <p>罗茨风机</p> <p>高速空气使燃料充分雾化</p>	<p><b>空气刷</b></p> <p>罗茨风机</p> <p>高压无油空气是用于各个空气刷设备</p>
<p><b>烘干生产线</b></p> <p>罗茨风机</p> <p>用于小规模生产线的烘干</p>	<p><b>谷物传送</b></p> <p>罗茨风机</p> <p>用气体输送由回转式导向阀下来的小麦等谷物</p>	<p><b>颗粒传送</b></p> <p>罗茨风机</p> <p>用于输送氯化钠、聚乙烯等颗粒状原料</p>	<p><b>循环管路</b></p> <p>罗茨风机</p> <p>用于氮、二氧化碳、城市燃烧</p>
<p><b>鱼塘供氧</b></p> <p>罗茨风机</p> <p>用于深水鱼塘的水下供氧</p>	<p><b>印刷机供纸</b></p> <p>罗茨风机</p> <p>用输出空气分开, 校准和供纸使操作更简单</p>	<p><b>清洁管道</b></p> <p>罗茨风机</p> <p>用于更换和检修管道时, 管内污物的去除</p>	<p><b>瓶罐清洗</b></p> <p>罗茨风机</p> <p>用于冲洗瓶罐后内壁附洋水滴的清除</p>
<p><b>压力机械</b></p> <p>罗茨风机</p> <p>用于工件成型后的脱模</p>	<p><b>桑拿浴</b></p> <p>罗茨风机</p> <p>桑拿浴有益于健康</p>	<p><b>逆洗</b></p> <p>罗茨风机</p> <p>过滤材料和过滤的逆洗</p>	<p><b>压载泵</b></p> <p>罗茨风机</p> <p>用于液体化学的船的卸载和其他压泵</p>

ZHSR-50型三叶罗茨鼓风机性能表参数

ZHSR-50 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1100	9.8	1.22	0.30	Y80M2-4	0.75	87
	14.7	1.14	0.44	Y80M2-4	0.75	87
	19.6	1.11	0.50	Y80M2-4	0.75	87
	24.5	1.03	0.67	Y80M2-4	0.75	87
	29.4	0.98	0.79	Y90S-4	1.1	91
	34.3	0.92	0.91	Y90S-4	1.1	91
	39.2	0.89	1.05	Y90L-4	1.5	95
	44.1	0.83	1.16	Y90L-4	1.5	95
	49.0	0.75	1.34	Y90L-4	1.5	95
	53.9	0.70	1.54	Y100L1-4	2.2	103
	58.8	0.65	1.77	Y100L1-4	2.2	103
	63.7	0.61	2.01	Y100L2-4	2.2	103
1230	68.6	0.56	2.25	Y100L2-4	3.0	108
	73.5	0.52	2.49	Y100L2-4	3.0	108
	78.4	0.49	2.73	Y112M-4	4.0	119
	83.3	0.45	3.00	Y112M-4	4.0	119
	88.2	0.40	3.30	Y112M-4	4.0	119
	93.1	0.37	3.60	Y112M-4	4.0	119
	98.0	0.34	3.90	Y112M-4	4.0	119
	102.9	0.31	4.20	Y112M-4	4.0	119
	107.8	0.28	4.50	Y112M-4	4.0	119
	112.7	0.26	4.80	Y112M-4	4.0	119
	117.6	0.24	5.10	Y112M-4	4.0	119
	122.5	0.22	5.40	Y112M-4	4.0	119
1350	127.4	0.20	5.70	Y112M-4	4.0	119
	132.3	0.18	6.00	Y112M-4	4.0	119
	137.2	0.17	6.30	Y112M-4	4.0	119
	142.1	0.16	6.60	Y112M-4	4.0	119
	147.0	0.15	6.90	Y112M-4	4.0	119
	151.9	0.14	7.20	Y112M-4	4.0	119
	156.8	0.13	7.50	Y112M-4	4.0	119
	161.7	0.12	7.80	Y112M-4	4.0	119
	166.6	0.11	8.10	Y112M-4	4.0	119
	171.5	0.10	8.40	Y112M-4	4.0	119
	176.4	0.09	8.70	Y112M-4	4.0	119
	181.3	0.08	9.00	Y112M-4	4.0	119
1430	186.2	0.07	9.30	Y112M-4	4.0	119
	191.1	0.06	9.60	Y112M-4	4.0	119
	196.0	0.05	9.90	Y112M-4	4.0	119
	200.9	0.04	10.20	Y112M-4	4.0	119
	205.8	0.03	10.50	Y112M-4	4.0	119
	210.7	0.02	10.80	Y112M-4	4.0	119
	215.6	0.01	11.10	Y112M-4	4.0	119
	220.5	0.01	11.40	Y112M-4	4.0	119
	225.4	0.00	11.70	Y112M-4	4.0	119
	230.3	0.00	12.00	Y112M-4	4.0	119
	235.2	0.00	12.30	Y112M-4	4.0	119
	240.1	0.00	12.60	Y112M-4	4.0	119
1530	245.0	0.00	12.90	Y112M-4	4.0	119
	249.9	0.00	13.20	Y112M-4	4.0	119
	254.8	0.00	13.50	Y112M-4	4.0	119
	259.7	0.00	13.80	Y112M-4	4.0	119
	264.6	0.00	14.10	Y112M-4	4.0	119
	269.5	0.00	14.40	Y112M-4	4.0	119
	274.4	0.00	14.70	Y112M-4	4.0	119
	279.3	0.00	15.00	Y112M-4	4.0	119
	284.2	0.00	15.30	Y112M-4	4.0	119
	289.1	0.00	15.60	Y112M-4	4.0	119
	294.0	0.00	15.90	Y112M-4	4.0	119
	298.9	0.00	16.20	Y112M-4	4.0	119

注: △所示转速优选直联传动, 电压380V.

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1640	9.8	1.89	0.64	Y90S-4	1.1	91
	14.7	1.79	0.81	Y90S-4	1.1	91
	19.6	1.74	1.02	Y90L-4	1.5	95
	24.5	1.71	1.15	Y90L-4	1.5	95
	29.4	1.65	1.46	Y100L1-4	2.2	103
	34.3	1.61	1.64	Y100L1-4	2.2	103
	39.2	1.56	1.82	Y100L1-4	2.2	103
	44.1	1.52	1.88	Y100L1-4	2.2	103
	49.0	1.48	2.23	Y100L2-4	3.0	108
	53.9	1.43	2.28	Y100L2-4	3.0	108
	58.8	1.40	2.60	Y100L2-4	3.0	108
	63.7	1.38	2.75	Y112M-4	4.0	119
1730	68.6	1.35	3.16	Y112M-4	4.0	119
	73.5	1.32	3.32	Y112M-4	4.0	119
	78.4	1.29	3.89	Y132S-4	5.5	137
	83.3	1.24	4.27	Y132S-4	5.5	137
	88.2	1.18	4.23	Y132S-4	5.5	137
	93.1	1.13	4.80	Y132S-4	5.5	137
	98.0	1.06	5.20	Y132M-4	7.5	151
	102.9	1.00	5.20	Y132M-4	7.5	151
	107.8	0.98	5.20	Y132M-4	7.5	151
	112.7	0.95	5.20	Y132M-4	7.5	151
	117.6	0.92	5.20	Y132M-4	7.5	151
	122.5	0.89	5.20	Y132M-4	7.5	151
1840	127.4	0.88	5.20	Y132M-4	7.5	151
	132.3	0.86	5.20	Y132M-4	7.5	151
	137.2	0.84	5.20	Y132M-4	7.5	151
	142.1	0.82	5.20	Y132M-4	7.5	151
	147.0	0.80	5.20	Y132M-4	7.5	151
	151.9	0.78	5.20	Y132M-4	7.5	151
	156.8	0.76	5.20	Y132M-4	7.5	151
	161.7	0.74	5.20	Y132M-4	7.5	151
	166.6	0.72	5.20	Y132M-4	7.5	151
	171.5	0.70	5.20	Y132M-4	7.5	151
	176.4	0.68	5.20	Y132M-4	7.5	151
	181.3	0.66	5.20	Y132M-4	7.5	151

Note: △ Indicates direct connection drive for speed optimization. The voltage is 380V.

ZHSR-65型三叶罗茨鼓风机性能表参数

ZHSR-65 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1100	9.8	1.68	0.38	Y80M2-4	0.75	98
	14.7	1.55	0.63	Y90S-4	1.1	102
	19.6	1.50	0.82	Y90S-4	1.1	102
	24.5	1.42	1.02	Y90L-4	1.5	106
	29.4	1.34	1.18	Y90L-4	1.5	106
	34.3	1.23	1.37	Y90L-4	1.5	106
	39.2	1.15	1.54	Y100L1-4	2.2	114
	44.1	1.10	1.74	Y100L1-4	2.2	114
	49.0	1.05	1.84	Y100L1-4	2.2	114
	53.9	0.99	2.02	Y100L2-4	3.0	119
	58.8	0.94	2.25	Y100L2-4	3.0	119
	63.7	0.89	2.52	Y100L2-4	3.0	119
	68.6	0.85	2.86	Y112M-4	4.0	130
	73.5	0.80	3.22	Y112M-4	4.0	130
	78.4	0.76	3.58	Y132S-4	5.5	148
1240	9.8	1.94	0.48	Y80M2-4	0.75	98
	14.7	1.84	0.72	Y90S-4	1.1	102
	19.6	1.75	0.94	Y90L-4	1.5	106
	24.5	1.63	1.14	Y90L-4	1.5	106
	29.4	1.55	1.35	Y90L-4	1.5	106
	34.3	1.50	1.55	Y100L1-4	2.2	114
	39.2	1.45	1.76	Y100L1-4	2.2	114
	44.1	1.35	1.94	Y100L1-4	2.2	114
	49.0	1.31	2.12	Y100L2-4	3.0	119
	53.9	1.25	2.32	Y100L2-4	3.0	119
	58.8	1.19	2.58	Y100L2-4	3.0	119
	63.7	1.13	2.89	Y112M-4	4.0	130
	68.6	1.08	3.17	Y112M-4	4.0	130
	73.5	1.03	3.49	Y112M-4	4.0	130
	78.4	0.98	3.84	Y132S-4	5.5	148
1360	9.8	2.16	0.56	Y90S-4	1.1	102
	14.7	2.08	0.83	Y90S-4	1.1	102
	19.6	1.95	1.06	Y90L-4	1.5	106
	24.5	1.87	1.26	Y90L-4	1.5	106
	29.4	1.81	1.50	Y100L1-4	2.2	114
	34.3	1.75	1.73	Y100L1-4	2.2	114
	39.2	1.68	1.96	Y100L1-4	2.2	114
	44.1	1.62	2.20	Y100L2-4	3.0	119
	49.0	1.56	2.33	Y100L2-4	3.0	119
	53.9	1.51	2.55	Y100L2-4	3.0	119
	58.8	1.45	2.80	Y112M-4	4.0	130
	63.7	1.39	3.08	Y112M-4	4.0	130
	68.6	1.34	3.42	Y112M-4	4.0	130
	73.5	1.28	3.76	Y132S-4	5.5	148
	78.4	1.23	4.13	Y132S-4	5.5	148
1440	9.8	2.31	0.63	Y90S-4	1.1	102
	14.7	2.24	0.85	Y90S-4	1.1	102
	19.6	2.16	1.14	Y90L-4	1.5	106
	24.5	2.08	1.36	Y90L-4	1.5	106
	29.4	2.01	1.62	Y100L1-4	2.2	114
	34.3	1.94	1.83	Y100L1-4	2.2	114
	39.2	1.88	2.12	Y100L2-4	3.0	119
	44.1	1.82	2.34	Y100L2-4	3.0	119
	49.0	1.76	2.56	Y100L2-4	3.0	119
	53.9	1.70	2.75	Y112M-4	4.0	130
	58.8	1.65	3.02	Y112M-4	4.0	130
	63.7	1.60	3.35	Y112M-4	4.0	130
	68.6	1.55	3.68	Y132S-4	5.5	148
	73.5	1.51	4.04	Y132S-4	5.5	148
	78.4	1.46	4.45	Y132S-4	5.5	148
1530	9.8	2.44	0.70	Y90S-4	1.1	102
	14.7	2.36	0.98	Y90L-4	1.5	106
	19.6	2.28	1.22	Y90L-4	1.5	106
	24.5	2.23	1.47	Y100L1-4	2.2	114
	29.4	2.15	1.70	Y100L1-4	2.2	114
	34.3	2.09	1.95	Y100L1-4	2.2	114
	39.2	2.04	2.27	Y100L2-4	3.0	119
	44.1	1.97	2.52	Y100L2-4	3.0	119
	49.0	1.92	2.74	Y112M-4	4.0	130
	53.9	1.86	2.95	Y112M-4	4.0	130
	58.8	1.80	3.22	Y112M-4	4.0	130
	63.7	1.74	3.50	Y132S-4	5.5	148
	68.6	1.69	3.80	Y132S-4	5.5	148
	73.5	1.64	4.14	Y132S-4	5.5	148
	78.4	1.59	4.49	Y132S-4	5.5	148

注：△所示转速优选直联传动，电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1640	9.8	2.66	0.80	Y90S-4	1.1	102
	14.7	2.59	1.05	Y90L-4	1.5	106
	19.6	2.51	1.35	Y90L-4	1.5	106
	24.5	2.44	1.62	Y100L1-4	2.2	114
	29.4	2.38	1.85	Y100L1-4	2.2	114
	34.3	2.32	2.15	Y100L2-4	3.0	119
	39.2	2.26	2.48	Y100L2-4	3.0	119
	44.1	2.20	2.75	Y112M-4	4.0	130
	49.0	2.14	2.93	Y112M-4	4.0	130
	53.9	2.08	3.24	Y112M-4	4.0	130
	58.8	2.03	3.44	Y112M-4	4.0	130
	63.7	1.98	3.74	Y132S-4	5.5	148
	68.6	1.92	4.06	Y132S-4	5.5	148
	73.5	1.86	4.42	Y132S-4	5.5	148
	1740	9.8	2.88	0.89	Y90L-4	1.5
14.7		2.78	1.20	Y90L-4	1.5	106
19.6		2.71	1.45	Y100L1-4	2.2	114
24.5		2.64	1.76	Y100L1-4	2.2	114
29.4		2.58	2.02	Y100L1-4	2.2	114
34.3		2.53	2.32	Y100L2-4	3.0	119
39.2		2.48	2.66	Y100L2-4	3.0	119
44.1		2.41	2.96	Y112M-4	4.0	130
49.0		2.34	3.18	Y112M-4	4.0	130
53.9		2.28	3.47	Y112M-4	4.0	130
58.8		2.23	3.72	Y132S-4	5.5	148
63.7		1.98	3.74	Y132S-4	5.5	148
68.6		1.92	4.06	Y132S-4	5.5	148
73.5		1.86	4.42	Y132S-4	5.5	148
1820		9.8	3.00	0.96	Y90L-4	1.5
	14.7	2.93	1.25	Y90L-4	1.5	106
	19.6	2.85	1.54	Y100L1-4	2.2	114
	24.5	2.78	1.88	Y100L1-4	2.2	114
	29.4	2.72	2.15	Y100L2-4	3.0	119
	34.3	2.68	2.44	Y100L2-4	3.0	119
	39.2	2.62	2.75	Y112M-4	4.0	130
	44.1	2.56	3.12	Y112M-4	4.0	130
	49.0	2.50	3.35	Y112M-4	4.0	130
	53.9	2.44	3.65	Y112M-4	4.0	130
	58.8	2.38	3.93	Y132S-4	5.5	148
	63.7	2.34	4.36	Y132S-4	5.5	148
	68.6	2.27	4.75	Y132S-4	5.5	148
	73.5	2.20	5.15	Y132M-4	7.5	162
	78.4	2.13	5.74	Y132M-4	7.5	162

Note: △ Indicates direct connection drive for speed optimization. The voltage is 380V.

ZHSR-80型三叶罗茨鼓风机性能表参数

ZHSR-80 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1140	9.8	3.09	1.04	Y100L1-4	2.2	156
	14.7	3.02	1.34	Y100L1-4	2.2	156
	19.6	2.92	1.62	Y100L1-4	2.2	156
	24.5	2.82	1.95	Y100L1-4	2.2	156
	29.4	2.75	2.12	Y100L2-4	3.0	161
	34.3	2.68	2.45	Y100L2-4	3.0	161
	39.2	2.59	2.67	Y100L2-4	3.0	161
	44.1	2.52	3.02	Y112M-4	4.0	172
	49.0	2.45	3.25	Y112M-4	4.0	172
	53.9	2.38	3.45	Y112M-4	4.0	172
	58.8	2.34	3.76	Y132S-4	5.5	187
	63.7	2.27	4.09	Y132S-4	5.5	187
	68.6	2.20	4.44	Y132S-4	5.5	187
	73.5	2.14	4.83	Y132S-4	5.5	187
	78.4	2.07	5.25	Y132M-4	7.5	200
1230	9.8	3.37	1.14	Y100L1-4	2.2	156
	14.7	3.26	1.44	Y100L1-4	2.2	156
	19.6	3.16	1.75	Y100L1-4	2.2	156
	24.5	3.09	2.04	Y100L2-4	3.0	161
	29.4	3.04	2.33	Y100L2-4	3.0	161
	34.3	2.95	2.63	Y100L2-4	3.0	161
	39.2	2.88	2.96	Y112M-4	4.0	172
	44.1	2.80	3.25	Y112M-4	4.0	172
	49.0	2.74	3.55	Y112M-4	4.0	172
	53.9	2.65	3.83	Y132S-4	5.5	187
	58.8	2.60	4.13	Y132S-4	5.5	187
	63.7	2.52	4.49	Y132S-4	5.5	187
	68.6	2.45	4.88	Y132S-4	5.5	187
	73.5	2.37	5.30	Y132M-4	7.5	200
	78.4	2.30	5.76	Y132M-4	7.5	200
1300	9.8	3.59	1.22	Y100L1-4	2.2	156
	14.7	3.50	1.55	Y100L1-4	2.2	156
	19.6	3.42	1.86	Y100L1-4	2.2	156
	24.5	3.35	2.23	Y100L2-4	3.0	161
	29.4	3.28	2.63	Y100L2-4	3.0	161
	34.3	3.22	2.85	Y112M-4	4.0	172
	39.2	3.14	3.16	Y112M-4	4.0	172
	44.1	3.05	3.47	Y112M-4	4.0	172
	49.0	2.98	3.75	Y132S-4	5.5	187
	53.9	2.92	4.07	Y132S-4	5.5	187
	58.8	2.86	4.43	Y132S-4	5.5	187
	63.7	2.77	4.82	Y132S-4	5.5	187
	68.6	2.69	5.23	Y132M-4	7.5	200
	73.5	2.61	5.69	Y132M-4	7.5	200
	78.4	2.53	6.18	Y132M-4	7.5	200
1360	9.8	3.77	1.29	Y100L1-4	2.2	156
	14.7	3.67	1.65	Y100L1-4	2.2	156
	19.6	3.58	1.97	Y100L1-4	2.2	156
	24.5	3.51	2.35	Y100L2-4	3.0	161
	29.4	3.44	2.62	Y100L2-4	3.0	161
	34.3	3.35	2.97	Y112M-4	4.0	172
	39.2	3.28	3.33	Y112M-4	4.0	172
	44.1	3.20	3.65	Y132S-4	5.5	187
	49.0	3.14	3.95	Y132S-4	5.5	187
	53.9	3.07	4.32	Y132S-4	5.5	187
	58.8	3.01	4.67	Y132S-4	5.5	187
	63.7	2.95	5.08	Y132M-4	7.5	200
	68.6	2.86	5.52	Y132M-4	7.5	200
	73.5	2.77	5.99	Y132M-4	7.5	200
	78.4	2.69	6.52	Y132M-4	7.5	200
1440	9.8	4.06	1.40	Y100L1-4	2.2	156
	14.7	3.90	1.80	Y100L1-4	2.2	156
	19.6	3.78	2.12	Y100L2-4	3.0	161
	24.5	3.67	2.53	Y100L2-4	3.0	161
	29.4	3.58	3.11	Y112M-4	4.0	172
	34.3	3.50	3.22	Y112M-4	4.0	172
	39.2	3.42	3.80	Y132S-4	5.5	187

ZHSR-100型三叶罗茨鼓风机性能表参数

ZHSR-100 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1060	9.8	4.57	1.35	Y100L1-4	2.2	190
	14.7	4.42	1.83	Y100L1-4	2.2	190
	19.6	4.26	2.25	Y100L2-4	3.0	195
	24.5	4.06	2.72	Y100L2-4	3.0	195
	29.4	3.93	3.12	Y112M-4	4.0	206
	34.3	3.84	3.55	Y112M-4	4.0	206
	39.2	3.72	4.02	Y132S-4	5.5	221
	44.1	3.57	4.46	Y132S-4	5.5	221
	49.0	3.46	4.97	Y132S-4	5.5	221
	53.9	3.35	5.42	Y132M-4	7.5	234
	58.8	3.25	5.85	Y132M-4	7.5	234
	63.7	3.17	6.36	Y132M-4	7.5	234
	68.6	3.09	6.91	Y132M-4	7.5	234
	73.5	3.01	7.51	Y160M-4	11	279
	78.4	2.94	8.17	Y160M-4	11	279
	83.3	2.87	8.83	Y160M-4	11	279
	88.2	2.79	9.59	Y160M-4	11	279
	1140	9.8	4.98	1.53	Y100L1-4	2.2
14.7		4.82	2.03	Y100L2-4	3.0	195
19.6		4.67	2.44	Y100L2-4	3.0	195
24.5		4.52	2.94	Y112M-4	4.0	206
29.4		4.38	3.43	Y112M-4	4.0	206
34.3		4.25	3.93	Y132S-4	5.5	221
39.2		4.14	4.35	Y132S-4	5.5	221
44.1		4.03	4.86	Y132S-4	5.5	221
49.0		3.92	5.35	Y132M-4	7.5	234
53.9		3.83	5.85	Y132M-4	7.5	234
58.8		3.73	6.35	Y132M-4	7.5	234
63.7		3.65	6.90	Y132M-4	7.5	234
68.6		3.58	7.51	Y160M-4	11	279
73.5		3.51	8.15	Y160M-4	11	279
78.4		3.44	8.86	Y160M-4	11	279
83.3		3.37	9.60	Y160M-4	11	279
88.2		3.30	10.40	Y160M-4	11	279
1220		9.8	5.36	1.69	Y100L1-4	2.2
	14.7	5.15	2.22	Y100L2-4	3.0	195
	19.6	5.01	2.72	Y112M-4	4.0	206
	24.5	4.87	3.23	Y112M-4	4.0	206
	29.4	4.75	3.73	Y132S-4	5.5	221
	34.3	4.63	4.22	Y132S-4	5.5	221
	39.2	4.55	4.74	Y132S-4	5.5	221
	44.1	4.44	5.27	Y132M-4	7.5	234
	49.0	4.35	5.78	Y132M-4	7.5	234
	53.9	4.25	6.35	Y132M-4	7.5	234
	58.8	4.15	6.92	Y132M-4	7.5	234
	63.7	4.06	7.52	Y160M-4	11	279
	68.6	3.98	8.18	Y160M-4	11	279
	73.5	3.90	8.88	Y160M-4	11	279
	78.4	3.83	9.65	Y160M-4	11	279
	83.3	3.75	10.10	Y160M-4	11	279
	88.2	3.68	10.40	Y160M-4	11	279
	1310	9.8	6.33	2.18	Y100L2-4	3.0
14.7		6.38	2.75	Y112M-4	4.0	206
19.6		6.27	3.42	Y112M-4	4.0	206
24.5		6.13	3.96	Y132S-4	5.5	221
29.4		6.02	4.64	Y132S-4	5.5	221
34.3		5.87	5.22	Y132M-4	7.5	234
39.2		5.75	5.85	Y132M-4	7.5	234
44.1		5.66	6.54	Y132M-4	7.5	234
49.0		5.56	7.13	Y132M-4	7.5	234
53.9		5.45	7.76	Y160M-4	11	279
58.8		5.36	8.43	Y160M-4	11	279
63.7		5.28	9.23	Y160M-4	11	279
68.6		5.19	9.85	Y160M-4	11	279
73.5		5.10	10.44	Y160M-4	11	279
78.4		5.01	10.91	Y160M-4	11	279
83.3		4.92	11.32	Y160M-4	11	279
88.2		4.83	11.85	Y160M-4	11	279
1460		9.8	7.41	2.30	Y100L2-4	3.0
	14.7	7.42	2.94	Y112M-4	4.0	206
	19.6	7.33	3.63	Y112M-4	4.0	206
	24.5	7.21	4.36	Y132S-4	5.5	221
	29.4	7.10	5.13	Y132S-4	5.5	221
	34.3	6.97	5.94	Y132M-4	7.5	234
	39.2	6.85	6.79	Y132M-4	7.5	234
	44.1	6.72	7.68	Y132M-4	7.5	234
	49.0	6.59	8.60	Y132M-4	7.5	234
	53.9	6.45	9.55	Y160M-4	11	279
	58.8	6.32	10.53	Y160M-4	11	279
	63.7	6.19	11.54	Y160M-4	11	279
	68.6	6.06	12.58	Y160M-4	11	279
	73.5	5.93	13.64	Y160M-4	11	279
	78.4	5.80	14.72	Y160M-4	11	279
	83.3	5.67	15.82	Y160M-4	11	279
	88.2	5.54	16.94	Y160M-4	11	279

注: △所示转速优选直联传动, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1640	9.8	6.91	2.40	Y100L2-4	3.0	195
	14.7	6.79	3.04	Y112M-4	4.0	206
	19.6	6.63	3.66	Y112M-4	4.0	206
	24.5	6.55	4.32	Y132S-4	5.5	221
	29.4	6.42	4.95	Y132S-4	5.5	221
	34.3	6.30	5.65	Y132M-4	7.5	234
	39.2	6.17	6.32	Y132M-4	7.5	234
	44.1	6.07	6.97	Y132M-4	7.5	234
	49.0	5.97	7.64	Y160M-4	11	279
	53.9	5.89	8.35	Y160M-4	11	279
	58.8	5.78	9.02	Y160M-4	11	279
	63.7	5.70	9.75	Y160L-4	15	297
	68.6	5.64	10.46	Y160L-4	15	297
	73.5	5.56	11.12	Y160L-4	15	297
	78.4	5.47	11.86	Y160L-4	15	297
	83.3	5.38	12.66	Y160L-4	15	297
	88.2	5.28	13.51	Y160L-4	15	297
	1680	9.8	7.63	2.78	Y112M-4	4.0
14.7		7.48	3.45	Y112M-4	4.0	206
19.6		7.39	4.15	Y132S-4	5.5	221
24.5		7.26	4.92	Y132S-4	5.5	221
29.4		7.15	5.64	Y132M-4	7.5	234
34.3		7.04	6.33	Y132M-4	7.5	234
39.2		6.90	7.10	Y132M-4	7.5	234
44.1		6.84	7.85	Y160M-4	11	279
49.0		6.71	8.63	Y160M-4	11	279
53.9		6.65	9.32	Y160M-4	11	279
58.8		6.53	10.05	Y160M-4	11	279
63.7		6.44	10.77	Y160L-4	15	297
68.6		6.35	11.53	Y160L-4	15	297
73.5		6.26	12.21	Y160L-4	15	297
78.4		6.16	12.63	Y160L-4	15	297
83.3		6.08	12.90	Y160L-4	15	297
88.2		6.00	13.20	Y160L-4	15	297
1780		9.8	8.05	3.08	Y112M-4	4.0
	14.7	7.94	3.83	Y132S-4	5.5	221
	19.6	7.86	4.58	Y132S-4	5.5	221
	24.5	7.75	5.35	Y132M-4	7.5	234
	29.4	7.64	6.13	Y132M-4	7.5	234
	34.3	7.54	6.84	Y132M-4	7.5	234
	39.2	7.44	7.65	Y160M-4	11	279
	44.1	7.34	8.45	Y160M-4	11	279
	49.0	7.25	9.13	Y160M-4	11	279
	53.9	7.16	9.95	Y160M-4	11	279
	58.8	7.04	10.73	Y160L-4	15	297
	63.7	6.95	11.52	Y160L-4	15	297
	68.6	6.87	12.34	Y160L-4	15	297
	73.5	6.83	13.07	Y160L-4	15	297
	78.4	6.75	13.44	Y160L-4	15	297
	83.3	6.65	13.92	Y180M-4	18.5	323
	88.2	6.58	14.10	Y180M-4	18.5	323
	93.1	6.48	14.52	Y180M-4	18.5	323
98.0	6.36	14.88	Y180M-4	18.5	323	

Note: △ Indicates direct connection drive for speed optimization. The voltage is 380V.

ZHSR-125型三叶罗茨鼓风机性能表参数

ZHSR-125 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
960	9.8	6.50	1.65	Y100L2-4	3.0	285
	14.7	6.32	2.25	Y100L2-4	3.0	285
	19.6	6.13	2.83	Y112M-4	4.0	285
	24.5	6.03	3.42	Y112M-4	4.0	285
	29.4	5.93	4.12	Y132S-4	5.5	299
	34.3	5.80	4.73	Y132S-4	5.5	299
	39.2	5.73	5.42	Y132M-4	7.5	312
	44.1	5.62	6.13	Y132M-4	7.5	312
	49.0	5.58	6.72	Y132M-4	7.5	312
	53.9	5.45	7.22	Y160M-4	11	357
	58.8	5.35	8.03	Y160M-4	11	357
	63.7	5.24	8.92	Y160M-4	11	392
	68.6	5.14	9.81	Y160L-4	15	410
	73.5	5.04	10.89	Y160L-4	15	410
	78.4	4.93	12.10	Y160L-4	15	410
	83.3	4.86	13.20	Y160L-4	15	410
	88.2	4.79	14.10	Y180M-4	18.5	436
	1050	9.8	6.95	1.90	Y100L2-4	3.0
14.7		6.75	2.53	Y100L2-4	3.0	285
19.6		6.65	3.13	Y112M-4	4.0	285
24.5		6.52	3.83	Y132S-4	5.5	299
29.4		6.45	4.55	Y132S-4	5.5	299
34.3		6.32	5.22	Y132M-4	7.5	312
39.2		6.20	5.93	Y132M-4	7.5	312
44.1		6.13	6.63	Y132M-4	7.5	312
49.0		6.05	7.32	Y160M-4	11	357
53.9		5.93	7.93	Y160M-4	11	357
58.8		5.83	8.73	Y160M-4	11	357
63.7		5.74	9.51	Y160L-4	15	410
68.6		5.63	10.38	Y160L-4	15	410
73.5		5.52	11.33	Y160L-4	15	410
78.4		5.41	12.30	Y160L-4	15	410
83.3		5.31	13.30	Y180M-4	18.5	436
88.2		5.21	14.30	Y180M-4	18.5	436
1200		9.8	8.00	2.50	Y100L2-4	3.0
	14.7	7.82	3.22	Y112M-4	4.0	285
	19.6	7.67	3.95	Y132S-4	5.5	299
	24.5	7.53	4.72	Y132S-4	5.5	299
	29.4	7.43	5.52	Y132M-4	7.5	312
	34.3	7.32	6.25	Y132M-4	7.5	312
	39.2	7.23	7.13	Y160M-4	11	357
	44.1	7.12	7.92	Y160M-4	11	357
	49.0	7.03	8.63	Y160M-4	11	357
	53.9	6.98	9.43	Y160M-4	11	357
	58.8	6.90	10.23	Y160L-4	15	410
	63.7	6.83	11.05	Y160L-4	15	410
	68.6	6.74	11.82	Y160L-4	15	410
	73.5	6.66	12.55	Y160L-4	15	410

ZHSR-125L型三叶罗茨鼓风机性能表参数

ZHSR-125L THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
980 △	9.8	9.46	2.40	Y112M-4	4.0	330
	14.7	9.20	3.27	Y112M-4	4.0	330
	19.6	8.95	4.12	Y132S-4	5.5	345
	24.5	8.77	4.97	Y132M-4	7.5	357
	29.4	8.66	5.99	Y132M-4	7.5	357
	34.3	8.44	6.88	Y160M-4	11	402
	39.2	8.38	7.89	Y160M-4	11	402
	44.1	8.18	8.92	Y160M-4	11	402
	49.0	8.08	9.78	Y160M-4	11	402
	53.9	7.93	10.51	Y160L-4	15	420
1050	9.8	10.11	2.76	Y112M-4	4.0	330
	14.7	9.82	3.68	Y132S-4	5.5	345
	19.6	9.65	4.55	Y132S-4	5.5	345
	24.5	9.49	5.57	Y132M-4	7.5	357
	29.4	9.34	6.62	Y132M-4	7.5	357
	34.3	9.20	7.60	Y160M-4	11	402
	39.2	9.05	8.63	Y160M-4	11	402
	44.1	8.92	9.65	Y160M-4	11	402
	49.0	8.77	10.65	Y160L-4	15	420
	53.9	8.36	11.56	Y160L-4	15	420
1200	9.8	11.64	3.64	Y132S-4	5.5	345
	14.7	11.38	4.68	Y132S-4	5.5	345
	19.6	11.16	5.75	Y132M-4	7.5	357
	24.5	10.96	6.87	Y160M-4	11	402
	29.4	10.81	8.03	Y160M-4	11	402
	34.3	10.65	9.10	Y160M-4	11	402
	39.2	10.52	10.38	Y160L-4	15	420
	44.1	10.36	11.53	Y160L-4	15	420
	49.0	10.22	12.56	Y160L-4	15	420
	53.9	9.46	13.73	Y160L-4	15	420
1310	9.8	12.74	4.22	Y132S-4	5.5	345
	14.7	12.41	5.28	Y132S-4	5.5	345
	19.6	12.25	6.59	Y132S-4	5.5	345
	24.5	12.01	7.76	Y160M-4	11	402
	29.4	11.89	9.07	Y160M-4	11	402
	34.3	11.74	10.23	Y160L-4	15	420
	39.2	11.67	11.53	Y160L-4	15	420
	44.1	11.54	12.85	Y160L-4	15	420
	49.0	11.41	14.00	Y180M-4	18.5	446
	53.9	11.29	14.60	Y180M-4	18.5	446
1390	9.8	13.54	4.65	Y132S-4	5.5	345
	14.7	13.27	5.85	Y132M-4	7.5	357
	19.6	13.00	7.16	Y160M-4	11	402
	24.5	12.88	8.47	Y160M-4	11	402
	29.4	12.69	9.78	Y160M-4	11	402
	34.3	12.59	11.09	Y160L-4	15	420
	39.2	12.40	12.40	Y160L-4	15	420
	44.1	12.25	13.70	Y180M-4	18.5	446
	49.0	12.15	15.04	Y180M-4	18.5	446
	53.9	12.01	16.40	Y180M-4	18.5	446

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1460 △	9.8	14.15	5.02	Y132M-4	7.5	357
	14.7	13.80	6.15	Y132M-4	7.5	357
	19.6	13.58	7.60	Y160M-4	11	402
	24.5	13.43	8.92	Y160M-4	11	402
	29.4	13.29	10.38	Y160L-4	15	420
	34.3	13.14	11.69	Y160L-4	15	420
	39.2	13.00	13.13	Y160L-4	15	420
	44.1	12.84	14.45	Y180M-4	18.5	446
	49.0	12.74	15.90	Y180M-4	18.5	446
	53.9	12.71	17.21	Y180L-4	22	461
1530	9.8	14.95	5.53	Y132M-4	7.5	357
	14.7	14.69	6.87	Y160M-4	11	402
	19.6	14.44	8.19	Y160M-4	11	402
	24.5	14.29	9.65	Y160M-4	11	402
	29.4	14.15	11.09	Y160L-4	15	420
	34.3	14.00	12.55	Y160L-4	15	420
	39.2	13.86	14.00	Y160L-4	15	420
	44.1	13.73	15.46	Y180M-4	18.5	446
	49.0	13.61	16.93	Y180M-4	18.5	446
	53.9	13.43	18.38	Y180L-4	22	461
1630	9.8	15.95	6.26	Y132M-4	7.5	357
	14.7	15.62	7.61	Y160M-4	11	402
	19.6	15.36	9.07	Y160M-4	11	402
	24.5	15.21	10.52	Y160L-4	15	420
	29.4	15.06	12.12	Y160L-4	15	420
	34.3	14.92	13.58	Y180M-4	18.5	446
	39.2	14.77	15.04	Y180M-4	18.5	446
	44.1	14.63	16.49	Y180M-4	18.5	446
	49.0	14.60	18.09	Y180L-4	22	461
	53.9	14.48	19.70	Y180L-4	22	461
1750	9.8	17.02	6.85	Y160M-4	11	402
	14.7	16.77	8.47	Y160M-4	11	402
	19.6	16.52	10.09	Y160L-4	15	420
	24.5	16.40	11.54	Y160L-4	15	420
	29.4	16.23	13.32	Y160L-4	15	420
	34.3	16.11	14.88	Y180M-4	18.5	446
	39.2	15.97	16.36	Y180M-4	18.5	446
	44.1	15.91	17.98	Y180L-4	22	461
	49.0	15.79	19.43	Y180L-4	22	461
	53.9	15.62	21.43	Y200L-4	30	552

Note: 1. △ Indicates direct connection drive for speed optimization. It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive. The voltage is 380V.

ZHSR-150型三叶罗茨鼓风机性能表参数

ZHSR-150 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
810	9.8	12.00	3.84	Y132M-4	7.5	471
	14.7	11.74	5.03	Y132M-4	7.5	471
	19.6	11.52	6.23	Y132M-4	7.5	471
	24.5	11.33	7.32	Y160M-4	11	516
	29.4	11.13	8.52	Y160M-4	11	516
	34.3	11.02	9.62	Y160M-4	11	516
	39.2	10.84	10.82	Y160L-4	15	534
	44.1	10.74	11.97	Y160L-4	15	534
	49.0	10.64	13.22	Y160L-4	15	534
	53.9	10.54	14.42	Y180M-4	18.5	560
	58.8	10.37	15.62	Y180M-4	18.5	560
	63.7	10.26	17.16	Y180L-4	22	575
	68.6	10.16	18.86	Y180L-4	22	575
	73.5	10.06	20.73	Y200L-4	30	636
	78.4	9.96	22.78	Y200L-4	30	636
	83.3	9.86	24.38	Y200L-4	30	636
	88.2	9.75	25.98	Y200L-4	30	636
	93.1	9.64	27.28	Y225S-4	37	672
	98.0	9.53	28.58	Y225S-4	37	672
	860	9.8	12.80	4.40	Y132M-4	7.5
14.7		12.64	5.63	Y132M-4	7.5	471
19.6		12.40	6.88	Y132M-4	7.5	471
24.5		12.20	8.03	Y160M-4	11	516
29.4		12.05	9.32	Y160M-4	11	516
34.3		11.84	10.47	Y160L-4	15	534
39.2		11.73	11.70	Y160L-4	15	534
44.1		11.63	13.03	Y160L-4	15	534
49.0		11.54	14.23	Y180M-4	18.5	560
53.9		11.42	15.53	Y180M-4	18.5	560
58.8		11.25	16.82	Y180M-4	18.5	560
63.7		11.16	17.77	Y180L-4	22	575
68.6		11.03	18.97	Y180L-4	22	575
73.5		10.85	20.87	Y200L-4	30	636
78.4		10.73	24.37	Y200L-4	30	636
83.3		10.62	25.67	Y200L-4	30	636
88.2		10.51	26.97	Y225S-4	37	672
93.1		10.41	28.27	Y225S-4	37	672
98.0		10.29	29.57	Y225S-4	37	672
970 △		9.8	14.70	5.58	Y132M-4	7.5
	14.7	14.52	7.02	Y160M-4	11	516
	19.6	14.32	8.33	Y160M-4	11	516
	24.5	14.13	9.63	Y160L-4	15	534
	29.4	13.93	11.07	Y160L-4	15	534
	34.3	13.82	12.43	Y160L-4	15	534
	39.2	13.72	13.82	Y180M-4	18.5	560
	44.1	13.62	15.23	Y180M-4	18.5	560
	49.0	13.52	16.62	Y180L-4	22	575
	53.9	13.33	18.03	Y180L-4	22	575
	58.8	13.25	19.43	Y180L-4	22	575
	63.7	13.12	21.45	Y200L-4	30	636
	68.6	12.95	22.93	Y200L-4	30	636
	73.5	12.86	24.34	Y200L-4	30	636
	78.4	12.73	25.82	Y200L-4	30	636
	83.3	12.61	26.50	Y200L-4	30	636
	88.2	12.39	29.01	Y225S-4	37	672
	93.1	12.25	30.36	Y225S-4	37	672
	98.0	12.12	33.71	Y225S-4	37	672
	1110	9.8	17.08	7.00	Y160M-4	11
14.7		16.92	8.62	Y160M-4	11	516
19.6		16.73	10.17	Y160L-4	15	534
24.5		16.54	11.72	Y160L-4	15	534
29.4		16.35	13.12	Y180M-4	18.5	560
34.3		16.23	14.82	Y180M-4	18.5	560
39.2		16.17	16.53	Y180M-4	18.5	560
44.1		16.07	18.03	Y180L-4	22	575
49.0		15.97	19.63	Y180L-4	22	575
53.9		15.82	21.23	Y200L-4	30	636
58.8		15.72	22.82	Y200L-4	30	636
63.7		15.55	25.07	Y200L-4	30	636
68.6		15.46	26.74	Y200L-4	30	636
73.5		15.33	28.45	Y225S-4	37	672
78.4		15.15	30.07	Y225S-4	37	672
83.3		15.00	32.60	Y225S-4	37	672
88.2		14.85	35.00	Y225M-4	45	706
93.1		14.70	37.21	Y225M-4	45	706
98.0		14.55	39.35	Y225M-4	45	706
1180		9.8	18.25	7.80	Y160M-4	11
	14.7	18.13	9.43	Y160M-4	11	516
	19.6	17.94	11.12	Y160L-4	15	534
	24.5	17.75	12.73	Y160L-4	15	534
	29.4	17.57	14.43	Y180M-4	18.5	560
	34.3	17.45	16.03	Y180M-4	18.5	560
	39.2	17.35	17.83	Y180L-4	22	575
	44.1	17.25	19.40	Y180L-4	22	575
	49.0	17.15	21.13	Y200L-4	30	636
	53.9	17.05	22.83	Y200L-4	30	636
	58.8	16.95	24.43	Y200L-4	30	636
	63.7	16.86	26.34	Y225S-4	37	672
	68.6	16.73	28.22	Y225S-4	37	672
	73.5	16.55	30.15	Y225S-4	37	672
	78.4	16.43	31.84	Y225S-4	37	672
	83.3	16.27	33.20	Y225S-4	37	672
	88.2	16.10	36.30	Y225M-4	4	

ZHSR-175型三叶罗茨鼓风机性能表参数

ZHSR-175 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
970 △	9.8	19.78	7.20	Y160M-4	11	601
	14.7	19.20	10.19	Y160L-4	15	619
	19.6	18.63	11.25	Y160L-4	15	619
	24.5	18.13	13.35	Y180M-4	18.5	645
	29.4	18.05	15.46	Y180M-4	18.5	645
	34.3	17.85	17.57	Y180L-4	22	660
	39.2	17.53	19.65	Y180L-4	22	660
	44.1	17.21	21.75	Y200L-4	30	721
	49.0	17.12	23.87	Y200L-4	30	721
	53.9	16.83	26.03	Y200L-4	30	721
1110	58.8	16.65	28.14	Y225S-4	37	757
	9.8	23.75	8.91	Y160M-4	11	601
	14.7	23.54	11.94	Y160L-4	15	619
	19.6	23.33	13.14	Y180M-4	18.5	645
	24.5	22.83	15.53	Y180M-4	18.5	645
	29.4	22.64	17.93	Y180L-4	22	660
	34.3	22.24	20.33	Y200L-4	30	721
	39.2	21.83	22.73	Y200L-4	30	721
	44.1	21.55	25.10	Y200L-4	30	721
	49.0	21.23	27.53	Y225S-4	37	757
1180	53.9	21.07	29.93	Y225S-4	37	757
	58.8	20.95	32.33	Y225S-4	37	757
	9.8	25.65	9.87	Y160L-4	15	619
	14.7	25.50	12.54	Y160L-4	15	619
	19.6	25.35	13.84	Y180M-4	18.5	645
	24.5	24.96	16.35	Y180L-4	22	660
	29.4	24.55	18.95	Y180L-4	22	660
	34.3	24.17	21.47	Y200L-4	30	721
	39.2	23.83	24.07	Y200L-4	30	721
	44.1	23.57	26.63	Y200L-4	30	721
1240	49.0	23.34	29.15	Y225S-4	37	757
	53.9	23.15	31.74	Y225S-4	37	757
	58.8	22.95	34.26	Y225M-4	45	791
	9.8	27.25	10.65	Y160L-4	15	619
	14.7	27.10	13.43	Y180M-4	18.5	645
	19.6	27.94	14.75	Y180M-4	18.5	645
	24.5	27.53	17.47	Y180L-4	22	660
	29.4	26.13	20.16	Y200L-4	30	721
	34.3	25.85	22.85	Y200L-4	30	721
	39.2	25.55	25.54	Y200L-4	30	721
1420	44.1	25.27	28.24	Y225S-4	37	757
	49.0	25.05	30.93	Y225S-4	37	757
	53.9	24.84	33.56	Y225S-4	37	757
	58.8	24.63	36.26	Y225M-4	45	791
	9.8	31.65	15.96	Y180M-4	18.5	645
	14.7	31.54	17.80	Y180L-4	22	660
	19.6	31.43	19.64	Y180L-4	22	660
	24.5	31.03	22.94	Y200L-4	30	721
	29.4	32.73	26.23	Y200L-4	30	721
	34.3	32.35	29.52	Y225S-4	37	757
1520	39.2	32.17	32.83	Y225S-4	37	757
	44.1	31.95	36.07	Y225M-4	45	791
	49.0	31.65	39.37	Y225M-4	45	791
	53.9	31.53	43.65	Y250M-4	55	874
	58.8	31.25	45.95	Y250M-4	55	874
	9.8	35.67	19.39	Y180L-4	22	660
	14.7	35.52	21.13	Y200L-4	30	721
	19.6	35.36	22.87	Y200L-4	30	721
	24.5	35.03	26.43	Y200L-4	30	721
	29.4	34.84	29.94	Y225S-4	37	757
1620	34.3	34.43	33.42	Y225S-4	37	757
	39.2	34.15	36.96	Y225M-4	45	791
	44.1	33.96	40.43	Y225M-4	45	791
	49.0	33.65	43.95	Y250M-4	55	874
	53.9	33.55	47.45	Y250M-4	55	874
	58.8	33.35	50.97	Y280S-4	75	1090

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。  
3、出风口法兰DN150、200可选。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1400	9.8	31.22	12.75	Y180M-4	18.5	645
	14.7	30.93	16.70	Y180L-4	22	660
	19.6	30.65	18.54	Y180L-4	22	660
	24.5	30.35	21.65	Y200L-4	30	721
	29.4	30.26	25.54	Y200L-4	30	721
	34.3	29.83	27.57	Y225S-4	37	757
	39.2	29.55	30.64	Y225S-4	37	757
	44.1	29.33	33.63	Y225S-4	37	757
	49.0	29.03	36.65	Y225M-4	45	791
	53.9	28.82	39.71	Y225M-4	45	791
1460	58.8	27.62	42.76	Y250M-4	55	874
	9.8	32.43	14.47	Y180M-4	18.5	645
	14.7	32.24	17.25	Y180L-4	22	660
	19.6	32.04	19.09	Y180L-4	22	660
	24.5	31.69	22.25	Y200L-4	30	721
	29.4	31.50	25.39	Y200L-4	30	721
	34.3	31.09	28.55	Y225S-4	37	757
	39.2	30.86	31.74	Y225S-4	37	757
	44.1	30.64	34.85	Y225S-4	37	757
	49.0	30.34	38.01	Y225M-4	45	791
1520	53.9	30.18	41.68	Y225M-4	45	791
	58.8	29.94	44.36	Y250M-4	55	874
	9.8	33.65	15.96	Y180M-4	18.5	645
	14.7	33.54	17.80	Y180L-4	22	660
	19.6	33.43	19.64	Y180L-4	22	660
	24.5	33.03	22.94	Y200L-4	30	721
	29.4	32.73	26.23	Y200L-4	30	721
	34.3	32.35	29.52	Y225S-4	37	757
	39.2	32.17	32.83	Y225S-4	37	757
	44.1	31.95	36.07	Y225M-4	45	791
1620	49.0	31.65	39.37	Y225M-4	45	791
	53.9	31.53	43.65	Y250M-4	55	874
	58.8	31.25	45.95	Y250M-4	55	874
	9.8	35.67	19.39	Y180L-4	22	660
	14.7	35.52	21.13	Y200L-4	30	721
	19.6	35.36	22.87	Y200L-4	30	721
	24.5	35.03	26.43	Y200L-4	30	721
	29.4	34.84	29.94	Y225S-4	37	757
	34.3	34.43	33.42	Y225S-4	37	757
	39.2	34.15	36.96	Y225M-4	45	791
1720	44.1	33.96	40.43	Y225M-4	45	791
	49.0	33.65	43.95	Y250M-4	55	874
	53.9	33.55	47.45	Y250M-4	55	874
	58.8	33.35	50.97	Y280S-4	75	1090

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.  
3.Air outlet flange DN150 and DN200 are optional

ZHSR-200D型三叶罗茨鼓风机性能表参数

ZHSR-200D THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
850	9.8	26.70	10.78	Y160L-4	15	875
	14.7	26.50	11.92	Y160L-4	15	875
	19.6	26.33	13.14	Y160L-4	15	875
	24.5	25.90	15.52	Y180M-4	18.5	900
	29.4	25.64	17.93	Y180L-4	22	941
	34.3	25.20	19.89	Y180L-4	22	941
	39.2	24.83	22.73	Y200L-4	30	1000
	44.1	24.51	25.12	Y200L-4	30	1000
	49.0	24.23	27.53	Y200L-4	30	1000
	53.9	24.06	29.92	Y225S-4	37	1038
	58.8	23.95	32.33	Y225S-4	37	1038
	63.7	23.84	37.74	Y225M-4	45	1072
	68.6	23.73	37.29	Y225M-4	45	1072
	73.5	23.62	39.95	Y225M-4	45	1072
	78.4	23.51	42.62	Y250M-4	55	1155
	83.3	23.36	45.28	Y250M-4	55	1155
	88.2	23.21	47.94	Y250M-4	55	1155
	93.1	23.05	50.61	Y250M-4	55	1155
	98.0	22.89	53.27	Y280S-4	75	1322
	900	9.8	28.68	11.02	Y160L-4	15
14.7		28.50	12.25	Y160L-4	15	875
19.6		28.35	13.84	Y180M-4	18.5	900
24.5		27.85	16.24	Y180M-4	18.5	900
29.4		27.55	18.95	Y180L-4	22	941
34.3		27.12	22.35	Y200L-4	30	1000
39.2		26.83	24.07	Y200L-4	30	1000
44.1		26.56	27.89	Y200L-4	30	1000
49.0		26.34	29.15	Y225S-4	37	1038
53.9		26.10	32.08	Y225S-4	37	1038
58.8		25.95	34.26	Y225S-4	37	1038
63.7		25.80	36.66	Y225M-4	45	1072
68.6		25.65	39.48	Y225M-4	45	1072
73.5		25.50	42.30	Y250M-4	55	1155
78.4		25.35	45.12	Y250M-4	55	1155
83.3		25.20	47.94	Y250M-4	55	1155
88.2		25.05	50.76	Y250M-4	55	1155
93.1		24.90	53.58	Y280S-4	75	1322
98.0		24.74	56.40	Y280S-4	75	1322
950		9.8	30.92	12.29	Y160L-4	15
	14.7	30.43	13.52	Y160L-4	15	875
	19.6	29.94	14.75	Y180M-4	18.5	900
	24.5	29.45	18.25	Y180L-4	22	941
	29.4	29.13	20.16	Y180L-4	22	941
	34.3	28.80	23.10	Y200L-4	30	1000
	39.2	28.55	25.54	Y200L-4	30	1000
	44.1	28.20	28.73	Y225S-4	37	1038
	49.0	28.05	30.93	Y225S-4	37	1038
	53.9	27.80	33.91	Y225M-4	45	1072
	58.8	27.63	36.26	Y225M-4	45	1072
	63.7	27.46	38.70	Y225M-4	45	1072
	68.6	27.29	41.68	Y250M-4	55	1155
	73.5	27.12	44.65	Y250M-4	55	1155
	78.4	26.95	47.63	Y250M-4	55	1155
	83.3	26.78	50.61	Y250M-4	55	1155
	88.2	26.61	53.58	Y280S-4	75	1322
	93.1	26.44	56.56	Y280S-4	75	1322
	98.0	26.27	59.54	Y280S-4	75	1322
	1070	9.8	34.18	17.16	Y180L-4	22
14.7		33.90	17.85	Y180L-4	22	941
19.6		33.65	18.54	Y180L-4	22	941
24.5		33.40	22.10	Y200L-4	30	1000
29.4		33.26	24.54	Y200L-4	30	1000
34.3		32.88	28.75	Y225S-4	37	1038
39.2		32.55	30.64	Y225S-4	37	1038
44.1		32.28	34.01	Y225M-4	45	1072
49.0		32.03	36.65	Y225M-4	45	1072
53.9		31.79	39.85	Y225M-4	45	1072
58.8		31.62	42.76	Y250M-4	55	1155
63.7		31.45	45.67	Y250M-4	55	1155
68.6		31.28	48.58	Y250M-4	55	1155
73.5		31.11	5			

ZHSR-200型三叶罗茨鼓风机性能表参数

ZHSR-200 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
810	9.8	31.77	8.05	Y160L-4	15	975
	14.7	31.17	11.26	Y180M-4	18.5	1000
	19.6	30.54	14.63	Y180M-4	18.5	1000
	24.5	29.95	17.62	Y180L-4	22	1041
	29.4	29.52	20.66	Y200L-4	30	1102
	34.3	29.23	23.85	Y200L-4	30	1102
	39.2	28.87	26.96	Y200L-4	30	1102
	44.1	28.55	29.97	Y225S-4	37	1138
	49.0	28.24	33.14	Y225S-4	37	1138
	53.9	27.93	36.07	Y225M-4	45	1172
	58.8	27.65	39.07	Y225M-4	45	1172
	63.7	27.26	42.34	Y250M-4	55	1255
	68.6	26.93	45.35	Y250M-4	55	1315
	73.5	26.62	48.52	Y250M-4	55	1315
	78.4	26.33	51.73	Y250M-4	55	1315
	83.3	26.12	55.00	Y280S-4	75	1422
	88.2	25.87	58.20	Y280S-4	75	1422
	93.1	25.61	61.40	Y280S-4	75	1422
98.0	25.34	64.61	Y280S-4	75	1422	
900	9.8	35.68	9.95	Y160L-4	15	975
	14.7	35.01	13.41	Y160M-4	18.5	1000
	19.6	34.41	17.12	Y180L-4	22	1041
	24.5	34.01	20.42	Y200L-4	30	1102
	29.4	33.62	24.22	Y200L-4	30	1102
	34.3	33.34	27.55	Y225S-4	37	1138
	39.2	33.03	30.95	Y225S-4	37	1138
	44.1	32.50	34.42	Y225S-4	37	1138
	49.0	32.36	37.85	Y225M-4	45	1172
	53.9	32.05	41.04	Y225M-4	45	1172
	58.8	31.73	44.35	Y250M-4	55	1255
	63.7	31.45	47.64	Y250M-4	55	1315
	68.6	31.15	51.23	Y250M-4	55	1315
	73.5	30.85	54.52	Y280S-4	75	1422
	78.4	30.54	57.85	Y280S-4	75	1422
	83.3	30.21	60.80	Y280S-4	75	1422
	88.2	29.90	64.01	Y280S-4	75	1422
	93.1	29.58	67.21	Y280S-4	75	1422
98.0	29.26	70.41	Y280S-4	75	1422	
960	9.8	39.15	11.58	Y180M-4	18.5	1000
	14.7	38.87	15.52	Y180M-4	18.5	1000
	19.6	38.52	19.31	Y200L-4	30	1102
	24.5	37.62	22.91	Y200L-4	30	1102
	29.4	37.31	27.15	Y225S-4	37	1138
	34.3	37.07	30.76	Y225S-4	37	1138
	39.2	36.75	34.53	Y225S-4	37	1138
	44.1	36.44	38.25	Y225M-4	45	1172
	49.0	36.05	42.04	Y225M-4	45	1172
	53.9	35.60	45.55	Y250M-4	55	1255
	58.8	35.35	49.35	Y250M-4	55	1255
	63.7	30.85	54.52	Y280S-4	75	1422
	68.6	34.72	56.75	Y280S-4	75	1422
	73.5	34.38	60.55	Y280S-4	75	1422
	78.4	34.05	64.23	Y280S-4	75	1422
	83.3	33.80	66.80	Y280S-4	75	1422
	88.2	33.62	69.10	Y280S-4	75	1422
	93.1	33.27	72.30	Y280M-4	90	1490
98.0	32.92	75.50	Y280M-4	90	1490	
1070	9.8	43.03	13.46	Y180M-4	18.5	1000
	14.7	42.53	17.81	Y180L-4	22	1041
	19.6	42.03	21.22	Y200L-4	30	1102
	24.5	41.63	25.82	Y200L-4	30	1102
	29.4	41.43	30.12	Y225S-4	37	1138
	34.3	41.11	34.45	Y225S-4	37	1138
	39.2	40.95	38.66	Y225M-4	45	1172
	44.1	40.58	42.63	Y225M-4	45	1172
	49.0	40.17	46.84	Y250M-4	55	1255
	53.9	39.75	50.73	Y250M-4	55	1255
	58.8	39.45	54.97	Y280S-4	75	1422
	63.7	39.35	58.83	Y280S-4	75	1422
	68.6	39.13	63.73	Y280S-4	75	1422
	73.5	38.92	67.37	Y280S-4	75	1422
	78.4	38.75	71.44	Y280M-4	90	1490
	83.3	38.58	74.01	Y280M-4	90	1490
	88.2	38.37	77.20	Y280M-4	90	1490
	93.1	38.11	80.50	Y280M-4	90	1490
98.0	37.90	84.20	Y280M-4	90	1490	

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1150	9.8	46.05	15.18	Y180L-4	22	1041
	14.7	46.01	19.22	Y200L-4	30	1102
	19.6	45.51	23.71	Y200L-4	30	1102
	24.5	45.31	28.12	Y225S-4	37	1138
	29.4	45.01	32.74	Y225S-4	37	1138
	34.3	44.82	37.24	Y225M-4	45	1172
	39.2	44.62	42.04	Y225M-4	45	1172
	44.1	44.23	46.64	Y250M-4	55	1255
	49.0	43.75	50.97	Y250M-4	55	1255
	53.9	43.44	55.07	Y280S-4	75	1422
	58.8	43.18	59.76	Y280S-4	75	1422
	63.7	43.03	64.33	Y280S-4	75	1422
	68.6	42.74	68.63	Y280S-4	75	1422
	73.5	42.45	73.34	Y280M-4	90	1490
	78.4	42.25	77.66	Y280M-4	90	1490
	83.3	42.03	80.10	Y280M-4	90	1490
	88.2	41.81	84.20	Y280M-4	90	1490
	93.1	41.63	87.50	Y315S-4	110	1765
98.0	40.45	90.70	Y315S-4	110	1765	
1230	9.8	49.60	17.07	Y180L-4	22	1041
	14.7	49.13	21.91	Y200L-4	30	1102
	19.6	48.72	26.42	Y200L-4	30	1102
	24.5	48.42	31.23	Y225S-4	37	1138
	29.4	48.23	36.22	Y225M-4	45	1172
	34.3	48.11	41.23	Y225M-4	45	1172
	39.2	47.71	46.02	Y250M-4	55	1255
	44.1	47.41	50.72	Y250M-4	55	1255
	49.0	47.01	55.52	Y280S-4	75	1422
	53.9	46.82	59.81	Y280S-4	75	1422
	58.8	46.62	64.81	Y280S-4	75	1422
	63.7	46.41	69.32	Y280S-4	75	1422
	68.6	46.21	74.22	Y280M-4	90	1490
	73.5	46.02	78.81	Y280M-4	90	1490
	78.4	45.83	83.52	Y280M-4	90	1422
	83.3	45.60	86.10	Y315S-4	110	1765
	88.2	45.42	89.10	Y315S-4	110	1765
	93.1	45.20	92.30	Y315S-4	110	1765
98.0	45.00	96.00	Y315S-4	110	1765	
1310	9.8	52.67	19.65	Y180L-4	22	1041
	14.7	52.21	24.32	Y200L-4	30	1102
	19.6	51.81	29.23	Y225S-4	37	1138
	24.5	51.51	34.21	Y225S-4	37	1138
	29.4	51.32	39.62	Y225M-4	45	1172
	34.3	51.13	44.81	Y250M-4	55	1172
	39.2	50.92	50.11	Y250M-4	55	1172
	44.1	50.62	55.02	Y280S-4	75	1422
	49.0	50.42	59.91	Y280S-4	75	1422
	53.9	50.13	64.52	Y280S-4	75	1422
	58.8	49.81	69.72	Y280S-4	75	1422
	63.7	49.72	69.32	Y280S-4	75	1422
	68.6	49.53	79.71	Y280M-4	90	1490
	73.5	49.32	84.72	Y280M-4	90	1490
	78.4	49.11	89.76	Y315S-4	110	1765
	83.3	48.90	92.10	Y315S-4	110	1765
	88.2	48.68	95.30	Y315S-4	110	1765
	93.1	48.41	99.20	Y315S-4	110	1765
98.0	48.75	105.1	Y315M-4	132	1876	
1390	9.8	55.77	21.31	Y200L-4	30	1102
	14.7	55.33	26.61	Y200L-4	30	1102
	19.6	54.93	31.82	Y225S-4	37	1138
	24.5	54.73	37.41	Y225M-4	45	1172
	29.4	54.41	42.92	Y225M-4	45	1172
	34.3	54.31	48.53	Y250M-4	55	1255
	39.2	54.12	54.22	Y280S-4	75	1422
	44.1	53.93	59.21	Y280S-4	75	1422
	49.0	53.60	64.42	Y280S-4	75	1422
	53.9	53.42	69.11	Y280S-4	75	1422
	58.8	53.22	74.62	Y280M-4	90	1490
	63.7	53.03	79.65	Y280M-4	90	1490
	68.6	52.82	84.91	Y280M-4	90	1490
	73.5	52.71	90.24	Y315S-4	110	1765
	78.4	52.62	95.55	Y315S-4	110	1765
	83.3	52.35	98.70	Y315S-4	110	1765
	88.2	52.10	103.2	Y315S-4	110	1765
	93.1	51.90	107.2	Y315M-4	132	1876
98.0	51.72	112.0	Y315M-4	132	1876	
1480	9.8	59.20	23.80	Y200L-4	30	1102
	14.7	58.81	28.92	Y200L-4	30	1138
	19.6	58.41	34.22	Y225S-4	37	1138
	24.5	58.21	40.41	Y225M-4	45	1138
	29.4	58.03	46.52	Y250M-4	55	1255
	34.3	57.82	52.33	Y250M-4	55	1255
	39.2	57.71	58.11	Y280S-4	75	1422
	44.1	57.51	63.62	Y280S-4	75	1422
	49.0	57.36	68.92	Y280S-4	75	1422
	53.9	57.22	74.22	Y280M-4	90	1490
	58.8	57.14	80.12	Y280M-4	90	1490
	63.7	56.92	85.61	Y280M-4	90	1490
	68.6	56.82	91.32	Y315S-4	110	1765
	73.5	56.71	96.72	Y315S-4	110	1765
	78.4	56.53	102.4	Y315S-4	110	1765
	83.3	56.21	106.3	Y315M-4	132	1876
	88.2	56.10	110.0	Y315M-4	132	1876
	93.1	55.75	115.0	Y315M-4	132	1876
98.0	55.40	120.0	Y315M-4	132	1876	

Note: 1. △ Indicates direct connection drive for speed optimization. It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive. The voltage is 380V.

ZHSR-250D型三叶罗茨鼓风机性能表参数

ZHSR-250D THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
810	9.8	37.86	9.59	Y180M-4	18.5	1080
	14.7	37.15	13.42	Y180M-4	18.5	1080
	19.6	36.40	17.43	Y180L-4	22	1121
	24.5	35.70	21.00	Y200L-4	30	1182
	29.4	35.18	24.62	Y200L-4	30	1182
	34.3	34.84	28.42	Y225S-4	37	1218
	39.2	34.41	32.13	Y225S-4	37	1218
	44.1	34.03	35.72	Y225M-4	45	1252
	49.0	33.66	39.50	Y225M-4	45	1252

ZHSR-250型三叶罗茨鼓风机性能表参数

ZHSR-250 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
990 △	9.8	63.50	15.46	Y200L-4	30	1843
	14.7	63.30	23.18	Y225S-4	37	1931
	19.6	63.10	30.91	Y225S-4	37	1931
	24.5	62.90	38.64	Y250M-4	55	2048
	29.4	62.70	46.37	Y250M-4	55	2048
	34.3	62.50	54.09	Y280S-4	75	2215
	39.2	62.20	61.82	Y280S-4	75	2215
	44.1	62.00	69.55	Y280M-4	90	2283
	49.0	61.80	77.28	Y280M-4	90	2283
	53.9	61.60	85.00	Y315S-4	110	2558
	58.8	61.40	92.73	Y315S-4	110	2558
	63.7	61.20	100.46	Y315M-4	132	2669
	68.6	61.00	108.19	Y315M-4	132	2669
	73.5	59.90	115.92	Y315L1-4	160	2761
	78.4	59.80	123.64	Y315L1-4	160	2761
	83.3	59.20	131.37	Y315L1-4	160	2761
1170	88.2	58.80	139.10	Y315L1-4	160	2761
	93.1	58.30	146.83	Y315L-4	185	2863
	98.0	58.00	154.55	Y315L-4	185	2863
	9.8	74.70	18.27	Y200L-4	30	1843
	14.7	74.50	27.41	Y225S-4	37	1931
	19.6	74.30	36.55	Y225M-4	45	1965
	24.5	74.00	45.68	Y250M-4	55	2048
	29.4	73.60	54.82	Y280S-4	75	2215
	34.3	73.10	63.96	Y280M-4	90	2283
	39.2	72.70	73.09	Y280M-4	90	2283
	44.1	72.30	82.23	Y315S-4	110	2558
	49.0	72.00	91.36	Y315S-4	110	2558
	53.9	71.70	100.50	Y315M-4	132	2669
	58.8	71.30	109.64	Y315M-4	132	2669
	63.7	71.00	118.77	Y315L1-4	160	2761
	68.6	69.60	127.91	Y315L1-4	160	2761
73.5	69.40	137.05	Y315L1-4	160	2761	
78.4	69.00	146.18	Y315L-4	185	2863	
83.3	68.60	155.32	Y315L-4	185	2863	
88.2	68.20	164.46	Y315L1-4	200	2908	
93.1	67.70	173.59	Y315L1-4	200	2908	
98.0	67.10	182.73	Y355M1-4	220	3049	
1250	9.8	80.20	19.52	Y225S-4	37	1931
	14.7	79.90	29.28	Y225M-4	45	1965
	19.6	79.60	39.04	Y250M-4	55	2048
	24.5	79.20	48.80	Y280S-4	75	2215
	29.4	78.80	58.56	Y280S-4	75	2215
	34.3	78.50	68.31	Y280M-4	90	2283
	39.2	78.20	78.07	Y315S-4	110	2558
	44.1	77.90	87.83	Y315S-4	110	2558
	49.0	77.40	97.59	Y315M-4	132	2669
	53.9	77.10	107.35	Y315M-4	132	2669
	58.8	76.80	117.11	Y315L1-4	160	2761
	63.7	76.40	126.87	Y315L1-4	160	2761
	68.6	76.00	136.63	Y315L1-4	160	2761
	73.5	75.60	146.39	Y315L-4	185	2863
	78.4	75.10	156.15	Y315L-4	185	2863
	83.3	74.50	165.91	Y315L1-4	200	2908
88.2	74.10	175.67	Y355M1-4	220	3049	
93.1	73.40	185.42	Y355M1-4	220	3049	
98.0	73.00	195.18	Y355M2-4	250	3214	

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1360	9.8	89.50	21.25	Y225M-4	45	1965
	14.7	89.10	31.88	Y225M-4	45	1965
	19.6	88.70	42.51	Y250M-4	55	2048
	24.5	88.50	53.13	Y280S-4	75	2215
	29.4	88.30	63.76	Y280M-4	90	2283
	34.3	88.10	74.39	Y280M-4	90	2283
	39.2	87.80	85.02	Y315S-4	110	2558
	44.1	87.50	95.64	Y315M-4	132	2669
	49.0	87.20	106.27	Y315M-4	132	2669
	53.9	86.90	116.90	Y315L1-4	160	2761
	58.8	86.60	127.52	Y315L1-4	160	2761
	63.7	86.30	138.15	Y315L1-4	160	2761
	68.6	86.00	148.78	Y315L-4	185	2863
	73.5	85.70	159.40	Y315L-4	185	2863
	78.4	85.40	170.03	Y315L1-4	200	2908
	83.3	85.10	180.66	Y355M1-4	220	3049
1480	88.2	84.70	191.28	Y355M1-4	220	3049
	83.3	84.30	201.91	Y355M2-4	250	3214
	83.3	84.30	201.91	Y355M2-4	250	3214
	98.0	84.00	212.54	Y355M2-4	250	3214
	9.8	97.52	23.11	Y225M-4	45	1965
	14.7	97.01	34.67	Y225M-4	45	1965
	19.6	96.50	46.22	Y250M-4	55	2048
	24.5	96.20	57.78	Y280S-4	75	2215
	29.4	96.10	69.34	Y280M-4	90	2283
	34.3	95.80	80.89	Y315S-4	110	2558
	39.2	95.50	92.45	Y315M-4	132	2669
	44.1	95.30	104.00	Y315M-4	132	2669
	49.0	95.00	115.56	Y315L1-4	160	2761
	53.9	94.50	127.11	Y315L1-4	160	2761
	58.8	94.10	138.67	Y315L1-4	160	2761
	63.7	93.70	150.23	Y315L-4	185	2863
68.6	93.40	161.78	Y315L-4	185	2863	
73.5	93.20	173.34	Y315L1-4	200	2908	
78.4	92.60	184.89	Y315M1-4	220	3049	
83.3	92.20	196.45	Y315M2-4	250	3214	
88.2	91.80	208.01	Y315M2-4	250	3214	
83.3	91.50	219.56	Y355L1-4	280	3269	
98.0	91.20	231.12	Y355L1-4	280	3269	

Note: 1. △ Indicates direct connection drive for speed optimization. It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive. The voltage is 380V.

ZHSR-300/350型三叶罗茨鼓风机性能表参数

ZHSR-300/350 THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
990 △	9.8	89.30	21.32	Y225S-4	37	2333
	14.7	89.10	31.97	Y225M-4	45	2367
	19.6	88.90	42.63	Y250M-4	55	2450
	24.5	88.70	53.29	Y280S-4	75	2617
	29.4	88.60	63.95	Y280M-4	90	2685
	34.3	88.30	74.60	Y280M-4	90	2685
	39.2	88.10	85.26	Y315S-4	110	2960
	44.1	87.90	95.92	Y315M-4	132	3071
	49.0	87.60	106.58	Y315M-4	132	3071
	53.9	87.40	117.23	Y315L1-4	160	3163
	58.8	87.10	127.89	Y315L1-4	160	3163
	63.7	86.90	138.55	Y315L1-4	160	3163
	68.6	86.70	149.21	Y315L-4	185	3265
	73.5	86.40	159.86	Y315L-4	185	3265
	78.4	86.10	170.52	Y315L1-4	200	3310
	83.3	85.50	181.18	Y355M1-4	220	3451
88.2	85.00	191.84	Y355M1-4	220	3451	
93.1	84.60	202.49	Y355M2-4	250	3616	
98.0	83.90	231.15	Y355M2-4	250	3616	
1170	9.8	108.0	25.17	Y225S-4	37	2333
	14.7	106.5	37.76	Y225M-4	45	2367
	19.6	105.0	50.35	Y280S-4	75	2617
	24.5	104.7	62.93	Y280M-4	90	2685
	29.4	104.0	75.52	Y315S-4	110	2960
	34.3	103.7	88.11	Y315S-4	110	2960
	39.2	103.2	100.70	Y315M-4	132	3071
	44.1	102.5	113.28	Y315M-4	132	3071
	49.0	102.2	125.87	Y315L1-4	160	3163
	53.9	101.5	138.46	Y315L1-4	160	3163
	58.8	101.1	151.04	Y315L-4	185	3265
	63.7	102.5	163.63	Y315L1-4	200	3310
	68.6	102.3	176.22	Y355M1-4	220	3451
	73.5	102.1	188.80	Y355M1-4	220	3451
	78.4	101.8	201.39	Y355M2-4	250	3616
	83.3	101.5	213.98	Y355M2-4	250	3616
88.2	101.1	226.56	Y355L1-4	280	3671	
93.1	100.8	239.15	Y355L1-4	280	3671	
98.0	100.5	251.74	Y355M-4	315	3785	
1250	9.8	114.8	26.91	Y225M-4	45	2367
	14.7	113.5	40.36	Y250M-4	55	2450
	19.6	112.2	53.82	Y280S-4	75	2617
	24.5	112.0	67.27	Y280M-4	90	2685
	29.4	111.8	80.73	Y315S-4	110	2960
	34.3	111.6	94.18	Y315M-4	132	3071
	39.2	111.4	107.64	Y315M-4	132	3071
	44.1	111.2	121.09	Y315L1-4	160	3163
	49.0	111.0	134.55	Y315L1-4	160	3163
	53.9	110.8	148.00	Y315L-4	185	3265
	58.8	110.6	161.46	Y315L-4	185	3265
	63.7	110.4	174.91	Y315L1-4	200	3310
	68.6	110.2	188.36	Y355M1-4	220	3451
	73.5	110.0	201.82	Y355M2-4	250	3616
	78.4	109.8	215.27	Y355M2-4	250	3616
	83.3	109.3	228.73	Y355L1-4	280	3671
88.2	108.9	242.18	Y355L1-4	280	3671	
93.1	108.6	255.64	Y355L2-4	315	3785	
98.0	108.3	269.09	Y355L2-4	315	3785	
1360	9.8	130.5	29.28	Y225M-4	45	2367
	14.7	129.4	43.92	Y250M-4	55	2450
	19.6	128.2	58.56	Y280S-4	75	2617
	24.5	127.3	73.19	Y280M-4	90	2685
	29.4	126.4	87.83	Y315S-4	110	2960
	34.3	125.7	102.47	Y315M-4	132	3071
	39.2	125.1	117.11	Y315L1-4	160	3163
	44.1	124.5	131.75	Y315L1-4	160	3163
	49.0	123.9	146.39	Y315L-4	185	3265
	53.9	123.4	161.03	Y315L-4	185	3265
	58.8	123.0	175.67	Y355M1-4	220	3451
	63.7	118.2	190.30	Y355M1-4	220	3451
	68.6	117.7	204.94	Y355M2-4	250	3616
	73.5	117.4	219.58	Y355L1-4	280	3671
	78.4	117.0	234.22	Y355L1-4	280	3671

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
990	9.8	131.81	29.55	Y250S-6	37	2710
	14.7	126.93	44.33	Y250M-6	55	2750
	19.6	126.42	59.11	Y280S-6	75	2920
	24.5					

ZHSR-350F/350LF型三叶罗茨鼓风机性能表参数

ZHSR-350F/350LF THREE LEAF ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
650 △	9.8	120.7	29.00	Y250M-6	37	3870
	14.7	118.1	38.00	Y280S-6	45	3990
	19.6	116.6	51.00	Y280M-6	55	4040
	24.5	115.1	61.00	Y315S-6	75	4400
	29.4	113.4	73.00	Y315M-6	90	4480
	34.3	112.0	84.00	Y315M-6	90	4480
	39.2	110.5	96.00	Y315L1-6	110	4545
	44.1	108.0	106.00	Y315L2-6	132	4600
	49.0	107.9	118.00	Y315L2-6	132	4600
	53.9	106.1	128.00	Y355M1-6	160	5050
730	58.8	105.5	140.00	Y355M1-6	160	5050
	9.8	137.2	32.00	Y250M-6	37	3870
	14.7	135.0	44.00	Y280M-6	55	4040
	19.6	133.1	57.00	Y315S-6	75	4400
	24.5	131.0	69.00	Y315S-6	75	4400
	29.4	129.9	82.00	Y315M-6	90	4480
	34.3	128.0	97.30	Y315L1-6	110	4545
	39.2	127.0	107.00	Y315L2-6	132	4600
	44.1	125.3	119.00	Y315L2-6	132	4600
	49.0	124.4	132.00	Y355M1-6	160	5050
800	53.9	121.8	142.00	Y355M1-6	160	5050
	58.8	122.0	157.00	Y355M2-6	185	5100
	9.8	151.6	35.00	Y280S-6	45	3990
	14.7	149.6	49.00	Y280M-6	55	4040
	19.6	147.5	63.00	Y315S-6	75	4400
	24.5	145.8	77.00	Y315M-6	90	4480
	29.4	144.3	90.00	Y315L1-6	110	4545
	34.3	143.0	105.00	Y315L2-6	132	4600
	39.2	141.4	118.00	Y315L2-6	132	4600
	44.1	140.0	133.00	Y355M1-6	160	5050
880	49.0	138.8	145.00	Y355M1-6	160	5050
	53.9	139.0	160.00	Y355M2-6	185	5100
	58.8	136.4	172.00	Y355M3-6	200	5100
	9.8	168.1	39.00	Y280S-6	45	3990
	14.7	166.0	53.00	Y315S-6	75	4400
	19.6	164.0	67.00	Y315S-6	75	4400
	24.5	162.0	81.00	Y315M-6	90	4480
	29.4	160.8	95.00	Y315L1-6	110	4545
	34.3	159.0	110.00	Y315L2-6	132	4600
	39.2	157.9	125.00	Y315L2-6	132	4600
980 △	44.1	156.1	144.00	Y355M1-6	160	5050
	49.0	155.3	159.00	Y355M2-6	185	5100
	53.9	154.2	172.00	Y355M2-6	185	5100
	58.8	152.9	190.00	Y355M3-6	200	5100
	9.8	188.7	43.00	Y280M-6	55	4040
	14.7	186.0	59.00	Y315S-6	75	4400
	19.6	184.6	76.00	Y315M-6	90	4480
	24.5	183.0	92.00	Y315L1-6	110	4545
	29.4	181.4	110.00	Y315L2-6	132	4600
	34.3	180.0	126.00	Y315L2-6	132	4600
990	39.2	178.5	144.00	Y355M1-6	160	5050
	44.1	177.0	159.00	Y355M2-6	185	5100
	49.0	175.9	178.00	Y355M2-6	185	5100
	53.9	174.0	190.00	Y355M3-6	200	5100
	58.8	173.5	205.00	Y355L1-6	220	5150
	9.8	211.8	29.55	Y250M-6	37	3870
	14.7	209.4	41.11	Y315S-6	55	4040
	19.6	207.2	52.22	Y315S-6	55	4040
	24.5	205.1	63.33	Y315M-6	75	4400
	29.4	203.1	74.44	Y315L1-6	90	4480
1170	34.3	180.0	126.00	Y315L2-6	132	4600
	39.2	178.5	144.00	Y355M1-6	160	5050
	44.1	177.0	159.00	Y355M2-6	185	5100
	49.0	175.9	178.00	Y355M2-6	185	5100
	53.9	174.0	190.00	Y355M3-6	200	5100
	58.8	173.5	205.00	Y355L1-6	220	5150
	9.8	226.0	50.00	Y280M-6	55	4040
	14.7	224.0	70.00	Y315M-6	90	4780
	19.6	221.0	90.00	Y315L1-6	110	4845
	24.5	219.0	110.00	Y315L2-6	132	4900
1260	29.4	217.0	130.00	Y355M1-6	160	5350
	34.3	215.0	150.00	Y355M2-6	185	5400
	39.2	212.0	169.00	Y355M2-6	185	5400
	44.1	210.0	189.00	Y355M3-6	200	5400
	49.0	209.0	210.00	Y355L1-6	220	5450
	9.8	250.0	38.00	Y280S-6	45	3990
	14.7	248.0	51.00	Y315S-6	55	4040
	19.6	246.0	64.00	Y315M-6	75	4400
	24.5	244.0	77.00	Y315L1-6	90	4480
	29.4	242.0	90.00	Y315L2-6	110	4545
1360	34.3	240.0	110.00	Y315L2-6	132	4600
	39.2	238.0	123.00	Y355M1-6	160	5050
	44.1	236.0	136.00	Y355M2-6	185	5100
	49.0	234.0	149.00	Y355M3-6	200	5100
	53.9	232.0	162.00	Y355L1-6	220	5150
	9.8	280.0	40.60	Y280M-6	55	4040
	14.7	278.0	54.80	Y315S-6	75	4400
	19.6	276.0	69.60	Y315M-6	90	4480
	24.5	274.0	84.40	Y315L1-6	110	4545
	29.4	272.0	99.20	Y315L2-6	132	4600

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
730	9.8	163.9	38.00	Y280S-6	45	4290
	14.7	165.3	52.00	Y280M-6	55	4340
	19.6	159.0	67.00	Y315S-6	75	4700
	24.5	157.8	82.00	Y315M-6	90	4780
	29.4	155.2	97.00	Y315L1-6	110	4845
	34.3	153.2	113.00	Y315L2-6	132	4900
	39.2	152.3	126.00	Y315L2-6	132	4900
	44.1	148.1	141.00	Y355M1-6	160	5350
	49.0	149.1	157.00	Y355M2-6	185	5400
	53.9	147.2	172.00	Y355M2-6	185	5400
800	58.8	146.0	185.00	Y355M3-6	200	5400
	9.8	180.9	41.00	Y280M-6	55	4340
	14.7	178.1	56.00	Y315S-6	75	4700
	19.6	175.9	74.00	Y315M-6	90	4780
	24.5	173.8	90.00	Y315L1-6	110	4845
	29.4	172.0	106.00	Y315L2-6	132	4900
	34.3	170.0	122.00	Y315L2-6	132	4900
	39.2	168.0	138.00	Y355M1-6	160	5350
	44.1	166.8	154.00	Y355M2-6	185	5400
	49.0	165.0	171.00	Y315M2-6	200	5400
880	53.9	163.2	187.00	Y355M3-6	200	5400
	58.8	162.6	203.00	Y315L1-6	220	5450
	9.8	201.0	45.00	Y280M-6	55	4340
	14.7	199.0	63.00	Y315S-6	75	4700
	19.6	197.0	82.00	Y315M-6	90	4780
	24.5	195.0	98.00	Y315L1-6	110	4845
	29.4	193.0	116.00	Y315L2-6	132	4900
	34.3	191.5	132.00	Y355M1-6	160	5350
	39.2	190.0	152.00	Y355M2-6	185	5400
	44.1	186.5	168.00	Y355M2-6	185	5400
980 △	49.0	187.0	188.00	Y355M3-6	200	5400
	53.9	185.5	204.00	Y355L1-6	220	5450
	58.8	184.0	223.00	Y355L2-6	250	5500
	9.8	226.0	50.00	Y280M-6	55	4340
	14.7	224.0	70.00	Y315M-6	90	4780
	19.6	221.0	90.00	Y315L1-6	110	4845
	24.5	219.0	110.00	Y315L2-6	132	4900
	29.4	217.0	130.00	Y355M1-6	160	5350
	34.3	215.0	150.00	Y355M2-6	185	5400
	39.2	212.0	169.00	Y355M2-6	185	5400

Note: 1. △ Indicates direct connection drive for speed optimization. It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive. The voltage is 380V.

ZHRF-250/290型罗茨鼓风机性能表参数

ZHRF-250/290 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed (r/min)	理论流量 Capacity (m³/min)	升压 Pressure Rise (kpa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit Maximum Weight (kg)
					型号 Type	功率 Power kW	
730 *	97.80	9.8	86.90	21.00	Y280S-8	30	3500
		19.6	84.20	38.00	Y280M-8	45	
		29.4	82.00	54.00	Y280M-8	75	
		39.2	80.10	70.00	Y315L1-8	90	4000
		49.0	78.30	87.00	Y315L2-8	110	
		58.8	76.70	103.00	Y355M1-8	132	
		68.6	75.10	120.00	Y355M1-8	132	
		78.4	73.70	136.00	Y355M2-8	160	
		88.2	72.30	153.00	Y355L1-8	185	
		98.0	71.60	161.00	Y355L1-8	185	
800	107.2	9.8	96.30	23.00	Y225M-6	30	3500
		19.6	93.60	41.00	Y280M-6	55	
		29.4	91.40	59.00	Y315S-6	75	
		39.2	89.50	77.00	Y315M-6	90	4000
		49.0	87.70	95.00	Y315L1-6	110	
		58.8	86.10	113.00	Y315L2-6	132	
		68.6	84.50	131.00	Y355M1-6	160	
		78.4	83.10	149.00	Y355M2-6	185	
		88.2	81.70	167.00	Y355M2-6	185	
		98.0	80.40	185.00	Y355L1-6	220	
880	117.9	9.8	107.2	26.00	Y225M-6	30	3500
		19.6	104.5	45.00	Y280M-6	55	
		29.4	102.1	65.00	Y315S-6	75	
		39.2	100.2	85.00	Y315L1-6	110	4000
		49.0	98.40	105.00	Y315L2-6	132	
		58.8	96.80	125.00	Y355M1-6	160	
		68.6	95.20	144.00	Y355M1-6	160	
		78.4	93.80	164.00	Y355M2-6	185	
		88.2	92.40	184.00	Y355M3-6	220	
		98.0	91.10	204.00	Y355L1-6	250	
980 *	131.3	9.8	120.4	29.00	Y250M-6	37	3500
		19.6	117.7	51.00	Y315S-6	75	
		29.4	115.5	72.00	Y315M-6	90	
		39.2	113.6	95.00	Y315L1-6	110	4500
		49.0	111.8	117.00	Y315L2-6	132	
		58.8	110.2	139.00	Y355M1-6	160	
		68.6	108.6	161.00	Y355M2-6	185	
		78.4	107.2	183.00	Y355M3-6	200	
		88.2	105.8	205.00	Y355L1-6	240	
		98.0	104.5	227.00	Y355L1-6	250	

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

转速 Rotary Speed (r/min)	理论流量 Capacity (m³/min)	升压 Pressure Rise (kpa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit Maximum Weight (kg)
					型号 Type	功率 Power kW	
730 *	115.3	9.8	105.0	25.00	Y250M-8	30	3500
		19.6					

ZHRF-295/300型罗茨鼓风机性能表参数

ZHRF-295/300 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论流量 m <sup>3</sup> /min	升压 Pressure Rise kpa	流量 Capacity m <sup>3</sup> /min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg		
					型号 Type	功率 Power kW			
730 *	122.3	9.8	110.8	26.00	Y250M-8	30	4500		
		19.6	107.5	47.00	Y315S-8	55			
		29.4	104.1	67.00	Y315M-8	75			
				39.2	101.5	88.00	Y355M1-8	110	8000
				49.0	99.40	108.0	Y315L2-8	132	
				58.8	97.50	128.0	Y355M2-8	160	
				68.6	95.80	149.0	Y355M3-8	185	
				78.4	94.40	169.0	Y355M3-8	185	
				88.2	93.00	189.0	Y355L-8	200	
				98.0	89.70	210.0	Y355L2-8	250	
		800	134.0	9.8	122.4	29.00	Y250M-6	37	4500
				19.6	118.6	51.00	Y315S-6	75	
29.4	115.7			74.00	Y315M-6	90			
				39.2	113.1	96.00	Y315L1-6	110	5000
				49.0	111.0	118.0	Y315L2-6	132	
				58.8	107.1	141.0	Y355M-6	160	
				68.6	107.5	163.0	Y355M1-6	185	
				78.4	106.1	185.0	Y355M2-6	200	
				88.2	104.7	207.0	Y355M3-6	220	
				98.0	101.4	230.0	Y355M4-6	250	4800
880	147.4			9.8	135.8	32.00	Y250M-6	37	4500
				19.6	132.0	56.00	Y315S-6	75	
		29.4	129.1	81.00	Y315M-6	90			
				39.2	126.5	105.0	Y315L2-6	132	5000
				49.0	124.4	130.0	Y355M1-6	160	
				58.8	122.5	155.0	Y355M1-6	185	
				68.6	120.9	179.0	Y355M2-6	200	
				78.4	119.5	204.0	Y355M3-6	220	
				88.2	116.5	229.0	Y355L1-6	250	
				98.0	114.8	253.0	Y355L1-6	280	4800
		980 *	164.1	9.8	152.5	35.00	Y280S-6	45	4500
				19.6	148.7	63.00	Y315S-6	75	
29.4	145.8			90.00	Y315L1-6	110			
				39.2	143.2	117.0	Y315L2-6	132	5000
				49.0	141.1	145.0	Y355M1-6	160	
				58.8	139.2	172.0	Y355M1-6	185	
				68.6	137.6	200.0	Y355M3-6	220	
				78.4	136.2	227.0	Y355L1-6	250	
				88.2	134.8	254.0	Y355L-6	280	
				98.0	131.6	281.0	Y4003-6	315	4800

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

转速 Rotary Speed r/min	理论流量 m <sup>3</sup> /min	升压 Pressure Rise kpa	流量 Capacity m <sup>3</sup> /min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg		
					型号 Type	功率 Power kW			
730 *	150.2	9.8	137.2	32.00	Y280S-8	37	4500		
		19.6	133.1	57.00	Y315M-8	75			
		29.4	129.9	82.00	Y315L1-8	90			
				39.2	127.0	107.0	Y355M1-8	132	5000
				49.0	124.4	132.0	Y355M2-8	160	
				58.8	122.0	157.0	Y355M3-8	185	
				68.6	119.9	182.0	Y355L-8	200	
				78.4	118.0	207.0	Y355L2-8	250	
				88.2	115.7	232.0	Y355L2-8	250	
		800	164.6	9.8	151.6	35.00	Y280S-6	45	4500
				19.6	147.5	63.00	Y315S-6	75	
				29.4	144.3	90.00	Y315L1-6	110	
				39.2	141.4	118.0	Y315L2-6	132	5000
				49.0	138.8	145.0	Y355M1-6	160	
				58.8	136.4	172.0	Y355M2-6	200	
				68.6	134.3	200.0	Y355M3-6	220	
				78.4	132.4	227.0	Y355M4-6	250	
				88.2	132.4	227.0	Y355M4-6	250	
880	181.1			9.8	168.1	39.00	Y280S-6	45	4500
				19.6	164.0	69.00	Y315M-6	90	
				29.4	160.8	99.00	Y315L1-6	110	
				39.2	157.9	129.0	Y355M1-6	160	6200
				49.0	155.3	159.0	Y355M1-6	185	
				58.8	152.9	190.0	Y355M3-6	220	
				68.6	150.8	220.0	Y355M4-6	250	
				78.4	148.9	250.0	Y400-6	280	
				88.2	148.9	250.0	Y400-6	280	
		980 *	201.7	9.8	188.7	43.00	Y280M-6	55	4500
				19.6	184.6	76.00	Y315M-6	90	
				29.4	181.4	110.0	Y315L2-6	132	
				39.2	178.5	144.0	Y355M1-6	160	5000
				49.0	175.9	178.0	Y355M2-6	200	
				58.8	173.5	211.0	Y355L2-6	250	
				68.6	171.4	245.0	Y355L2-6	280	
				78.4	169.5	278.0	Y400-6	315	
				88.2	167.1	311.0	Y4004-6	355	

Note: 1. Direct drive is adopted for model with "\*" Belt drive for others.  
2. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.  
3. Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHRF-350/395型罗茨鼓风机性能表参数

ZHRF-350/395 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论流量 m <sup>3</sup> /min	升压 Pressure Rise kpa	流量 Capacity m <sup>3</sup> /min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg		
					型号 Type	功率 Power kW			
730 *	178.2	9.8	164.0	37.20	Y280M-8	45	5000		
		19.6	159.0	66.90	Y315M-8	75			
		29.4	155.0	96.60	Y315L2-8	110			
				39.2	151.0	126.0	Y355M2-8	160	5500
				49.0	148.0	156.0	Y355M3-8	185	
				58.8	146.0	186.0	Y355L-8	200	
				68.6	142.8	215.0	Y355L2-8	250	
				88.2	142.8	215.0	Y355L2-8	250	
				98.0	142.8	215.0	Y355L2-8	250	
		800	195.2	9.8	181.0	40.80	Y280M-6	55	5000
				19.6	176.0	73.30	Y315M-6	90	
				29.4	172.0	106.0	Y315L2-6	132	
				39.2	168.0	138.0	Y355M1-6	160	5500
				49.0	165.0	171.0	Y355M2-6	185	
				58.8	163.0	204.0	Y355L1-6	220	
				68.6	163.0	204.0	Y355L1-6	220	
				88.2	163.0	204.0	Y355L1-6	220	
				98.0	163.0	204.0	Y355L1-6	220	
880	214.8			9.8	201.0	44.80	Y280M-6	55	5000
				19.6	196.0	80.60	Y315M-6	90	
				29.4	192.0	116.0	Y315L2-6	132	
				39.2	188.0	152.0	Y355M2-6	185	5500
				49.0	185.0	188.0	Y355L1-6	220	
				58.8	182.0	224.0	Y355L-6	250	
				68.6	182.0	224.0	Y355L-6	250	
				88.2	182.0	224.0	Y355L-6	250	
				98.0	182.0	224.0	Y355L-6	250	
		980 *	239.2	9.8	225.0	49.90	Y315S-6	75	5500
				19.6	220.0	89.80	Y315L1-6	110	
				29.4	216.0	109.0	Y355M1-6	160	
				39.2	212.0	170.0	Y355M2-6	185	5500
				49.0	209.0	209.0	Y355L-6	250	
				58.8	207.0	249.0	Y355L-6	280	
				68.6	203.9	289.0	Y4003-6	315	
				88.2	203.9	289.0	Y4003-6	315	
				98.0	203.9	289.0	Y4003-6	315	

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

转速 Rotary Speed r/min	理论流量 m <sup>3</sup> /min	升压 Pressure Rise kpa	流量 Capacity m <sup>3</sup> /min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg		
					型号 Type	功率 Power kW			
730 *	198.77	9.8	184.0	41.10	315S-8	55	6890		
		19.6	177.0	74.30	315L1-8	90			
		29.4	173.0	107.0	355M1-8	132			
				39.2	169.0	141.0	355M2-8	160	6890
				49.0	165.0	174.0	355L-8	200	
				58.8	162.0	207.0	400M2-8	250	
				68.6	159.0	240.0	400M3-8	280	
				78.4	156.0	273.0	400L1-8	315	
				88.2	156.0	273.0	400L1-8	315	
		880	266.84	9.8	252.0	55.20	315S-6	75	7170
				19.6	246.0	99.70	315L1-6	110	
				29.4	241.0	144.0	355M1-6	160	
				39.2	237.0	189.0	355L1-6	220	7170
				49.0	233.0	233.0	355L2-6	250	
				58.8	230.0	278.0	355L4-6	315	
				68.6	227.0	322.0	400M3-6	355	
				78.4	224.0	367.0	400L1-6	400	
				88.2	224.0	367.0	400L1-6	400	

Note: 1. Direct drive is adopted for model with "\*" Belt drive for others.  
2. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.  
3. Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHMG-300/350型罗茨鼓风机性能表参数

ZHMG-300/350 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power Kw	
730	9.8	128.0	30.20	Y280S-8	37	9240
	19.6	123.0	53.40	Y315M-8	75	
	29.4	120.0	76.60	Y315L1-8	90	
	39.2	117.0	100.0	Y315L2-8	110	
	49.0	114.0	123.0	Y355M2-8 ■	160	
	58.8	112.0	146.0	Y355M2-8 ■	160	
	68.6	110.0	169.0	Y355M3-8 ■	185	
	78.4	108.0	193.0	Y355L-8 ■	220	
	88.2	106.0	216.0	Y355L2-8 ■	250	
	98.0	104.0	239.0	Y400M3-8 ●	280	
980	9.8	176.0	40.50	Y280S-6	45	8170
	19.6	171.0	71.70	Y315M-6	90	
	29.4	167.0	103.0	Y315L2-6	132	
	39.2	164.0	134.0	Y355M1-6 ■	160	
	49.0	162.0	165.0	Y355M2-6 ■	185	
	58.8	159.0	196.0	Y355L1-6	220	
	68.6	157.0	227.0	Y355L-6 ■	250	
	78.4	155.0	258.0	Y355L-6 ■	280	
	88.2	153.0	290.0	Y400M3-6	315	
	98.0	152.0	321.0	Y400M3-6 ●	355	

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power Kw	
730	9.8	160.0	36.40	Y280M-8	45	9340
	19.6	154.0	65.30	Y315M-8	75	
	29.4	150.0	94.20	Y315L2-8	110	
	39.2	146.0	123.0	Y355M2-8 ■	160	
	49.0	143.0	152.0	Y355M3-8 ■	185	
	58.8	140.0	180.0	Y355L-8 ■	200	
	68.6	138.0	210.0	Y355L2-8 ■	250	
	78.4	135.0	239.0	Y400M3-8 ●	280	
	88.2	133.0	268.0	Y400L1-8 ●	315	
	980	9.8	219.0	48.90	Y280M-6	
19.6		214.0	87.90	Y315L1-6	110	
29.4		209.0	126.0	Y355M1-6 ■	160	
39.2		206.0	165.0	Y355M2-6 ■	185	
49.0		203.0	204.0	Y355L1-6 ■	220	
58.8		200.0	243.0	Y355L-6 ■	280	
68.6		197.0	282.0	Y400M3-6	315	
78.4		195.0	320.0	Y400M3-6 ●	355	
88.2		192.0	359.0	Y400L1-6 ●	400	

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

Note: 1. Direct drive is adopted for model with "\*" .Belt drive for others.  
2. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.  
3. Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHMG-400B/400型罗茨鼓风机性能表参数

ZHMG-400B/400 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)		
				型号 Type	功率 Power Kw			
730	9.8	184.0	41.10	Y280M-8	55	9420		
	19.6	177.0	74.30	Y315L1-8	90			
	29.4	173.0	107.0	Y355M1-8	132			
	39.2	169.0	141.0	Y355M2-8	160			
	49.0	165.0	174.0	Y355L-8 ■	200			
	58.8	162.0	174.0	Y355L-8 ■	200			
	68.6	159.0	240.0	Y400M3-8 ●	280			
	78.4	156.0	273.0	Y400L1-8 ●	315			
	980	9.8	252.0	55.20	Y315S-6		75	9160
		19.6	246.0	99.70	Y315L1-6		110	
29.4		241.0	144.0	Y355M1-6 ■	160			
39.2		237.0	189.0	Y355L1-6 ■	220			
49.0		233.0	233.0	Y355L2-6 ■	250			
58.8		230.0	322.0	Y355L4-6 ●	315			
68.6		227.0	322.0	Y400M3-6 ●	355			
78.4		224.0	368.0	Y400L1-6 ●	400			

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)		
				型号 Type	功率 Power Kw			
730	9.8	199.0	44.00	Y315S-8	55	9790		
	19.6	191.0	76.80	Y315L1-8	90			
	29.4	185.0	115.3	Y355M1-8	132			
	39.2	181.0	153.7	Y355M3-8 ■	185			
	49.0	178.0	192.1	Y355L-8	220			
	58.8	175.0	230.0	Y355L2-8 ■	250			
	68.6	173.0	266.0	Y400M3-8 ●	280			
	980	9.8	274.0	59.00	Y315S-6		75	9570
		19.6	265.0	103.2	Y315L2-6		132	
		29.4	260.0	154.8	Y355M2-6 ■		185	
39.2		256.0	206.3	Y355L-6 ■	250			
49.0		252.0	257.0	Y355L-6	280			
58.8		249.0	309.5	Y400M3-6 ●	355			
68.6		247.0	361.1	Y400L1-6 ●	400			

Note: 1. Direct drive is adopted for model with "\*" .Belt drive for others.  
2. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.  
3. Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHRG-350/400型罗茨鼓风机性能表参数

ZHRG-350/400 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power Kw	
590	9.8	185.0	43.00	Y315M-10 ■	55	12300
	19.6	180.0	76.00	Y355L2-10 ■	90	
	29.4	176.0	109.0	Y355M2-8 ■	132	
	39.2	173.0	142.0	Y400-10 ●	160	
	49.0	170.0	175.0	Y450-10 ●	200	
	58.8	168.0	208.0	Y450-10 ●	250	
	68.6	165.0	241.0	Y450-10 ●	280	
	78.4	163.0	274.0	Y450-10 ●	315	
	88.2	181.0	307.0	Y450-10 ●	355	
	98.0	159.8	324.0	Y450-10 ●	355	
740	9.8	233.0	55.10	Y315M-8	75	12370
	19.6	228.0	96.00	Y315L2-8	110	
	29.4	224.0	138.0	Y355M2-8	160	
	39.2	221.0	179.0	Y355L-8	200	
	49.0	218.0	220.0	Y400-8 ●	250	
	58.8	215.0	261.0	Y400-8 ●	280	
	68.6	213.0	303.0	Y450-8 ●	355	
	78.4	212.0	344.0	Y450-8 ●	400	
	88.2	210.0	385.0	Y450-8 ●	450	
	98.0	207.7	426.0	Y450-8 ●	450	

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power Kw	
590	9.8	232.0	52.00	Y315L1-10	75	13520
	19.6	226.0	94.00	Y315M1-10	110	
	29.4	221.0	135.0	Y315M1-10	160	
	39.2	217.0	177.0	Y450-10 ●	200	
	49.0	213.0	218.0	Y450-10 ●	250	
	58.8	210.0	260.0	Y450-10 ●	280	
	68.6	207.0	301.0	Y450-10 ●	315	
	78.4	205.0	343.0	Y500-10 ●	400	
	88.2	202.0	385.0	Y500-10 ●	450	
	740	9.8	295.0	65.00	Y315S-8	
19.6		289.0	117.0	Y355M1-8	132	
29.4		285.0	170.0	Y355L1-8	185	
39.2		281.0	222.0	Y400-8 ●	250	
49.0		276.0	273.0	Y450-8 ●	315	
58.8		273.0	326.0	Y450-8 ●	355	
68.6		270.0	378.0	Y450-8 ●	400	
78.4		268.0	431.0	Y450-8 ●	500	
88.2		266.0	484.0	Y500-8 ●	560	

Note: 1. Direct drive is adopted for model with "\*" .Belt drive for others.  
2. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.  
3. Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHRG-450B/450型罗茨鼓风机性能表参数

ZHRG-450B/450 ROOTS BLOWER PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)		
				型号 Type	功率 Power Kw			
590	9.8	262.0	57.00	Y315L2-10	75	14550		
	19.6	254.0	104.0	Y355L-10	132			
	29.4	249.0	150.0	Y450-10 ●	160			
	39.2	244.0	197.0	Y450-10 ●	220			
	49.0	240.0	243.0	Y450-10 ●	280			
	58.8	236.0	291.0	Y450-10 ●	315			
	68.6	233.0	340.0	Y450-10 ●	400			
	78.4	229.0	389.0	Y500-10 ●	450			
	740	9.8	333.0	73.00	Y315M-8		90	14720
		19.6	325.0	131.0	Y355M2-8		160	
29.4		320.0	190.0	Y400-8	200			
39.2		315.0	249.0	Y450-8 ●	280			
49.0		311.0	307.0	Y450-8 ●	355			
58.8		307.0	365.0	Y500-8 ●	400			
68.6		304.0	426.0	Y500-8 ●	450			
78.4		300.0	487.0	Y500-8 ●	560			

注: 1、\*所示转速的罗茨鼓风机采用联轴器传动, 其余为皮带轮传动。  
2、■表示该电机防护等级IP23, ●表示该电机6000V高压电机, 其余电机防护等级IP44, 电压380V。  
3、□内性能点罗茨鼓风机采用中间轴皮带传动。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)		
				型号 Type	功率 Power Kw			
590	9.8	293.0	64.00	Y315L1-10	75	14550		
	19.6	285.0	116.0	Y355M2-10	132			
	29.4	280.0	163.0	Y400-10 ●	185			
	39.2	275.0	220.0	Y450-10 ●	250			
	49.0	271.0	271.0	Y450-10 ●	315			
	58.8	268.0	323.0	Y450-10 ●	355			
	68.6	264.0	375.0	Y500-10 ●	400			
	78.4	261.0	427.0	Y500-10 ●	450			
	740	9.8	372.0	80.00	Y315L1-8		90	14720
		19.6	364.0	145.0	Y355M2-8		160	
29.4		359.0	250.0	Y400-8 ●	220			
39.2		354.0	275.0	Y450-8 ●	315			
49.0		350.0	340.0	Y450-8 ●	400			
58.8		348.0	400.0	Y450-8 ●	450			
68.6		344.0	471.0	Y500-8 ●	500			
78.4		341.0	536.0	Y500-8 ●	560			

Note: 1. Direct drive is adopted for model with "\*" .Belt drive for others.  
2. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.  
3. Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHRR-65/100型双级高压罗茨鼓风机性能表参数

ZHRR-65/100 DOUBLE STAGE HIGH PRESSURE ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg
					型号 Type	功率 Power kW	
1150	2.29	98.0	0.66	3.85	Y132S-4	5.5	310
		107.8	0.63	4.20	Y132S-4	5.5	
		117.6	0.61	4.45	Y132S-4	5.5	
1450	2.89	98.0	1.26	4.85	Y132S-4	5.5	370
		107.8	1.23	5.27	Y132M-4	7.5	
		117.6	1.21	5.61	Y132M-4	7.5	
		127.4	1.19	6.00	Y132M-4	7.5	
		137.2	1.16	6.34	Y132M-4	7.5	
		147.0	1.11	6.72	Y160M-4	11	
1750	3.49	98.0	1.86	5.85	Y132M-4	7.5	370
		107.8	1.83	6.46	Y132M-4	7.5	
		117.6	1.81	6.77	Y132M-4	7.5	
		127.4	1.79	7.24	Y160M-4	11	
		137.2	1.76	7.65	Y160M-4	11	
		147.0	1.71	8.11	Y160M-4	11	
2000	3.99	98.0	2.36	6.70	Y160M-4	11	390
		107.8	2.33	7.27	Y160M-4	11	
		117.6	2.31	7.74	Y160M-4	11	
		127.4	2.29	8.27	Y160M-4	11	
		137.2	2.26	8.75	Y160M-4	11	
		147.0	2.21	9.27	Y160M-4	11	
2500	4.98	98.0	3.35	8.40	Y160M1-2	11	390
		107.8	3.32	9.10	Y160M1-2	11	
		117.6	3.30	9.67	Y160M1-2	11	
		127.4	3.28	10.4	Y160M2-2	15	
		137.2	3.25	10.9	Y160M2-1	15	
		147.0	3.20	11.6	Y160M2-2	15	
3000	5.98	98.0	4.35	10.0	Y160M2-2	15	390
		107.8	4.32	10.9	Y160M2-2	15	
		117.6	4.30	11.6	Y160M2-2	15	
		127.4	4.28	12.4	Y160M2-2	15	
		137.2	4.25	13.1	Y160M2-2	15	
		147.0	4.20	13.9	Y160L-2	18.5	
1150	6.33	98.0	3.58	10.5	Y160L-4	15	720
		107.8	3.53	11.2	Y160L-4	15	
		117.6	3.53	12.0	Y160L-4	15	
		127.4	3.48	12.8	Y160L-4	15	
		98.0	5.24	13.2	Y180M-4	18.5	
		107.8	5.19	14.2	Y180M-4	18.5	
1450	7.99	98.0	5.24	13.2	Y180M-4	18.5	770
		107.8	5.19	14.2	Y180M-4	18.5	
		117.6	5.19	15.1	Y180M-4	18.5	
		127.4	5.14	16.2	Y180M-4	18.5	
		137.2	5.09	17.2	Y180L-4	22	
		147.0	5.04	18.2	Y180L-4	22	
1750	9.64	98.0	6.89	16.0	Y180M-4	18.5	830
		107.8	6.84	17.1	Y180L-4	22	
		117.6	6.84	18.3	Y180L-4	22	
		127.4	6.79	19.5	Y180L-4	22	
		137.2	6.79	20.7	Y200L-4	30	
		147.0	6.69	22.0	Y200L-4	30	
2000	11.0	98.0	8.25	18.3	Y180L-4	22	830
		107.8	8.20	19.5	Y180L-4	22	
		117.6	8.20	20.9	Y200L-4	30	
		127.4	8.15	22.3	Y200L-4	30	
		137.2	8.10	23.1	Y200L-4	30	
		147.0	8.05	25.1	Y200L-4	30	
2500	13.7	98.0	10.95	22.8	Y200L1-2	30	830
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2	30	
		127.4	10.85	27.9	Y200L2-2	37	
		137.2	10.8	29.6	Y200L2-2	37	
		147.0	10.75	31.4	Y200L2-2	37	
3000	18.5	98.0	10.95	22.8	Y200L1-2	30	900
		107.8	10.9	24.4	Y200L1-2	30	
		117.6	10.9	26.1	Y200L1-2		

ZHRR-150D/150型双级高压罗茨鼓风机性能表参数

ZHRR-150D/150 DOUBLE STAGE HIGH PRESSURE ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg
					型号 Type	功率 Power kW	
970	20.8	98.0	13.3	32.8	Y225S-4	37	2100
			107.8	35.3	Y225M-4	45	
			117.6	37.7	Y225M-4	45	
			127.4	40.2	Y225M-4	45	
			137.2	42.6	Y250M-4	55	
			147.0	45.0	Y225M-4	55	
			147.0	45.0	Y225M-4	55	
			147.0	45.0	Y225M-4	55	
1150	24.6	98.0	17.1	38.9	Y225M-4	45	2200
			107.8	41.8	Y250M-4	55	
			117.6	44.7	Y250M-4	55	
			127.4	47.7	Y250M-4	55	
			137.2	50.5	Y280S-4	75	
			147.0	53.3	Y280S-4	75	
			147.0	53.3	Y280S-4	75	
			147.0	53.3	Y280S-4	75	
1450	31.1	98.0	23.6	49.0	Y250M-4	55	2200
			107.8	52.7	Y280S-4	75	
			117.6	56.3	Y280S-4	75	
			127.4	60.1	Y280S-4	75	
			137.2	63.7	Y280S-4	75	
			147.0	67.3	Y280S-4	75	
			147.0	67.3	Y280S-4	75	
			147.0	67.3	Y280S-4	75	
1750	37.5	98.0	30.0	59.2	Y280S-4	75	2300
			107.8	63.6	Y280S-4	75	
			117.6	68.0	Y280S-4	75	
			127.4	72.5	Y280M-4	90	
			137.2	77.0	Y280M-4	90	
			147.0	81.2	Y280M-4	90	
			147.0	81.2	Y280M-4	90	
			147.0	81.2	Y280M-4	90	
2000	42.9	98.0	35.4	67.2	Y280S-4	75	2550
			107.8	72.7	Y280M-4	90	
			117.6	77.7	Y280M-4	90	
			127.4	82.9	Y315S-4	110	
			137.2	87.9	Y315S-4	110	
			147.0	92.8	Y315S-4	110	
			147.0	92.8	Y315S-4	110	
			147.0	92.8	Y315S-4	110	
970*	35.5	98	26.7	56.0	Y315S-6	75	3200
			107.8	60.4	Y315S-6	75	
			117.6	64.5	Y315S-6	75	
			127.4	68.6	Y315M-6	90	
			137.2	72.6	Y315M-6	90	
			147	76.9	Y315M-6	90	
			166.6	84.8	Y315L1-6	110	
			196	97.0	Y315L1-6	110	
1170	42.8	98	34.0	67.5	Y280S-4	75	3500
			107.8	72.8	Y280M-4	90	
			117.6	77.7	Y280M-4	90	
			127.4	82.8	Y315S-4	110	
			137.2	87.5	Y315S-4	110	
			147	92.7	Y315S-4	110	
			156.8	97.8	Y315S-4	110	
			196	117.0	Y315M-4	132	
1250	45.8	98	37.0	72.1	Y280M-4	90	3600
			107.8	77.8	Y280M-4	90	
			117.6	83.1	Y315S-4	110	
			127.4	88.4	Y315S-4	110	
			137.2	93.5	Y315S-4	110	
			147	99.1	Y315S-4	110	
			156.8	105.0	Y315M-4	132	
			196	125.0	Y315L1-4	160	
1350	49.4	98	40.6	77.9	Y280M-4	90	3600
			107.8	84.0	Y315S-4	110	
			117.6	89.7	Y315S-4	110	
			127.4	95.5	Y315S-4	110	
			137.2	101.0	Y315M-4	132	
			147	107.0	Y315M-4	132	
			156.8	113.0	Y315M-4	132	
			196	135.0	Y315L1-4	160	
1450*	53.1	98	44.3	84.2	Y280M-4	90	4200
			107.8	90.7	Y315S-4	110	
			117.6	96.8	Y315S-4	132	
			127.4	103.1	Y315S-4	132	
			137.2	109.0	Y315M-4	132	
			147	115.4	Y315M-4	132	
			156.8	121.9	Y315L1-4	160	
			196	145.5	Y315M1-4	185	

注：1、电机防护等级IP44，电压380V。

- 内性能点罗茨鼓风机采用中间轴皮带传动。
- 机组最大重量不包括中间冷却器。

Note: 1. Motor protection class IP44 voltage 380V.

- Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".
- Unit max weight excludes inter-cooler.

ZHRR-190/200型双级高压罗茨鼓风机性能表参数

ZHRR-190/200 DOUBLE STAGE HIGH PRESSURE ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最大重量 Unit Maximum Weight Kg	
					型号 Type	功率 Power kW		
970	44.4	98	33.4	70.1	Y315M-6	90	4020	
			107.8	74.7	Y315M-6	90		
			117.6	80.5	Y315M-6	90		
			127.4	85.5	Y315L1-6	110		
			137.2	90.5	Y315L1-6	110		
			147	95.6	Y315L1-6	110		
			156.8	99.9	Y315L1-6	110		
			166.6	105.0	Y315L2-6	132		
			176.4	110.0	Y315L2-6	132		
			196	120.0	Y315L2-6	132		
			98	84.5	Y315S-4	110		3900
			107.8	90.1	Y315S-4	110		
			117.6	97.1	Y315S-4	110		
			127.4	103.0	Y315M-4	132		
137.2	109.0	Y315M-4	132					
147	115.0	Y315M-4	132					
156.8	120.0	Y315M-4	132					
166.6	127.0	Y315L1-4	160					
176.4	133.0	Y315L1-4	160					
196	145.0	Y315L1-4	160					
98	102.0	Y315M-4	132	3710				
107.8	110.0	Y315M-4	132					
117.6	118.0	Y315M-4	132					
127.4	126.0	Y315L1-4	160					
137.2	133.0	Y315L1-4	160					
147	140.0	Y315L1-4	160					
156.8	148.0	Y315M1-4	185					
166.6	155.0	Y315M1-4	185					
176.4	164.0	Y315M1-4	185					
98	109.0	Y315M-4	132		3710			
107.8	118.0	Y315M-4	132					
117.6	126.0	Y315L1-4	160					
127.4	134.0	Y315L1-4	160					
137.2	142.0	Y315L1-4	160					
147	150.0	Y315M1-4	185					
156.8	158.0	Y315M1-4	185					
166.6	166.0	Y315M1-4	185					
176.4	175.0	Y315L2-4	200					
98	118.0	Y315M-4	132	3710				
107.8	127.0	Y315L1-4	160					
117.6	136.0	Y315L1-4	160					
127.4	145.0	Y315L1-4	160					
137.2	153.0	Y315M1-4	185					
147	162.0	Y315M1-4	185					
156.8	171.0	Y315L2-4	200					
166.6	179.0	Y315L2-4	200					
176.4	189.0	Y315L2-4	200					
98	128.0	Y315L1-4	160		4300			
107.8	138.0	Y315L1-4	160					
117.6	147.0	Y315L1-4	160					
127.4	157.0	Y315M1-4	185					
137.2	166.0	Y315M1-4	185					
147	176.0	Y315L2-4	200					
156.8	185.0	Y355M1-4	220					
166.6	194.0	Y355M1-4	220					
176.4	204.0	Y355M2-4	250					
98	105.5	Y315M-4	132	4300				
107.8	112.5	Y315M-4	132					
117.6	121.1	Y315L1-4	160					
127.4	128.6	Y315L1-4	160					
137.2	136.1	Y315L1-4	160					
147	143.7	Y315L1-4	160					
156.8	150.1	Y315M1-4	185					
166.6	157.6	Y315M1-4	185					
176.4	165.1	Y315M1-4	185					
196	180.2	Y355M1-4	220					

- \*所示转速的罗茨风机采用联轴器传动，其余为皮带轮传动。
- 表示该电机防护等级IP23，表示该电机6000V高压电机，其余电机防护等级IP44，电压380V。
- 内性能点罗茨鼓风机采用中间轴皮带传动。

- Direct drive is adopted for model with "\*" Belt drive for others.
- Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●" IP44 and 380V for others.
- Belt drive with counter shaft should be adopted for blower whose performance points are enclosed by the "□".

ZHRR-250/300型双级高压罗茨鼓风机性能表参数

ZHRR-250/300 DOUBLE STAGE HIGH PRESSURE ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论 流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最 大重量 Unit Maximum Weight Kg
					型号 Type	功率 Power kW	
970 *	69.1	98	54.7	108	Y315L2-6	132	4900
		107.8	54.5	115.7	Y315L2-6	132	
		117.6	54.3	123.2	Y355M1-6	160	
		127.4	54.1	131.2	Y355M1-6	160	
		137.2	54.0	139.0	Y355M1-6	160	
		147	53.8	146.7	Y355M2-6	185	
		156.8	53.6	154.6	Y355M2-6	185	
		98	68.9	131.0	Y315L1-4	160	
107.8	68.7	140.2	Y315L1-4	160			
117.6	68.5	149.5	Y315M1-4	185			
127.4	68.3	158.7	Y315M1-4	185			
137.2	68.2	168.0	Y315L2-4	200			
147	68.0	177.2	Y315L2-4	200			
156.8	67.8	186.5	Y315M3-4	220			
98	74.6	140.0	Y315L1-4	160	4500		
107.8	74.4	150.0	Y315M1-4	185			
117.6	74.2	160.0	Y315M1-4	185			
127.4	74.0	170.0	Y315L2-4	200			
137.2	73.9	180.0	Y315M3-4	220			
147	73.7	190.0	Y315M3-4	220			
156.8	73.5	200.0	Y355M-4	250			
98	81.8	151.0	Y315M1-4	185		5000	
107.8	81.6	161.7	Y315M1-4	185			
117.6	81.4	172.5	Y315L2-4	200			
127.4	81.2	183.2	Y315M3-4	220			
137.2	81.1	194.0	Y355M-4	250			
147	80.9	204.7	Y355M-4	250			
156.8	80.7	215.5	Y355M-4	250			
98	88.4	163.0	Y315M1-4	185	5500		
107.8	88.3	174.0	Y315L2-4	200			
117.6	88.1	186.0	Y315L2-4	200			
127.4	87.8	198.0	Y315M3-4	220			
137.2	87.7	210.0	Y355M-4	250			

注: 1、■表示该电机防护等级IP23, ●表示该电机6000V高压电机。  
2、本页所有性能点罗茨鼓风机全部采用中间轴皮带轮传动。  
2、机组最大重量不包括中间冷却器。

转速 Rotary Speed r/min	理论 流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最 大重量 Unit Maximum Weight Kg	
					型号 Type	功率 Power kW		
970 *	137.5	98	115.8	213.3	Y355L3-6	250	4200	
		107.8	115.8	232.1	Y400-6	280		
		117.6	115.8	250.8	Y400-6	280		
		127.4	114.5	269.6	Y400-6	315		
		137.2	114.5	288.4	Y400-6	315		
		98	144.2	257.3	Y355L1-4	280		4400
		107.8	144.2	280.0	Y400-4	315		
		117.6	144.2	302.6	Y400-4	355		
127.4	143.1	325.2	Y400-4	355				
137.2	143.1	347.8	Y450-4	400				
147	143.1	370.5	Y450-4	400				
98	155.5	274.9	Y400-4	315	4500			
107.8	155.5	299.1	Y400-4	355				
117.6	155.5	323.3	Y400-4	355				
127.4	154.2	347.5	Y450-4	400				
137.2	154.2	371.7	Y450-4	400				
147	154.2	395.9	Y450-4	450				
98	169.7	296.9	Y400-4	315		5000		
107.8	169.5	323.1	Y400-4	355				
117.6	169.2	349.3	Y450-4	400				
127.4	168.2	375.5	Y450-4	400				
137.2	168.2	401.7	Y450-4	450				
98	183.8	318.9	Y400-4	355	5500			
107.8	183.8	346.9	Y450-4	400				
117.6	183.2	374.9	Y450-4	450				
127.4	182.1	402.9	Y450-4	450				
137.2	182.1	430.9	Y450-4	500				

Note: 1、Motor protection class IP23 for types marked with ■, 6000V high voltage for types with ●, IP44 and 380V for others.  
2、Belt drive with counter shaft should be adopted for blowers whose performance points in this page.  
3、Unit max weight excludes inter-cooler.

ZHRR-295F/300F型双级高压罗茨鼓风机性能表参数

ZHRR-295F/300F DOUBLE STAGE HIGH PRESSURE ROOTS BLOWER PERFORMANCE TABLE PARAMETERS

转速 Rotary Speed r/min	理论 流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最 大重量 Unit Maximum Weight Kg	
					型号 Type	功率 Power kW		
730 *	122.3	98	97.2	188.0	Y315L1-6	200	8950	
		107.8	97.2	203.0	Y315L1-6	220		
		117.6	96.2	218.0	Y315L3-6	250		
		127.4	96.2	232.0	Y315L3-6	250		
		137.2	96.2	246.0	Y400-6	280		
		147	96.2	259.0	Y400-6	280		
		156.8	95.2	273.0	Y400-6	315		
		166.6	95.2	288.0	Y450-6	315		
		176.4	94.2	301.0	Y400-6	355		
		196	94.2	327.0	Y400-6	355		
		98	122	226.0	Y400-6	250		8950
		107.8	122	244.0	Y400-6	280		
		117.6	121	262.0	Y400-6	315		
		127.4	121	279.0	Y400-6	315		
		137.2	121	296.0	Y400-6	355		
		147	121	312.0	Y400-6	355		
156.8	120	330.0	Y400-6	400				
166.6	120	347.0	Y450-6	400				
176.4	119	363.0	Y400-6	400				
196	119	394.0	Y400-6	450				
98	139	252.0	Y400-6	280	9100			
107.8	139	272.0	Y400-6	315				
117.6	138	292.0	Y400-6	315				
127.4	138	311.0	Y400-6	355				
137.2	138	330.0	Y400-6	355				
147	138	348.0	Y400-6	400				
156.8	137	367.0	Y400-6	400				
166.6	137	386.0	Y450-6	450				
176.4	137	404.0	Y450-6	450				
196	136	439.0	Y450-6	500				

注: 1、■表示该电机防护等级IP23, ●表示该电机6000V高压电机。  
2、本页所有性能点罗茨鼓风机全部采用中间轴皮带轮传动。  
2、机组最大重量不包括中间冷却器。

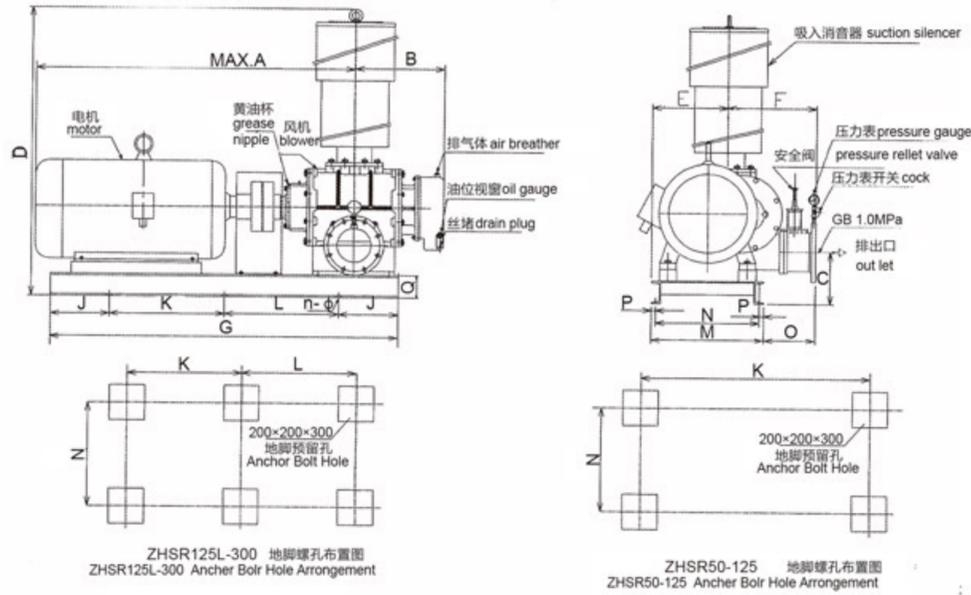
转速 Rotary Speed r/min	理论 流量 m³/min	升压 Pressure Rise kpa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机		机组最 大重量 Unit Maximum Weight Kg
					型号 Type	功率 Power kW	
730 *	150.2	98	123	222.0	Y315L2-6	250	9600
		107.8	123	250.0	Y315L2-6	280	
		117.6	122	267.0	Y355M1-6	315	
		127.4	122	284.0	Y355M1-6	315	
		137.2	121	302.0	Y355M1-6	355	
		147	121	320.0	Y355M2-6	355	
		156.8	120	332.0	Y355M2-6	400	
		166.6	119	353.0	Y315L1-6	400	
		176.4	119	370.0	Y315L1-6	400	
		98.0	137	254.0	Y400-6	280	
107.8	137	273.0	Y400-6	315			
117.6	136	292.0	Y400-6	355			
127.4	136	311.0	Y400-6	355			
137.2	135	331.0	Y400-6	400			
147	135	350.0	Y400-6	400			
156.8	134	364.0	Y400-6	400			
166.6	133	387.0	Y450-6	450			
176.4	133	406.0	Y450-6	450			
98.0	153	279.0	Y400-6	315	9800		
107.8	153	301.0	Y400-6	355			
117.6	152	321.0	Y400-6	355			
127.4	152	342.0	Y400-6	400			
137.2	151	365.0	Y400-6	400			
147	151	385.0	Y450-6	450			
156.8	150	400.0	Y450-6	450			
166.6	149	426.0	Y450-6	500			
176.4	149	446.0	Y450-6	500			
98.0	174	311.0	Y400-6	355		10500	
107.8	174	335.0	Y400-6	400			
117.6	173	358.0	Y400-6	400			
127.4	173	381.0	Y450-6	450			
137.2	172	406.0	Y450-6	450			
147	172	429.0	Y450-6	500			
156.8	171	446.0	Y450-6	500			
166.6	170	474.0	Y450-6	500			
176.4	170	497.0	Y450-6	560			

Note: 1、Motor protection class IP23 for types marked with ■, 6000V high voltage for types with ●, IP44 and 380V for others.  
2、Belt drive with counter shaft should be adopted for blowers whose performance points in this page.  
3、Unit max weight excludes inter-cooler.



ZHSR普通型风机直联传动外形图

ZHSR THE ORDINARY BLOWERS DIRECT CONNECT OUTLINE DIMENSIONS



参数 Parameter	线段 Line	A	B	C	D	E	F	G	J
ZHSR-50		590	200	120	750	208	260	620	100
ZHSR-65		630	220	130	860	225	265	680	120
ZHSR-80		740	222	145	1075	240	310	750	125
ZHSR-100		890	259	155	1216	240	310	920	145
ZHSR-125		945	268	185	1412	296	365	990	140
ZHSR-125L		1132	315	196	1400	316	365	1140	140
ZHSR-150		1210	375	210	1696	350	410	1250	150
ZHSR-150L		1328	404	210	1650	377	410	1390	150
ZHSR-200S		1400	468	296	2110	382	430	1500	150
ZHSR-200A		1477	430	270	2180	443	510	1550	175
ZHSR-200		1577	480	270	2216	443	510	1650	175
ZHSR-225		1618	528	337	2585	540	558	1780	180
ZHSR-250S		1660	528	337	2585	540	558	1850	175
ZHSR-250		1850	555	415	2720	595	710	2200	200
ZHSR-300		1985	650	430	2830	595	730	2360	200
ZHSR-300L		2105	710	430	2835	595	730	2480	200
ZHSR-300L1		2205	790	430	2830	595	730	2580	200

参数 Parameter	线段 Line	K	L	M	N	O	P	Q	n-φ
ZHSR-50		420		310	280	167	15	80	4-φ14
ZHSR-65		440		330	300	167	15	80	4-φ14
ZHSR-80		500		350	320	194	15	80	4-φ14
ZHSR-100		630		380	350	191	15	80	4-φ14
ZHSR-125		710		450	414	197	18	100	4-φ14
ZHSR-125L		430	430	480	444	198	18	100	6-φ14
ZHSR-150		475	475	520	480	242	18	100	6-φ18
ZHSR-150L		545	545	550	510	239	18	100	6-φ18
ZHSR-200S		600	600	550	504	253	18	120	6-φ18
ZHSR-200A		600	600	660	610	292	25	140	6-φ22
ZHSR-200		650	650	660	610	292	25	140	6-φ22
ZHSR-225		710	710	760	710	381	25	140	6-φ22
ZHSR-250S		750	750	760	710	381	25	140	6-φ22
ZHSR-250		900	900	960	894	345	28	160	6-φ22
ZHSR-300		980	980	960	894	365	28	160	6-φ22
ZHSR-300L		1040	1040	960	894	365	28	160	6-φ22
ZHSR-300L1		1090	1090	960	894	365	28	160	6-φ22

ZHSR-50V/65V型三叶罗茨真空泵性能表参数

ZHSR-50V/65V THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1100	-13.3	1.12	0.36	Y80M2-4	0.75	115
	-19.9	1.03	0.55	Y80M2-4	0.75	
	-26.6	0.94	0.74	Y90S-4	1.1	
	-33.3	0.86	0.93	Y90S-4	1.1	
1230	-13.3	1.29	0.42	Y80M2-4	0.75	120
	-19.9	1.20	0.67	Y80M2-4	0.75	
	-26.6	1.10	0.88	Y90S-4	1.1	
	-33.3	1.02	1.08	Y90L-4	1.5	
1350	-13.3	1.45	0.58	Y80M2-4	0.75	120
	-19.9	1.36	0.80	Y90S-4	1.1	
	-26.6	1.26	1.02	Y90L-4	1.5	
	-33.3	1.16	1.24	Y90L-4	1.5	
1470 △	-13.3	1.62	0.74	Y90S-4	1.1	131
	-19.9	1.54	0.96	Y90S-4	1.1	
	-26.6	1.45	1.18	Y90L-4	1.5	
	-33.3	1.35	1.40	Y90L-4	1.5	
	-39.9	1.25	1.62	Y100L1-4	2.2	
	-43.9	1.21	1.75	Y100L1-4	2.2	
1560	-13.3	1.76	0.86	Y90S-4	1.1	131
	-19.9	1.69	1.09	Y90L-4	1.5	
	-26.6	1.60	1.31	Y90L-4	1.5	
	-33.3	1.50	1.54	Y100L1-4	2.2	
	-39.9	1.37	1.76	Y100L1-4	2.2	
	-43.9	1.31	1.89	Y100L1-4	2.2	
1660	-13.3	1.88	0.93	Y90S-4	1.1	141
	-19.9	1.81	1.17	Y90L-4	1.5	
	-26.6	1.71	1.41	Y90L-4	1.5	
	-33.3	1.61	1.66	Y100L1-4	2.2	
	-39.9	1.48	1.90	Y100L1-4	2.2	
	-43.9	1.42	2.01	Y100L1-4	2.2	
1750	-13.3	1.99	0.99	Y90L-4	1.5	141
	-19.9	1.92	1.27	Y90L-4	1.5	
	-26.6	1.82	1.50	Y100L1-4	2.2	
	-33.3	1.71	1.76	Y100L1-4	2.2	
	-39.9	1.58	2.02	Y100L1-4	2.2	
	-43.9	1.52	2.17	Y100L2-4	3.0	
1850	-13.3	2.32	1.13	Y90L-4	1.5	141
	-19.9	2.05	1.39	Y90L-4	1.5	
	-26.6	1.95	1.65	Y100L1-4	2.2	
	-33.3	1.84	1.91	Y100L1-4	2.2	
	-39.9	1.71	2.19	Y100L2-4	3.0	
	-43.9	1.64	2.32	Y100L2-4	3.0	
1100	-13.3	1.57	0.75	Y90S-4	1.1	154
	-19.9	1.43	0.98	Y90S-4	1.1	
	-26.6	1.30	1.21	Y90L-4	1.5	
	-33.3	1.16	1.45	Y100L1-4	2.2	
1340	-13.3	1.83	0.84	Y90S-4	1.1	154
	-19.9	1.69	1.09	Y90L-4	1.5	
	-26.6	1.54	1.35	Y90L-4	1.5	
	-33.3	1.40	1.61	Y100L1-4	2.2	
1360	-13.3	2.08	0.93	Y90S-4	1.1	154
	-19.9	1.93	1.24	Y90L-4	1.5	
	-26.6	1.78	1.52	Y100L1-4	2.2	
	-33.3	1.64	1.81	Y100L1-4	2.2	
1460 △	-13.3	2.27	1.05	Y90L-4	1.5	159
	-19.9	2.13	1.35	Y90L-4	1.5	
	-26.6	1.99	1.65	Y100L1-4	2.2	
	-33.3	1.84	1.96	Y100L1-4	2.2	
	-39.9	1.70	2.26	Y100L2-4	3.0	
	-43.9	1.61	2.44	Y100L2-4	3.0	
1550	-13.3	2.43	1.13	Y90L-4	1.5	159
	-19.9	2.32	1.45	Y100L1-4	2.2	
	-26.6	2.17	1.77	Y100L1-4	2.2	
	-33.3	2.03	2.09	Y100L1-4	2.2	
	-39.9	1.88	2.41	Y100L2-4	3.0	
	-43.9	1.50	2.60	Y100L2-4	3.0	
1670	-13.3	2.70	1.24	Y90L-4	1.5	168
	-19.9	2.56	1.58	Y100L1-4	2.2	
	-26.6	2.42	1.93	Y100L1-4	2.2	
	-33.3	2.37	2.28	Y100L2-4	3.0	
	-39.9	2.13	2.62	Y100L2-4	3.0	
	-43.9	2.05	2.83	Y112M-4	4.0	
1770	-13.3	2.90	1.32	Y90L-4	1.5	168
	-19.9	2.76	1.69	Y100L1-4	2.2	
	-26.6	2.62	2.06	Y100L1-4	2.2	
	-33.3	2.49	2.43	Y100L2-4	3.0	
	-39.9	2.35	2.79	Y112M-4	4.0	
	-43.9	2.27	3.03	Y112M-4	4.0	
1860	-13.3	3.60	1.44	Y100L1-4	2.2	168
	-19.9	2.94	1.82	Y100L1-4	2.2	
	-26.6	2.80	2.20	Y100L2-4	3.0	
	-33.3	2.65	2.59	Y100L2-4	3.0	
	-39.9	2.51	2.98	Y112M-4	4.0	
	-43.9	2.44	3.20	Y112M-4	4.0	

注: 1、△所示转速优选直联传动, 电压380V。

Note: 1. △ Indicates direct connection drive for speed optimization. The voltage is 380 V.

ZHSR-80V(VH)型三叶罗茨真空泵性能表参数

ZHSR-80V (VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1130	-13.2	2.92	1.01	Y100L1-4	2.2	227
	-19.9	2.79	1.46	Y100L1-4	2.2	
	-26.6	2.65	1.90	Y100L1-4	2.2	
	-33.3	2.50	2.35	Y100L2-4	3.0	
1240	-13.2	3.29	1.17	Y100L1-4	2.2	238
	-19.9	3.15	1.66	Y100L1-4	2.2	
	-26.6	3.00	2.14	Y100L2-4	3.0	
	-33.3	2.85	2.63	Y100L2-4	3.0	
	-39.9	2.69	3.11	Y112M-4	4.0	
1300	-13.3	3.49	1.30	Y100L1-4	2.2	238
	-19.9	3.35	1.80	Y100L1-4	2.2	
	-26.6	3.20	2.30	Y100L2-4	3.0	
	-33.3	3.05	2.80	Y112M-4	4.0	
	-39.9	2.89	3.30	Y112M-4	4.0	
	-43.9	2.82	3.60	Y112M-4	4.0	
1370	-13.3	3.73	1.44	Y100L1-4	2.2	253
	-19.9	3.59	1.96	Y100L1-4	2.2	
	-26.6	3.44	2.49	Y100L2-4	3.0	
	-33.3	3.29	3.01	Y112M-4	4.0	
	-39.9	3.13	3.53	Y132S-4	5.5	
	-43.9	3.06	4.00	Y132S-4	5.5	
1470 △	-53.3	2.92	5.01	Y132M-4	7.5	253
	-13.3	4.03	1.60	Y100L1-4	2.2	
	-19.9	3.89	2.16	Y100L2-4	3.0	
	-26.6	3.74	2.73	Y100L2-4	3.0	
	-33.3	3.59	3.30	Y112M-4	4.0	
	-39.9	3.43	3.86	Y132S-4	5.5	
	-43.9	3.35	4.20	Y132S-4	5.5	

注：1、△所示转速优选直联传动，电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1570	-13.3	4.35	1.82	Y100L1-4	2.2	253
	-19.9	4.21	2.40	Y100L2-4	3.0	
	-26.6	4.07	2.99	Y112M-4	4.0	
	-33.3	3.92	3.57	Y132S-4	5.5	
	-39.9	3.77	4.16	Y132S-4	5.5	
	-43.9	3.66	4.80	Y132S-4	5.5	
1660	-13.3	4.64	2.01	Y100L1-4	2.2	253
	-19.9	4.51	2.62	Y100L2-4	3.0	
	-26.6	4.37	3.24	Y112M-4	4.0	
	-33.3	4.22	3.85	Y132S-4	5.5	
	-39.9	4.06	4.46	Y132S-4	5.5	
	-43.9	3.96	5.00	Y132S-4	5.5	
1750	-13.3	4.95	2.23	Y100L2-4	3.0	253
	-19.9	4.81	2.85	Y112M-4	4.0	
	-26.6	4.67	3.48	Y112M-4	4.0	
	-33.3	4.53	4.11	Y132S-4	5.5	
	-39.9	4.38	4.73	Y132S-4	5.5	
	-43.9	4.27	5.30	Y132M-4	7.5	
1840	-13.3	5.23	2.42	Y100L2-4	3.0	266
	-19.9	5.10	3.09	Y112M-4	4.0	
	-26.6	4.96	3.75	Y132S-4	5.5	
	-33.3	4.81	4.42	Y132S-4	5.5	
	-39.9	4.65	5.09	Y132S-4	5.5	
	-43.9	4.55	5.70	Y132M-4	7.5	

Note: 1.△ Indicates direct connection drive for speed optimization.The voltage is 380 V.

ZHSR-100V(VH)型三叶罗茨真空泵性能表参数

ZHSR-100V (VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)	
				型号 Type	功率 Power(Kw)		
1070	-13.3	4.35	1.56	Y100L2-4	3.0	290	
	-19.9	4.06	2.24	Y100L2-4	3.0		
	-26.6	3.80	2.92	Y112M-4	4.0		
	-33.3	3.57	3.60	Y112M-4	4.0		
	-13.3	4.83	1.80	Y100L2-4	3.0		315
-19.9	4.56	2.53	Y100L2-4	3.0			
-26.6	4.29	3.27	Y112M-4	4.0			
-33.3	4.03	4.10	Y132S-4	5.5			
-39.9	3.78	4.72	Y132S-4	5.5			
1160	-43.9	3.63	5.15	Y132M-4	7.5	315	
	-53.3	5.51	5.85	Y132M-4	7.5		
	-13.3	5.27	1.97	Y100L2-4	3.0		315
	-19.9	4.99	2.74	Y112M-4	4.0		
	-26.6	4.72	3.52	Y112M-4	4.0		
-33.3	4.46	4.29	Y132S-4	5.5			
-39.9	4.20	5.07	Y132S-4	5.5			
1140	-43.9	4.07	5.52	Y132M-4	7.5	315	
	-53.3	3.93	6.45	Y132M-4	7.5		
	-13.3	5.80	2.09	Y100L2-4	3.0		315
	-19.9	5.54	2.94	Y112M-4	4.0		
	-26.6	5.27	3.79	Y132S-4	5.5		
-33.3	5.01	4.65	Y132S-4	5.5			
-39.9	4.74	5.59	Y132M-4	7.5			
1320	-43.9	4.58	6.00	Y132M-4	7.5	315	
	-53.3	4.46	7.13	Y160M-4	11		
	-13.3	8.00	2.87	Y112M-4	4.0		360
	-19.9	7.81	3.95	Y132S-4	5.5		
	-26.6	7.60	5.07	Y132S-4	5.5		
-33.3	7.38	6.19	Y132M-4	7.5			
-39.9	7.19	7.27	Y160M-4	11			
1790	-43.9	7.01	8.00	Y160M-4	11	360	
	-53.3	6.83	9.21	Y160L-4	15		

注：1、△所示转速优选直联传动，电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1480 △	-13.3	6.51	2.27	Y100L2-4	3.0	315
	-19.9	6.28	3.19	Y112M-4	4.0	
	-26.6	6.05	4.14	Y132S-4	5.5	
	-33.3	5.82	5.05	Y132S-4	5.5	
	-39.9	5.60	5.97	Y132M-4	7.5	
	-43.9	5.47	6.51	Y132M-4	7.5	
1580	-53.3	5.35	8.03	Y160M-4	11	360
	-13.3	6.99	2.45	Y100L2-4	3.0	
	-19.9	6.77	3.43	Y112M-4	4.0	
	-26.6	6.55	4.44	Y132S-4	5.5	
	-33.3	6.33	5.44	Y132M-4	7.5	
	-39.9	6.10	6.40	Y132M-4	7.5	
1700	-43.9	5.96	7.58	Y160M-4	11	360
	-53.3	5.84	8.50	Y160M-4	11	
	-13.3	7.57	2.66	Y112M-4	4.0	
	-19.9	7.37	3.72	Y132S-4	5.5	
	-26.6	7.16	4.79	Y132S-4	5.5	
	-33.3	6.95	5.86	Y132M-4	7.5	
1790	-39.9	6.73	6.92	Y132M-4	7.5	360
	-43.9	6.60	7.56	Y160M-4	11	
	-53.3	6.49	8.87	Y160M-4	11	
	-13.3	8.00	2.87	Y112M-4	4.0	
	-19.9	7.81	3.95	Y132S-4	5.5	
	-26.6	7.60	5.07	Y132S-4	5.5	

Note: 1.△ Indicates direct connection drive for speed optimization.The voltage is 380 V.

ZHSR-125V(VH)型三叶罗茨真空泵性能表参数

ZHSR-125V (VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
980 △	-13.3	6.24	2.27	Y132S-4	5.5	415
	-19.9	5.97	3.17	Y132S-4	5.5	
	-26.6	5.70	4.07	Y132S-4	5.5	
	-33.3	5.42	4.97	Y132S-4	5.5	
	-39.9	5.14	5.86	Y132M-4	7.5	
	-43.9	5.01	6.40	Y132M-4	7.5	
	-53.3	4.84	7.40	Y160M-4	11	
	-53.3	4.84	7.40	Y160M-4	11	
1050	-13.3	6.75	2.60	Y132S-4	5.5	415
	-19.9	6.48	3.53	Y132S-4	5.5	
	-26.6	6.21	4.47	Y132S-4	5.5	
	-33.3	5.94	5.41	Y132M-4	7.5	
	-39.9	5.66	6.53	Y132M-4	7.5	
	-43.9	5.61	7.60	Y160M-4	11	
	-53.3	5.50	8.82	Y160M-4	11	
	-53.3	5.50	8.82	Y160M-4	11	
1200	-13.3	7.77	3.26	Y132S-4	5.5	457
	-19.9	7.51	4.31	Y132S-4	5.5	
	-26.6	7.25	5.37	Y132M-4	7.5	
	-33.3	6.98	6.42	Y132M-4	7.5	
	-39.9	6.69	7.47	Y160M-4	11	
	-43.9	6.58	8.48	Y160M-4	11	
	-53.3	6.42	9.95	Y160M-4	11	
	-53.3	6.42	9.95	Y160M-4	11	
1310	-13.3	8.57	3.71	Y132S-4	5.5	457
	-19.9	8.36	4.87	Y132S-4	5.5	
	-26.6	8.13	6.02	Y132M-4	7.5	
	-33.3	7.88	7.18	Y160M-4	11	
	-39.9	7.61	8.33	Y160M-4	11	
	-43.9	7.44	9.40	Y160M-4	11	
	-53.3	7.30	10.52	Y160L-4	15	
	-53.3	7.30	10.52	Y160L-4	15	

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1410	-13.3	9.27	4.05	Y132S-4	5.5	457
	-19.9	9.05	5.29	Y132M-4	7.5	
	-26.6	8.82	6.53	Y132M-4	7.5	
	-33.3	8.57	7.77	Y160M-4	11	
	-39.9	8.30	9.00	Y160M-4	11	
	-43.9	8.15	10.20	Y160L-4	15	
	-53.3	8.00	11.75	Y160L-4	15	
	-53.3	8.00	11.75	Y160L-4	15	
1470 △	-13.3	9.70	4.37	Y132S-4	5.5	457
	-19.9	9.48	5.66	Y132M-4	7.5	
	-26.6	9.25	6.95	Y132M-4	7.5	
	-33.3	9.02	8.23	Y160M-4	11	
	-39.9	8.78	9.50	Y160M-4	15	
	-43.9	8.50	10.90	Y160L-4	15	
	-53.3	8.35	12.30	Y160L-4	15	
	-53.3	8.35	12.30	Y160L-4	15	
1550	-13.3	10.37	4.62	Y132S-4	5.5	475
	-19.9	10.10	5.98	Y132M-4	7.5	
	-26.6	9.82	7.34	Y160M-4	11	
	-33.3	9.58	8.70	Y160M-4	11	
	-39.9	9.33	10.10	Y160M-4	11	
	-43.9	9.13	11.50	Y160L-4	15	
	-53.3	9.00	13.00	Y160L-4	15	
	-53.3	9.00	13.00	Y160L-4	15	
1650	-13.3	11.00	5.18	Y132S-4	5.5	475
	-19.9	10.70	6.64	Y132M-4	7.5	
	-26.6	10.50	8.11	Y160M-4	11	
	-33.3	10.30	9.58	Y160M-4	11	
	-39.9	10.10	11.10	Y160L-4	15	
	-43.9	9.61	11.93	Y160L-4	15	
	-53.3	9.50	15.03	Y180M-4	18.5	
	-53.3	9.50	15.03	Y180M-4	18.5	
1770	-13.3	11.80	5.70	Y132M-4	7.5	475
	-19.9	11.50	7.23	Y160M-4	11	
	-26.6	11.30	8.75	Y160M-4	11	
	-33.3	11.10	10.30	Y160M-4	11	
	-39.9	10.90	11.80	Y160L-4	15	
	-43.9	10.38	12.71	Y160L-4	15	
	-53.3	10.23	16.20	Y180M-4	18.5	
	-53.3	10.23	16.20	Y180M-4	18.5	

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.

ZHSR-150V(VH)型三叶罗茨真空泵性能表参数

ZHSR-150V (VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
830	-13.3	12.60	3.51	Y132M-4	7.5	640
	-19.9	12.20	4.83	Y132M-4	7.5	
	-26.6	11.80	6.72	Y132M-4	7.5	
	-33.3	11.40	8.61	Y160M-4	11	
	-39.9	11.00	10.50	Y160L-4	15	
	-43.9	10.75	11.61	Y160L-4	15	
	-53.3	10.75	11.61	Y160L-4	15	
	-53.3	10.75	11.61	Y160L-4	15	
870	-13.3	13.80	4.12	Y132M-4	7.5	640
	-19.9	13.30	6.00	Y132M-4	7.5	
	-26.6	12.80	7.80	Y160M-4	11	
	-33.3	12.30	9.77	Y160M-4	11	
	-39.9	11.80	11.70	Y160L-4	15	
	-43.9	11.50	13.74	Y160L-4	15	
	-53.3	11.50	13.74	Y160L-4	15	
	-53.3	11.50	13.74	Y160L-4	15	
990 △	-13.3	15.60	4.46	Y132M-4	7.5	666
	-19.9	15.10	6.58	Y132M-4	7.5	
	-26.6	14.60	8.70	Y160M-4	11	
	-33.3	14.20	10.80	Y160L-4	15	
	-39.9	13.80	12.90	Y160L-4	15	
	-43.9	13.60	15.00	Y180M-4	18.5	
	-53.3	13.60	15.00	Y180M-4	18.5	
	-53.3	13.60	15.00	Y180M-4	18.5	
1120	-13.3	17.70	6.61	Y132M-4	7.5	681
	-19.9	17.30	8.94	Y160M-4	11	
	-26.6	16.80	11.30	Y160L-4	15	
	-33.3	16.30	13.60	Y160L-4	15	
	-39.9	15.80	15.90	Y180M-4	18.5	
	-43.9	15.55	18.30	Y180L-4	22	
	-53.3	15.40	21.80	Y200L-4	30	
	-53.3	15.40	21.80	Y200L-4	30	
1200	-13.3	19.20	7.57	Y160M-4	11	681
	-19.9	18.70	9.93	Y160M-4	11	
	-26.6	18.20	13.30	Y160L-4	15	
	-33.3	17.80	15.70	Y180M-4	18.5	
	-39.9	17.30	18.20	Y180M-4	18.5	
	-43.9	16.93	20.70	Y200L-4	30	
	-53.3	16.80	23.00	Y200L-4	30	
	-53.3	16.80	23.00	Y200L-4	30	

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1270	-13.3	20.30	8.40	Y160M-4	11	681
	-19.9	19.90	10.80	Y160L-4	15	
	-26.6	19.50	13.20	Y160L-4	15	
	-33.3	19.10	15.60	Y180L-4	18.5	
	-39.9	18.70	18.00	Y180L-4	22	
	-43.9	18.09	20.42	Y180L-4	22	
	-53.3	17.90	23.83	Y200L-4	30	
	-53.3	17.90	23.83	Y200L-4	30	
1470 △	-13.3	22.50	10.50	Y160L-4	15	752
	-19.9	22.10	13.20	Y160L-4	15	
	-26.6	21.70	15.90	Y180M-4	18.5	
	-33.3	21.30	18.60	Y180L-4	22	
	-39.9	20.90	21.30	Y200L-4	30	
	-43.9	20.69	24.00	Y200L-4	30	
	-53.3	20.50	26.80	Y225S-4	37	
	-53.3	20.50	26.80	Y225S-4	37	
1540	-13.3	24.70	12.50	Y160L-4	15	752
	-19.9	24.20	15.40	Y180M-4	18.5	
	-26.6	23.70	18.30	Y180L-4	22	
	-33.3	23.20	21.20	Y200L-4	30	
	-39.9	22.70	24.00	Y200L-4	30	
	-43.9	22.25	27.10	Y200L-4	30	
	-53.3	22.10	30.35	Y225S-4	37	
	-53.3	22.10	30.35	Y225S-4	37	
1670	-13.3	26.50	14.30	Y180M-4	18.5	756
	-19.9	26.00	17.40	Y180L-4	22	
	-26.6	25.50	20.50	Y180L-4	22	
	-33.3	25.00	23.50	Y200L-4	30	
	-39.9	24.50	26.60	Y200L-4	30	
	-43.9	24.22	28.41	Y200L-4	30	
	-53.3	24.08	36.40	Y225M-4	45	
	-53.3	24.08	36.40	Y225M-4	45	
1780	-13.3	27.80	15.90	Y180M-4	18.5	776
	-19.9	27.30	19.20	Y180L-4	22	
	-26.6	26.80	22.50	Y200L-4	30	
	-33.3	26.30	25.80	Y200L-4	30	
	-39.9	25.70	29.10	Y225S-4	37	
	-43.9	25.50	32.07	Y225S-4	37	
	-53.3	25.35	35.52	Y225M-4	45	
	-53.3	25.35	35.52	Y225M-4	45	

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2. Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.

ZHSR-200DV(VH)型三叶罗茨真空泵性能表参数

ZHSR-200DV (VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)	
				型号 Type	功率 Power(Kw)		
850	-13.3	24.84	10.07	Y160L-4	15	980	
	-19.9	23.90	13.81	Y180M-4	18.5		
	-26.6	23.10	16.65	Y180L-4	22		
	-33.3	22.55	19.14	Y180L-4	22		
	-39.9	21.51	21.70	Y200L-4	30		
	-43.9	19.89	24.80	Y200L-4	30		
	-53.3	18.30	27.80	Y200L-4	30		
	-13.3	26.63	11.46	Y160L-4	15		
900	-19.9	25.75	14.56	Y180M-4	18.5	980	
	-26.6	24.86	17.75	Y180L-4	22		
	-33.3	24.28	20.53	Y200L-4	30		
	-39.9	23.42	23.38	Y200L-4	30		
	-43.9	22.10	27.14	Y200L-4	30		
	-53.3	20.80	31.50	Y225S-4	37		
	-13.3	28.18	11.96	Y160L-4	15		1020
	-19.9	27.24	15.70	Y180M-4	18.5		
-26.6	26.55	19.01	Y180L-4	22			
-33.3	25.88	21.74	Y200L-4	30			
-39.9	24.96	25.15	Y200L-4	30			
-43.9	23.42	28.86	Y225S-4	37			
-53.3	22.10	32.90	Y225S-4	37			

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1070	-13.3	31.80	14.20	Y180M-4	18.5	1020
	-19.9	31.32	18.48	Y180L-4	22	
	-26.6	30.57	22.64	Y200L-4	30	
	-33.3	29.95	25.53	Y200L-4	30	
	-39.9	29.08	29.27	Y225S-4	37	
	-43.9	28.02	33.12	Y225S-4	37	
	-53.3	27.00	37.10	Y225M-4	45	
	-13.3	35.15	16.11	Y180L-4	22	
-19.9	34.25	20.99	Y200L-4	30		
-26.6	33.65	24.85	Y200L-4	30		
-33.3	32.91	28.58	Y225S-4	37		
-39.9	32.03	32.33	Y225S-4	37		
-43.9	30.98	36.84	Y225M-4	45		
-53.3	29.50	40.10	Y225M-4	45		
-13.3	37.47	18.02	Y180L-4	22	1060	
-19.9	36.62	23.57	Y200L-4	30		
-26.6	35.79	27.67	Y200L-4	30		
-33.3	35.13	31.53	Y225S-4	37		
-39.9	34.23	35.84	Y225M-4	45		
-43.9	32.59	40.58	Y225M-4	45		
-53.3	31.00	45.00	Y250M-4	55		
-13.3	40.00	22.19	Y200L-4	30		1155
-19.9	39.12	26.00	Y200L-4	30		
-26.6	38.32	30.85	Y225S-4	37		
-33.3	37.66	35.35	Y225M-4	45		
-39.9	36.67	39.61	Y225M-4	45		
-43.9	34.68	44.80	Y250M-4	55		
-53.3	32.60	49.80	Y250M-4	55		

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2.Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.

ZHSR-200V(VH)型三叶罗茨真空泵性能表参数

ZHSR-200V (VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS



转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
810	-13.3	31.07	10.38	Y180M-4	18.5	1325
	-19.9	29.92	14.89	Y180M-4	18.5	
	-26.6	29.01	18.96	Y180L-4	22	
	-33.3	28.16	23.20	Y200L-4	30	
	-39.9	27.08	27.43	Y200L-4	30	
	-43.9	26.72	32.85	Y225S-4	37	
	-53.3	25.65	37.10	Y225M-4	45	
	-13.3	34.92	12.49	Y180M-4	18.5	
-19.9	33.98	17.37	Y180M-4	18.5		
-26.6	33.12	22.01	Y200L-4	30		
-33.3	32.28	26.82	Y200L-4	30		
-39.9	31.19	31.49	Y225S-4	37		
-43.9	29.76	34.30	Y225S-4	37		
-53.3	29.60	39.20	Y225M-4	45		
-13.3	38.39	14.40	Y180M-4	18.5	1360	
-19.9	37.24	19.66	Y180L-4	22		
-26.6	36.85	24.80	Y200L-4	30		
-33.3	35.97	30.06	Y225S-4	37		
-39.9	35.10	35.14	Y225S-4	37		
-43.9	34.60	41.19	Y225M-4	45		
-53.3	34.45	46.50	Y250M-4	55		
-13.3	42.37	16.95	Y180M-4	18.5		1360
-19.9	41.02	21.61	Y200L-4	30		
-26.6	40.97	27.72	Y200L-4	30		
-33.3	40.09	33.57	Y225S-4	37		
-39.9	38.86	39.32	Y225S-4	45		
-43.9	36.37	44.81	Y250M-4	55		
-53.3	36.22	50.00	Y250M-4	55		

注: 1、△所示转速优选直联传动, 另视转速调整极数。  
2、带链传动一般为4极电机, 电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
1150	-13.3	45.90	18.61	Y180L-4	22	1443
	-19.9	45.25	24.06	Y200L-4	30	
	-26.6	44.65	30.15	Y225S-4	37	
	-33.3	43.72	36.35	Y225M-4	45	
	-39.9	42.50	42.76	Y250M-4	55	
	-43.9	40.96	46.16	Y250M-4	55	
	-53.3	40.80	52.71	Y280S-4	75	
	-13.3	49.01	20.58	Y180L-4	22	
-19.9	48.38	26.74	Y200L-4	30		
-26.6	47.79	33.47	Y225S-4	37		
-33.3	47.02	40.25	Y225M-4	45		
-39.9	45.87	46.83	Y250M-4	55		
-43.9	43.78	53.74	Y280S-4	75		
-53.3	43.60	60.90	Y280S-4	75		
-13.3	52.26	23.03	Y200L-4	30	1570	
-19.9	51.61	29.61	Y225S-4	37		
-26.6	50.95	36.65	Y225M-4	45		
-33.3	50.33	43.84	Y250M-4	55		
-39.9	49.24	50.97	Y250M-4	55		
-43.9	46.60	55.13	Y280S-4	75		
-53.3	46.40	62.00	Y280S-4	75		
-13.3	55.22	25.15	Y200L-4	30		1570
-19.9	54.65	32.33	Y225S-4	37		
-26.6	54.11	39.86	Y225M-4	45		
-33.3	53.61	47.40	Y250M-4	55		
-39.9	52.64	55.03	Y280S-4	75		
-43.9	51.44	63.57	Y280S-4	75		
-53.3	50.28	70.20	Y280S-4	75		
-13.3	58.65	27.52	Y200L-4	30	1570	
-19.9	57.17	34.83	Y225S-4	37		
-26.6	57.00	42.13	Y225M-4	55		
-33.3	56.50	49.20	Y225M-4	55		
-39.9	56.00	57.06	Y280S-4	75		
-43.9	55.40	70.76	Y280S-4	75		
-53.3	55.00	78.03	Y280M-4	90		

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2.Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.

ZHSR-225V/250DV型三叶罗茨真空泵性能表参数

ZHSR-225V/250DV THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
810	-13.3	37.03	12.37	Y180M-4	18.5	1440
	-19.9	35.66	17.74	Y180L-4	22	
	-26.6	34.58	22.60	Y200L-4	30	
	-33.3	33.56	27.65	Y200L-4	30	
	-39.9	32.27	32.69	Y225S-4	37	
900	-13.3	41.62	14.88	Y180M-4	18.5	1440
	-19.9	40.50	20.70	Y200L-4	30	
	-26.6	39.61	26.23	Y200L-4	30	
	-33.3	38.47	31.96	Y225S-4	37	
	-39.9	37.14	37.53	Y225M-4	45	
980	-13.3	45.76	17.16	Y180L-4	22	1523
	-19.9	44.39	23.43	Y200L-4	30	
	-26.6	43.92	29.56	Y225S-4	37	
	-33.3	42.87	35.83	Y225M-4	45	
	-39.9	41.83	41.88	Y250M-4	55	
1070	-13.3	50.50	19.77	Y180L-4	22	1523
	-19.9	49.89	25.75	Y200L-4	30	
	-26.6	48.76	33.04	Y225S-4	37	
	-33.3	47.78	40.01	Y225M-4	45	
	-39.9	46.32	46.86	Y250M-4	55	
1150	-13.3	54.71	22.18	Y200L-4	30	1650
	-19.9	53.93	28.67	Y225S-4	37	
	-26.6	53.22	35.93	Y225M-4	45	
	-33.3	52.11	43.32	Y250M-4	55	
	-39.9	50.60	50.96	Y250M-4	55	
1230	-13.3	58.42	24.53	Y200L-4	30	1650
	-19.9	57.66	31.87	Y225S-4	37	
	-26.6	56.96	39.89	Y225M-4	45	
	-33.3	56.04	47.97	Y250M-4	55	
	-39.9	54.67	55.82	Y280S-4	75	
1310	-13.3	62.29	27.45	Y200L-4	30	1650
	-19.9	61.51	35.29	Y225M-4	45	
	-26.6	60.73	43.68	Y250M-4	55	
	-33.3	59.99	52.25	Y280S-4	75	
	-39.9	58.69	60.75	Y280S-4	75	
1390	-13.3	65.82	29.97	Y225S-4	37	1718
	-19.9	65.14	38.53	Y225M-4	45	
	-26.6	64.49	47.51	Y250M-4	55	
	-33.3	63.90	56.50	Y280S-4	75	
	-39.9	62.74	65.59	Y280S-4	75	
1480	-13.3	69.91	32.80	Y225M-4	45	1718
	-19.9	69.33	41.54	Y225M-4	45	
	-26.6	68.70	51.41	Y280S-4	75	
	-33.3	68.00	61.03	Y280S-4	75	
	-39.9	67.30	70.39	Y280M-4	90	

注：1、△所示转速优选直联传动，另视转速调整极数。  
2、带链传动一般为4极电机，电压380V。  
3、出风口法兰DN250。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
810	-13.3	40.26	13.45	Y180M-4	18.5	1473
	-19.9	38.77	19.29	Y180L-4	22	
	-26.6	37.59	24.57	Y200L-4	30	
	-33.3	36.49	30.06	Y225S-4	37	
	-39.9	35.09	35.54	Y225M-4	45	
	-43.9	33.33	41.68	Y225M-4	45	
900	-13.3	45.25	16.18	Y180M-4	18.5	1556
	-19.9	44.03	22.51	Y200L-4	30	
	-26.6	42.98	28.52	Y225S-4	37	
	-33.3	41.83	34.75	Y225M-4	45	
	-39.9	40.38	40.81	Y225M-4	45	
	-43.9	38.56	46.45	Y250M-4	55	
980	-13.3	49.75	18.66	Y180L-4	22	1556
	-19.9	48.26	25.47	Y200L-4	30	
	-26.6	47.75	32.14	Y225S-4	37	
	-33.3	46.61	38.95	Y225M-4	45	
	-39.9	45.49	45.54	Y250M-4	55	
	-43.9	44.84	49.49	Y250M-4	55	
1070	-13.3	54.91	21.50	Y200L-4	30	1683
	-19.9	53.16	28.00	Y225S-4	37	
	-26.6	53.01	35.92	Y225M-4	45	
	-33.3	51.95	43.50	Y250M-4	55	
	-39.9	50.36	50.95	Y250M-4	55	
	-43.9	48.13	55.48	Y280S-4	75	
1150	-13.3	59.84	24.11	Y200L-4	30	1683
	-19.9	58.64	31.18	Y225S-4	37	
	-26.6	57.86	39.07	Y225M-4	45	
	-33.3	56.66	47.11	Y250M-4	55	
	-39.9	55.08	55.41	Y280S-4	75	
	-43.9	53.08	59.82	Y280S-4	75	
1230	-13.3	63.51	26.67	Y200L-4	30	1683
	-19.9	62.70	34.65	Y225M-4	45	
	-26.6	61.93	43.37	Y250M-4	55	
	-33.3	60.93	52.16	Y280S-4	75	
	-39.9	59.44	60.69	Y280S-4	75	
	-43.9	56.73	65.75	Y280S-4	75	
1310	-13.3	67.72	29.84	Y225S-4	37	1751
	-19.9	66.88	38.37	Y225M-4	45	
	-26.6	66.03	47.49	Y250M-4	55	
	-33.3	65.22	56.81	Y280S-4	75	
	-39.9	63.81	66.05	Y280S-4	75	
	-43.9	60.39	71.44	Y280M-4	90	
1390	-13.3	71.56	32.59	Y225S-4	37	1751
	-19.9	70.82	41.90	Y250M-4	55	
	-26.6	70.12	51.65	Y280S-4	75	
	-33.3	69.47	61.43	Y280S-4	75	
	-39.9	68.22	71.31	Y280M-4	90	
	-43.9	66.07	77.20	Y280M-4	90	
1480	-13.3	76.01	35.66	Y225M-4	45	1751
	-19.9	75.38	45.16	Y250M-4	55	
	-26.6	74.70	55.89	Y280S-4	75	
	-33.3	73.93	66.35	Y280S-4	75	
	-39.9	73.17	76.54	Y280M-4	90	
	-43.9	71.18	82.63	Y280M-4	90	

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2.Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.  
3.Air outlet flange DN250 is applicable.

ZHSR-250V(VH)/300V(VH)型三叶罗茨真空泵性能表参数

ZHSR-250V(VH)/300V(VH) THREE LEAF ROOTS VACUUM PUMP PERFORMANCE TABLE PARAMETERS

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
980	-13.3	62.70	25.15	Y200L-4	30	2425
	-19.9	62.10	33.54	Y225S-4	37	
	-26.6	61.00	42.15	Y250M-4	55	
	-33.3	60.20	51.36	Y280S-4	75	
	-39.9	59.50	57.26	Y280S-4	75	
	-43.9	58.90	64.42	Y280S-4	75	
1170	-13.3	73.90	30.06	Y225S-4	37	2490
	-19.9	73.00	36.99	Y225S-4	45	
	-26.6	72.20	43.75	Y250M-4	55	
	-33.3	71.40	50.12	Y250M-4	55	
	-39.9	70.50	58.28	Y280S-4	75	
	-43.9	69.40	65.59	Y280S-4	75	
1250	-13.3	78.60	34.20	Y225M-4	45	2490
	-19.9	77.50	40.61	Y225M-4	45	
	-26.6	76.40	47.58	Y250M-4	55	
	-33.3	75.50	54.05	Y280S-4	75	
	-39.9	74.10	62.75	Y280S-4	75	
	-43.9	73.00	69.47	Y280M-4	90	
1360	-13.3	86.60	37.21	Y225M-4	45	2760
	-19.9	85.90	44.18	Y250M-4	55	
	-26.6	84.80	51.47	Y280S-4	75	
	-33.3	83.70	58.83	Y280S-4	75	
	-39.9	82.00	68.66	Y280S-4	75	
	-43.9	80.10	77.38	Y280M-4	90	
1480	-13.3	93.20	40.50	Y250M-4	55	2760
	-19.9	91.70	46.80	Y250M-4	55	
	-26.6	89.80	53.43	Y280S-4	75	
	-33.3	88.50	61.26	Y280S-4	75	
	-39.9	87.80	69.58	Y280S-4	75	
	-43.9	86.20	78.91	Y280M-4	90	

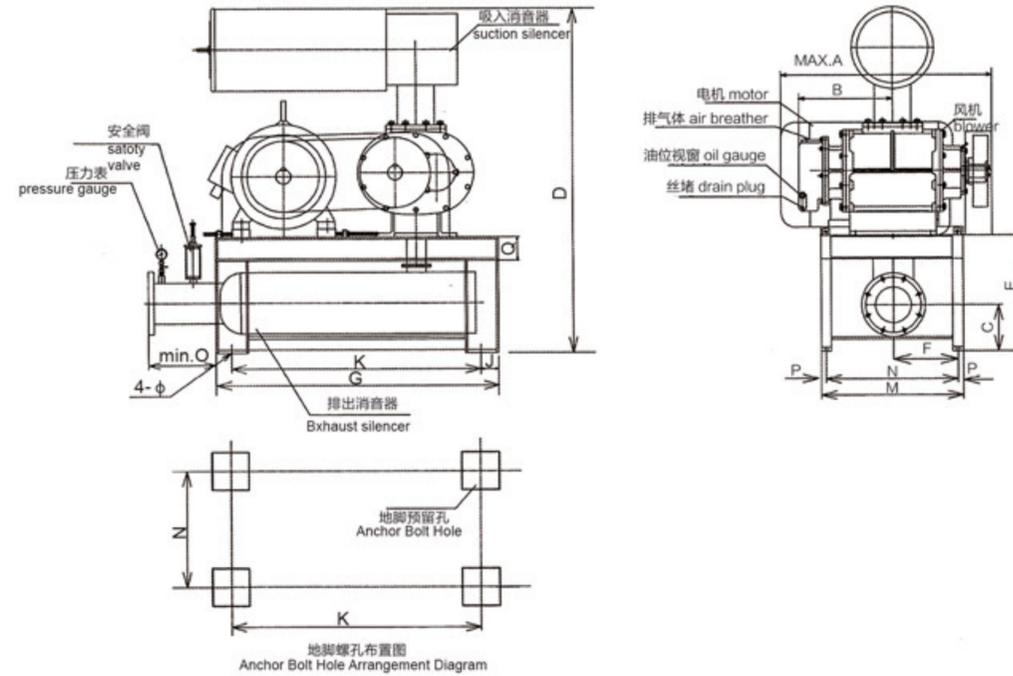
注：1、△所示转速优选直联传动，另视转速调整极数。  
2、带链传动一般为4极电机，电压380V。

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (Kw)	配套电机 Motor		机组最大重量 Unit maximum Weight (kg)
				型号 Type	功率 Power(Kw)	
980	-13.3	89.00	41.34	Y225M-4	45	3510
	-19.9	88.40	47.25	Y250M-4	55	
	-26.6	87.80	62.00	Y280S-4	75	
	-33.3	87.00	70.58	Y280M-4	90	
	-39.9	86.20	82.68	Y280M-4	90	
1170	-13.3	105.4	45.11	Y250M-4	55	3618
	-19.9	104.5	52.13	Y250M-4	55	
	-26.6	103.2	73.31	Y280M-4	90	
	-33.3	102.0	82.44	Y315S-4	110	
	-39.9	100.8	92.00	Y315S-4	110	
1250	-13.3	112.5	48.20	Y250M-4	55	3618
	-19.9	111.6	59.67	Y280S-4	75	
	-26.6	110.8	73.32	Y280M-4	90	
	-33.3	110.0	91.37	Y315S-4	110	
	-39.9	109.1	100.65	Y315S-4	110	

Note: 1.△ Indicates direct connection drive for speed optimization.It is changed to speed adjustment poles additionally.  
2.Generally, 4-pole motor is equipped with connection drive.The voltage is 380V.

ZHSR普通/高压密集型风机皮带传动外形图

OUTLINE DRAWING OF ZHSR ORDINARY/HIGH-PRESSURE DENSE BLOWER BELT DRIVE

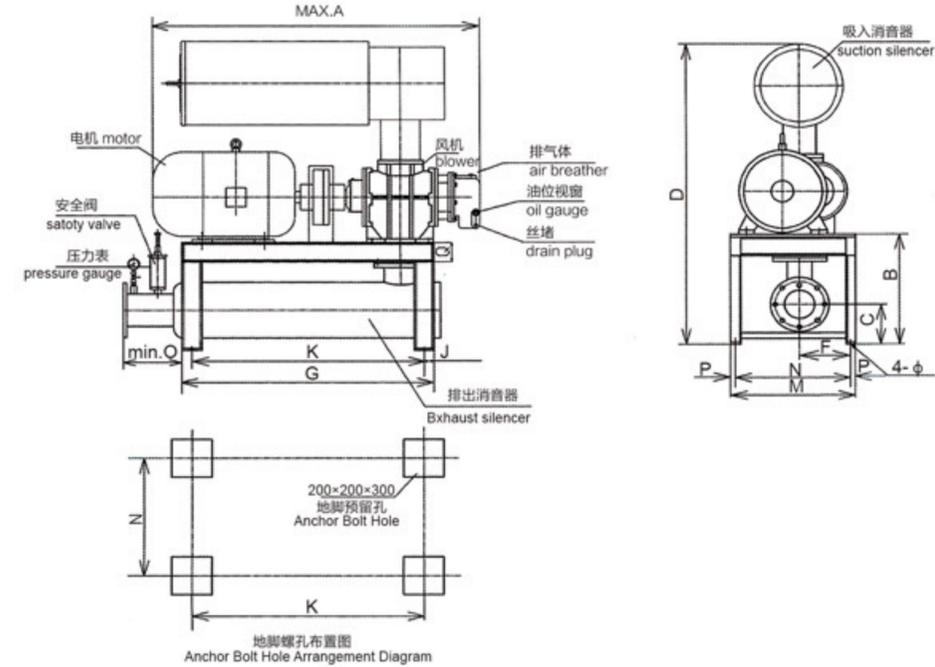


参数 Parameter	线段 Line	A	B	C	D	E	F	G	J	K	M	N	O	P	Q	4-φ
ZHSR-80M		530	222	137	1153	435	137	760	40	650	360	324	150	18	80	4-φ14
ZHSR-100M		680	259	155	1209	453	173	730	40	650	440	404	160	18	80	4-φ14
ZHSR-125M		710	268	190	1366	520	171	860	50	760	470	430	170	20	100	4-φ18
ZHSR-125LM		810	315	190	1366	520	218	980	50	880	570	530	170	20	100	4-φ18
ZHSR-150M		870	375	210	1500	565	243	1050	50	950	590	550	180	20	100	4-φ18
ZHSR-150LM		870	400	210	1479	565	384	1100	65	974	770	780	180	20	100	4-φ18
ZHSR-200SM		960	468	210	1517	565	334	1100	65	974	770	730	180	20	120	4-φ18
ZHSR-200AM		980	430	254	1737	670	277	1280	70	1140	750	702	200	24	140	4-φ22
ZHSR-200M		1080	480	254	1737	670	327	1280	70	1140	950	802	200	24	140	4-φ22
ZHSR-225M		1180	530	254	1950	670	377	1280	63	1140	850	802	200	24	140	4-φ22
ZHSR-250SM		1280	580	254	1950	670	427	1280	70	1140	950	902	200	24	140	4-φ22

参数 Parameter	线段 Line	A	B	C	D	E	F	G	J	K	M	N	O	P	Q	4-φ
ZHSR-80HM		680	222	137	1153	435	189	870	40	790	430	394	150	18	80	4-φ14
ZHSR-100HM		750	259	155	1209	453	225	930	40	850	510	474	160	18	80	4-φ14
ZHSR-125HM		820	268	190	1366	520	228	1100	50	1000	530	490	170	20	100	4-φ18
ZHSR-125LHM		880	315	190	1366	520	275	1150	50	1050	650	610	170	20	100	4-φ18
ZHSR-150HM		1030	375	210	1500	565	315	1200	50	1100	630	590	180	20	100	4-φ18
ZHSR-150LHM		1030	405	210	1479	565	344	1250	50	1150	700	660	180	20	100	4-φ18
ZHSR-200AHM		1270	430	254	1737	565	365	1300	70	1160	750	802	200	24	140	4-φ22
ZHSR-200HM		1370	480	254	1737	670	415	1300	70	1160	850	702	200	24	140	4-φ22
ZHSR-225HM		1470	530	270	1950	670	415	1300	70	1160	950	802	200	24	140	4-φ22

ZHSR-普通/高压密集型风机直联传动外形图

ZHSR GENERAL/HIGH VOLTAGE DENSE BLOWER DIRECT TRANSMISSION OUTLINE DRAWING

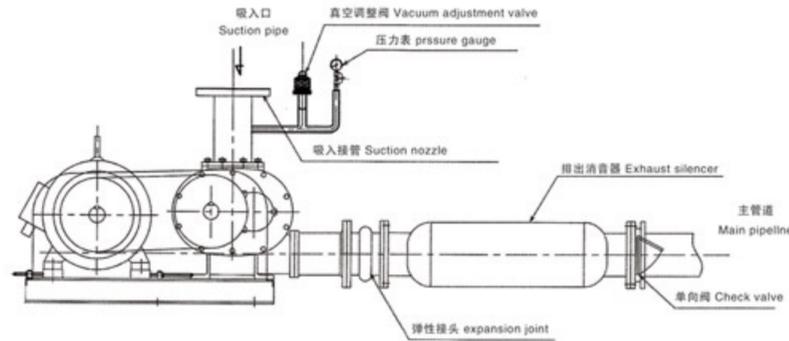


参数 Parameter	线段 Line	A	B	C	D	F	G	J	K	M	N	O	P	Q	4-φ
ZHSR-80M		962	435	137	1153	142	750	40	670	400	364	150	18	80	4-φ14
ZHSR-100M		1194	259	155	1209	162	920	40	880	450	414	160	18	80	4-φ14
ZHSR-125M		1213	268	191	1366	190	990	50	890	510	470	170	20	100	4-φ18
ZHSR-125LM		1447	315	191	1366	190	1140	50	1040	530	490	170	20	100	4-φ18
ZHSR-150M		1585	375	210	1500	225	1250	50	1150	600	560	180	20	100	4-φ18
ZHSR-150LM		1625	400	210	1479	225	1250	65	1150	600	560	180	20	100	4-φ18
ZHSR-200SM		1868	468	210	1517	225	1500	65	1400	630	590	180	20	100	4-φ18
ZHSR-200AM		1957	430	254	1737	261	1650	70	1510	730	682	200	24	140	4-φ22
ZHSR-200M		2057	480	254	1737	261	1650	70	1510	730	682	200	24	140	4-φ22
ZHSR-225M		2157	530	254	1950	261	1750	63	1610	730	682	200	24	140	4-φ22
ZHSR-250SM		2257	580	254	1950	261	1850	70	1710	730	682	200	24	140	4-φ22

参数 Parameter	线段 Line	A	B	C	D	F	G	J	K	M	N	O	P	Q	4-φ
ZHSR-80HM		1137	435	137	1153	142	920	40	840	430	394	150	18	80	4-φ14
ZHSR-100HM		1287	453	155	1209	162	1080	40	1000	460	424	160	18	80	4-φ14
ZHSR-125HM		1370	520	190	1366	190	1230	50	1130	530	490	170	20	100	4-φ18
ZHSR-125LHM		1550	520	190	1366	190	1330	50	1230	550	510	170	20	100	4-φ18
ZHSR-150HM		1820	565	210	1500	225	1380	50	1280	660	620	180	20	100	4-φ18
ZHSR-150LHM		1893	565	210	1479	225	1440	50	1340	600	620	180	20	100	4-φ18
ZHSR-200AHM		2146	670	254	1737	261	1650	70	1510	750	702	200	24	140	4-φ22
ZHSR-200HM		2408	670	254	1737	365	1990	70	1850	830	782	200	24	140	4-φ22
ZHSR-225HM		2346	670	254	1950	365	1780	70	1780	760	710	200	24	140	4-φ22

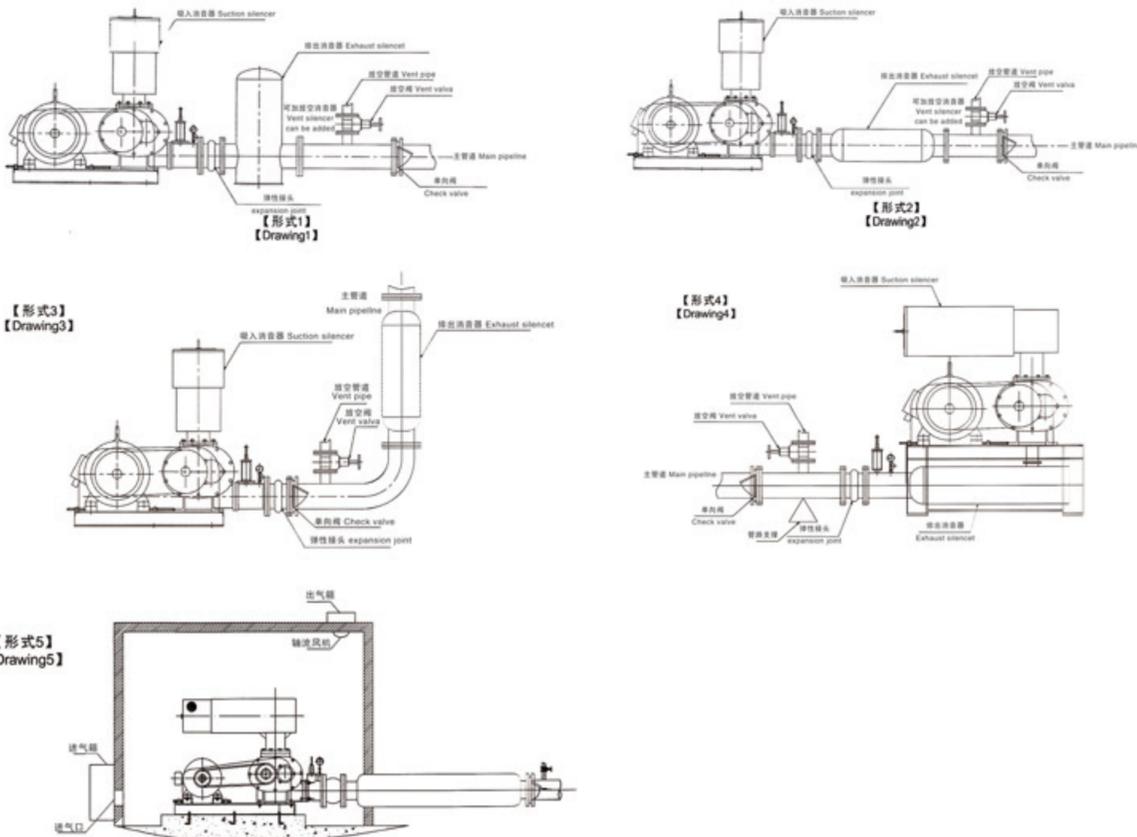
真空泵配管参考图

VACUUM PUMP PIPING REFERENCE CHART



风机配管参考图

BLOWER PIPING REFERENCE CHART



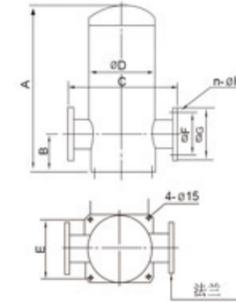
注：(1) DCV型单向阀必须安装在水平管路  
(2) 根据罗茨鼓风机运行特性，应在主管道安泄压装置（放空阀），并在空载下开机或停机。

Note: (1) DCV type check valve must be installed in horizontal line  
(2) according to the characteristics of Roots blower operation, should be in charge of Dao pressure relief device (Fang Kongfa) and under no-load boot or shutdown.

ZHSR型风机特别附属品

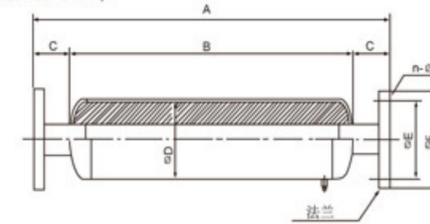
ZHSR TYPE BLOWER SPECIAL ACCESSORY

立式排出消声器 (RKM)



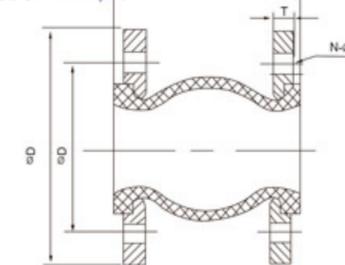
型式 (TYPE)	A	B	C	D	E	F	G	n-øH	重量 (kg)
RKM-50	450	125	150	140	125	125	165	4-ø18	15
RKM-65	500	135	170	170	145	185	185	4-ø18	20
RKM-80	610	145	190	220	190	160	200	8-ø18	27
RKM-100	680	155	220	265	230	180	220	8-ø18	34
RKM-125	820	190	240	293	255	210	250	8-ø18	58
RKM-150	940	210	290	327	280	240	285	8-ø22	80
RKM-175	1060	236	320	403	345	295	340	8-ø22	97
RKM-200	1060	315	320	403	345	295	340	8-ø22	97
RKM-250A	1250	338	350	510	435	350	395	12-ø22	140
RKM-250	1250	410	350	510	435	350	395	12-ø22	140
RKM-300	1300	430	370	560	480	400	445	12-ø22	180

排出消声器 (KM)



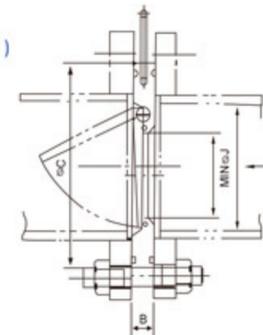
型式 (TYPE)	A	B	C	D	E	F	n-øH	重量 (kg)
RKM-50	600	480	80	140	125	165	4-ø18	10
RKM-65	700	560	70	170	145	185	4-ø18	14
RKM-80	900	740	80	195	160	200	8-ø18	18
RKM-100	1200	1040	80	220	180	220	8-ø18	37
RKM-125	1400	1210	95	265	210	250	8-ø18	44
RKM-150	1600	1410	95	293	240	285	8-ø22	67
RKM-175	1800	1600	100	327	295	340	8-ø22	80
RKM-200	1800	1600	100	327	295	340	8-ø22	80
RKM-250A	2000	1800	100	403	350	395	12-ø22	130
RKM-250	2000	1800	100	403	350	395	12-ø22	130
RKM-300	2000	1800	100	510	400	445	12-ø22	160

弹性接头 (KXT-III)



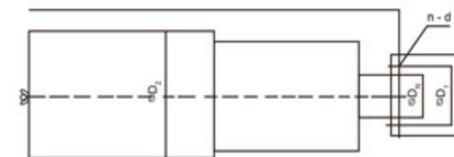
型式 (TYPE)	D1	D2	L	T	n-øH	重量 (kg)
DN50	125	165	105	20	4-ø18	3
DN65	145	185	115	20	4-ø18	3.5
DN80	160	200	135	20	8-ø18	4
DN100	180	220	150	22	8-ø18	5
DN125	210	250	165	22	8-ø18	6.5
DN150	240	285	180	24	8-ø18	9.5
DN200	295	340	190	24	8-ø18	16
DN250	350	395	230	26	12-ø18	25
DN300	400	445	245	26	12-ø18	38

单向阀 (DCV)



型式 (TYPE)	A	B	C	J	n-øH	重量 (kg)
DCV50	25	19	104	52.7	M16*86(4)	3
DCV65	36	19	124	65.9	M16*108(4)	3.5
DCV80	46	19	134	80	M16*108(8)	4
DCV100	67	19	159	102.3	M16*108(8)	5
DCV125	88	21	190	126.6	M20*115(8)	6.5
DCV150	108	24	220	151	M20*120(8)	9.5
DCV200	138	29	270	200	M20*120(8)	16
HD250	200	115	330	250	M20*180(12)	23
HD300	240	115	380	300	M20*180(12)	34

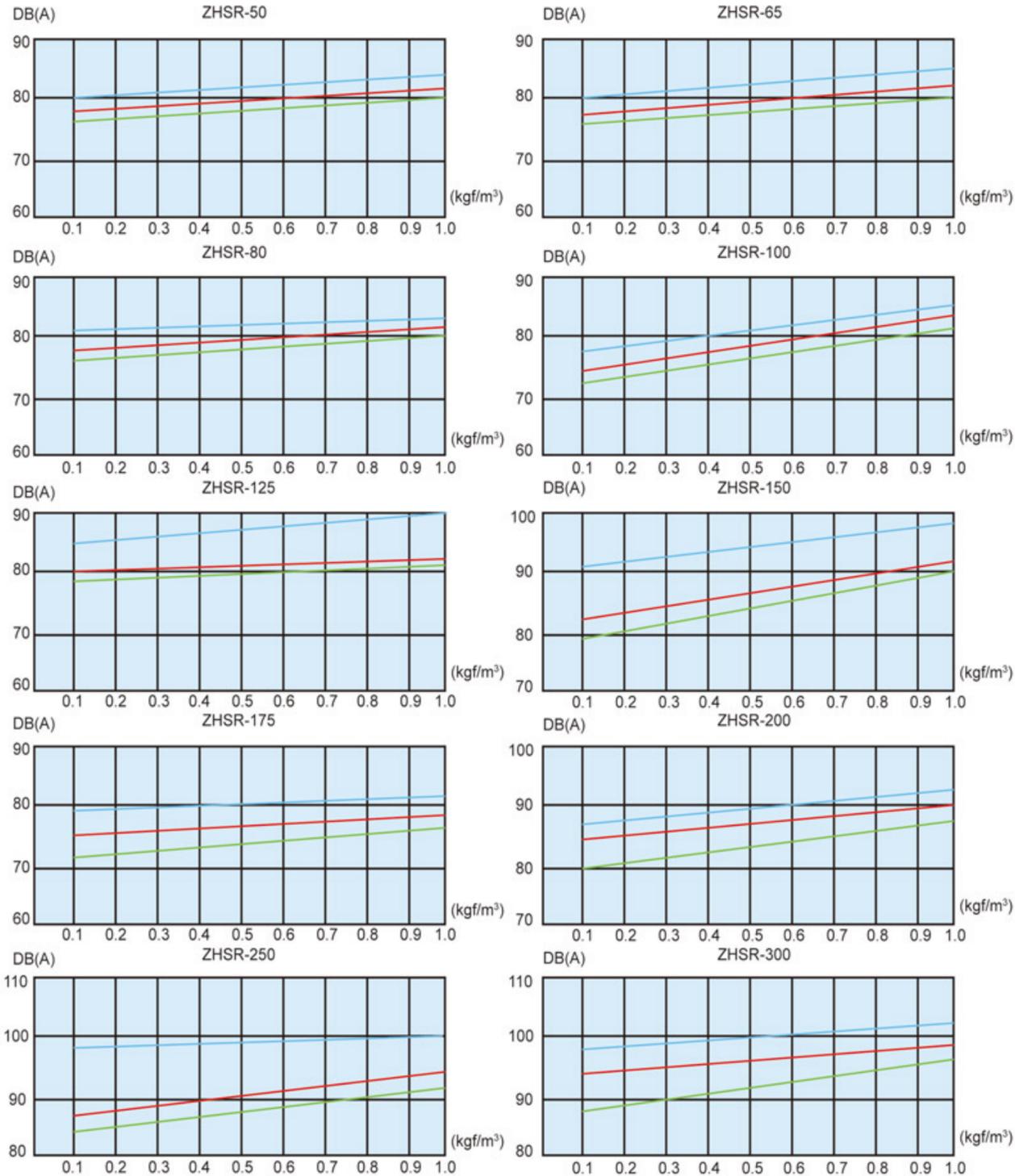
进口消声器 (KSE)



型式 (TYPE)	D <sub>1</sub>	D <sub>2</sub>	D	L	n-øH	重量 (kg)	
KSE-50	ø60	ø85	ø115	ø155	400	4-ø14	5
KSE-65	ø65	ø125	ø155	ø175	450	4-ø14	7
KSE-80	ø80	ø125	ø155	ø200	700	4-ø14	16
KSE-100	ø100	ø145	ø170	ø270	800	4-ø18	20
KSE-125	ø125	ø177	ø210	ø305	1100	4-ø18	22
KSE-150	ø150	ø225	ø265	ø357	1200	8-ø18	35
KSE-175	ø150	ø225	ø265	ø357	1200	8-ø18	35
KSE-200	ø200	ø280	ø325	ø435	1450	8-ø18	60
KSE-250A	ø250	ø350	ø395	ø542	1500	8-ø18	120
KSE-250	ø250	ø350	ø395	ø542	1500	8-ø18	120
KSE-300	ø300	ø400	ø445	ø600	1750	8-ø22	140

### ZHSR型罗茨风机噪音值

ZHSR TYPE ROOTS BLOWER NOISE VALUE



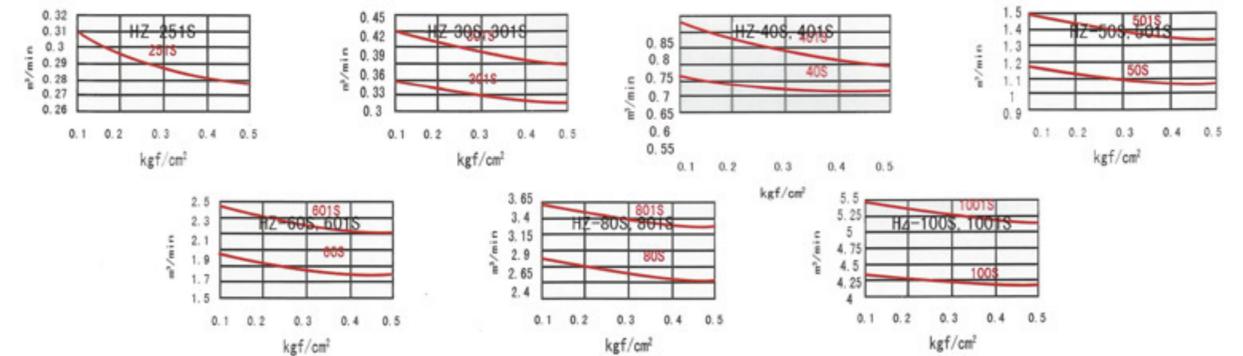
噪音值DB(A)

- 注：1、本噪音是在距风机旁边1.0m及附标准消音器所得平均值。
- 2、噪音值会因加装管路的长度，转弯的次数及周围环境有所变化。

### HZ系列回转风机性能一览表

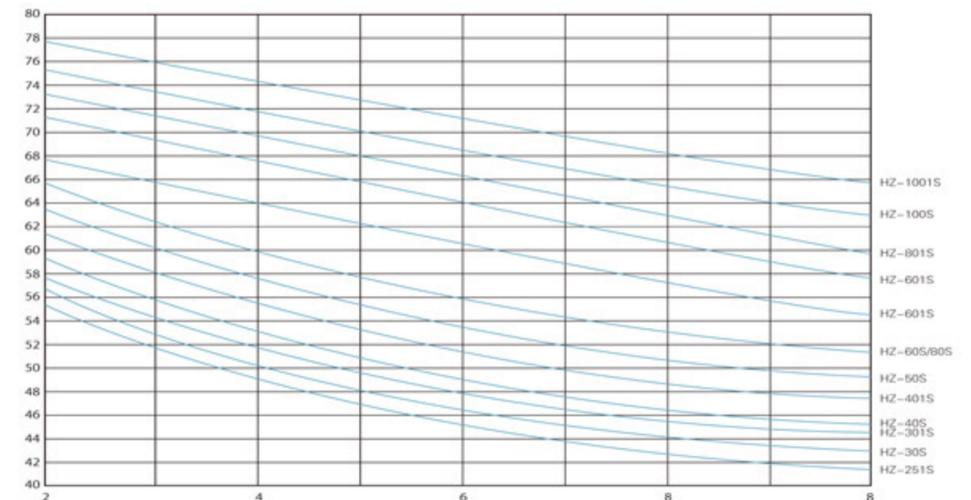
HZ SERIES ROTARY BLOWER PERFORMANCE LIST

HCS系列	型号	排风口径 (mm)	电机功率	频率	风机转速 (r.p.m)	风量 (m³/min)					V型皮带轮		V型皮带 (有效油重)	重量		
						0.1kgf/cm²	0.2kgf/cm²	0.3kgf/cm²	0.4kgf/cm²	0.5kgf/cm²	鼓风机	电机		净重	毛重	
	HZ-251S	3/4" (20)	0.55Kw	50Hz	450	0.31	0.30	0.29	0.28	0.28	0"	2 1/2"	A-1016	1.5L (1.1L)	44kg	51kg
	HZ-30S	1" (25)	0.55Kw	50Hz	430	0.35	0.34	0.33	0.32	0.31	10"	3"	A-1116	1.5L (1.1L)	50kg	57kg
	HZ-301S	1" (25)	0.75Kw	50Hz	520	0.42	0.41	0.40	0.39	0.38	10"	3 1/2"	A-1146	1.5L (1.1L)	50kg	57kg
	HZ-40S	1 1/4" (32)	0.75Kw	50Hz	500	0.66	0.65	0.63	0.61	0.59	12"	4"	A-1321	2.5L (1.7L)	80kg	88kg
	HZ-401S	1 1/4" (32)	1.5Kw	50Hz	580	0.80	0.77	0.74	0.71	0.67	12"	4 1/2"	A-1321	2.5L (1.7L)	85kg	93kg
	HZ-50S	1 1/2" (40)	1.5Kw	50Hz	430	1.14	1.12	1.09	1.06	1.02	14"	4"	A-1600	3.5L (2.3L)	129kg	130kg
	HZ-501S	1 1/2" (40)	2.2Kw	50Hz	500	1.44	1.42	1.39	1.36	1.32	14"	4 1/2"	A-1600	3.5L (2.3L)	125kg	135kg
	HZ-60S	2" (50)	2.2Kw	50Hz	450	1.90	1.87	1.82	1.77	1.70	16"	5"	A-1880	5.5L (3.8L)	190kg	290kg
	HZ-601S	2" (50)	4Kw	50Hz	540	2.41	2.34	2.29	2.24	2.18	16"	6"	A-1800	5.5L (3.8L)	200kg	233kg
	HZ-80S	2" (50)	4Kw	50Hz	430	2.82	2.74	2.66	2.59	2.47	18"	5 1/2"	B-2108	8L (6L)	250kg	268kg
HZ-801S	2 1/2" (65)	5.5Kw	50Hz	500	3.53	3.45	3.38	3.33	3.25	18"	6"	B-2134	8L (6L)	275kg	293kg	
HZ-100S	3" (80)	5.5Kw	50Hz	390	4.32	4.28	4.25	4.18	4.11	20"	5 1/2"	B-2362	20L (16L)	375kg	395kg	
HZ-1001S	3" (80)	7.5Kw	50Hz	420	5.41	5.32	5.25	5.18	5.11	20"	6"	B-2362	20L (16L)	390kg	410kg	



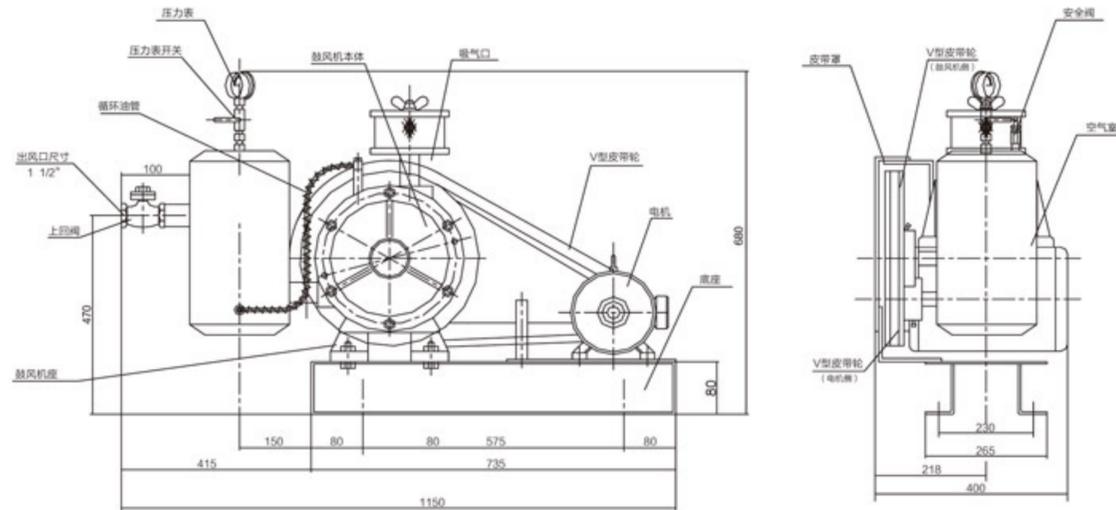
### HZ系列回转风机性能曲线图

HZ SERIES ROTARY BLOWER PERFORMANCE CURVE



### HZ系列回转风机外形 / 尺寸图

HZ SERIES ROTARY FAN SHAPE, SIZE CHART



型号	A	B	C	D	E	F	G	H	I	J	K	L	M	N	PR寸
HZ-251S	780	320	540	170	250	530	170	80	370	80	140	80	340	80	3/4"
HZ-30S	780	320	550	170	250	530	170	80	370	80	140	80	340	80	1"
HZ-301S	780	320	550	170	250	530	170	80	370	80	140	80	340	80	1"
HZ-40S	850	380	580	200	255	600	235	80	440	80	205	90	385	95	1 1/4"
HZ-301S	850	380	580	200	255	600	235	80	440	80	205	90	385	95	1 1/4"
HZ-50S	1150	400	680	218	370	780	265	80	575	80	230	150	470	100	1 1/2"
HZ-501S	1150	400	680	218	370	780	265	80	575	80	230	150	470	100	1 1/2"
HZ-60S	1280	440	740	230	430	850	305	80	690	80	275	145	525	120	2"
HZ-601S	1280	440	740	230	430	850	305	80	690	80	275	145	525	120	2"
HZ-60S	1500	500	810	270	500	1000	350	80	835	80	315	165	535	150	2 1/2"
HZ-801S	1500	500	810	270	500	1000	350	80	835	80	315	165	535	150	2 1/2"
HZ-100S	1580	580	900	320	480	1100	470	80	940	80	430	150	590	150	3"
HZ-1001S	1580	580	900	320	480	1100	470	80	940	80	430	150	590	150	3"

### HZ系列回转风机结构与工作原理

STRUCTURE AND WORKING PRINCIPLE OF HZ SERIES ROTARY FAN

偏心装在气缸内的转子旋转时，使转子槽内的4根叶片产生往复运动，将空气吸进、压缩、排出，构成风机。叶片和转子、气缸体相互摩擦，产生摩擦热。所以风机运转时，由滴油嘴往气缸内滴入必要的润滑油，使摩擦表面润滑，以减少摩擦热和摩擦噪音；并使部件之间形成一层油膜，保持风机的密封性。润滑系统是利用风机工作时产生的压力差而形成的自动供给机油的循环装置，因此风机不能空负载运转！

## 生产设备

PRODUCTION EQUIPMENT

