RR 系列罗茨鼓风机、罗茨真空泵简介

RR 系列罗茨鼓风机、真空泵简介:

RR 系列罗茨鼓风机、真空泵是我厂引进日本大晃机械工业株式会社的最新设计制造技术而生产的产品。该系列产品集中了日本多年研究的技术精华，追求高效率，采用了特殊的叶轮型线，依照空气动力学的研究成果，研制出的高效节能型罗茨鼓风机。特别是在高压力、输送特殊气体方面处于世界领先水平。

特点:

压力随系统阻力的变化而变化，具有自适应性。

具有强制送气的硬排气特性，即当压力变化时，流量变化甚微。

输送介质不含油。

流量分档密，覆盖范围广，可供用户广泛选用。

叶轮采用新型线，密封性好，高效节能。

规格品种多，有正压、负压、干式、湿式、单级、二级。并且密封形式多样，能够满足不同介质需要。

产品加工精度高、性能好、运行可靠、使用寿命长。结构简单、保养、维护方便。

用途:

广泛应用于电力、石油、化工、化肥、钢铁、冶炼、制氧、水泥、食品、纺织、造纸、除尘反吹、水产养殖、污水处理、气力输送等各部门行业。

Brief introduction for RR series Roots type blower/vacuum pump

RR series Roots type blowers and vacuum pumps are designed and produced with the advanced technology from TAIKO KIKAI INDUSTRIES CO.,LTD. of Japan.Special type rotor profile and other patent technology are adopted.The blowers have the advantages of high efficiency and energy saving by designed with the principal of pneumatic dynamics. The products are with international advanced level especially in high pressure and delivering special gas.

Features:

Pressure changes when system resistance changes.
Flow changes in little when pressure changes.
Medium is free of oil.
The flow range is wide and can be chosen conveniently by users.
Patent rotor profile to ensure reliable seal performance, high efficiency and energy-saving.
Various model and type such as positive pressure,negative pressure,dry type,wet type,one-stage or two-stage.Different seal type to meet the requirements of varied media.
All main parts NC machined to reach high accuracy, operating and maintenance easily.

Application:

Widely used in power,petroleum, chemical,fertilizer,steel,metallurgy, oxygen producing, cement , textile, food, papermaking, dusting, aquatic farming, sewage treatment, pneumatic system, etc.

山东章鼓 风机王国

性能表的阅读和使用方法：

HOW TO USE THE PERFORMANCE TABLE

流量：Capacity

本性能表中的流量是指介质为空气的流量。对于罗茨鼓风机的流量是指在标准吸入状态下（绝对压力 101.325kPa，温度 20℃）的进口流量；罗茨真空泵的流量是指在规定的真空度下，进口温度为 20℃，出口为绝对压力 101.325kPa 时的进口流量。

It is assumed in this performance table that the fluid to be handle is air. Capacity is expressed under the standard state (i.e. absolute pressure of 101.325kPa,20℃) for the blower and under the inlet state at the temperature 20℃, at every vacuum degree and at absolute discharge pressure 101.325kPa for the vacuum pump.

非标准状态下流量的换算：

1) 若用户使用的是基准状态流量 Q_N（温度 0℃，绝对压力 101.325kPa），须先按下式换算成标准吸入状态下的流量 Q_S 后，再查性能表。

$$Q_S=Q_N\times\frac{273+ts}{273}\times\frac{101.325}{101.325+P_s}$$

式中：ts – 进气温度℃，P_S – 进气表压 kPa

Conversion of the capacity at non-standard state

1) When the capacity Q_N is shown in the regulated state (0℃, 101.325kPa abs) It is necessary to convert it into Q_S to use this table.

$$Q_S=Q_N\times\frac{273+ts}{273}\times\frac{101.325}{101.325+P_s}$$

Where: ts ---- inlet temperature (℃), Ps ---- inlet pressure of gauge (kPa)

2) 当进气温度 ts 与 20℃相差较大，或者吸入气体分子量不等于空气的分子量（M=29）时，实际进气风量 Qs 按下式计算：

$$Qb=(Qth-Qsa)\times\sqrt{\frac{273+ts}{273+20}\times\frac{29}{M}}$$

式中： Qs = Qth －Qb

Qb – 吸入气体温度为 ts ℃,介质分子量为 M 时的内泄漏量 m^3/min.

Qsa – 标准吸入状态下实际流量 m^3/min（初步选型后性能表所示的流量）。

Qth – 理论流量 m^3/min（根据 Qsa 由性能表查得）

3) When the gas temperature ts changes substantially from 20℃ or when the molecular weight M deviates greatly from 29 (air), the actual capacity should be calculated as following formula.

$$Qb=(Qth-Qsa)\times\sqrt{\frac{273+ts}{273+20}\times\frac{29}{M}}$$

Where: Qs = Qth －Qb

Qb – the internal leak capacity (m^3/min) when inlet gas temperature is ts (℃) and the molecular weight is M.

Qsa – standard inlet capacity (the capacity in table at first type selecting) in m^3/min

Qth – theoretical capacity (find in table as per Qsa) in m^3/min

●当进气压力不是大气压时的轴功率的选取。例如：用户进气压力为 P_{s1}，排气压力 P_{d1}

$$\frac{101.325+P_{d1}}{101.325+P_{s1}}=\frac{101.325+P_{d2}}{101.325}$$

①由上式求出进气压力为大气压时的排气压力 P_{d2}。

②在样本中查取与 P_{d2} 和 Qs 相接近的工况点所对应的转速 n。

③根据 n 和（P_{d1}-P_{s1}）的差值在样本中查取相应的轴功率，即为进气压力不是大气压时的轴功率。

Selection of shaft power when inlet pressure is not the atmospheric pressure

For example when inlet P_{S1} and discharge pressure P_{d1}

$$\frac{101.325+P_{d1}}{101.325+P_{s1}}=\frac{101.325+P_{d2}}{101.325}$$

①Calculate the discharge pressure P_{d2} when inlet pressure is atmosphere pressure.

②Select the rotary speed (n) according to P_{d2} and Q_S

③Select the shaft power La according to rotary speed n and the pressure rise of P_{d1} and P_{s1} i.e. the shaft power when inlet pressure is not atmosphere pressure.

●本性能表所示的 Qs、La 均可用差值法计算。

Qs and La can be calculated by interpolation.

●轴功率 La 是指各压力点下风机的输入功率，选用电机的功率应大于轴功率。一般电机功率=（1.1～1.3）La。

Shaft power (La) refers to the blower input power at different pressure.

Motor power must be more than shaft power .Generally motor power = (1.1～1.3) La

■压力单位的换算表:(Conversion of pressure)

	Pa	bar	kgf/cm²	atm	mmH₂O	mmHg
压力 pressure	1	1×10^{-5}	$1.019\ 72\times10^{-5}$	$9.869\ 23\times10^{-6}$	$1.019\ 72\times10^{-1}$	$7.500\ 62\times10^{-3}$
	1×10^{5}	1	1.019 72	$9.869\ 23\times10^{-1}$	$1.019\ 72\times10^{4}$	$7.500\ 62\times10^{2}$
	$9.806\ 65\times10^{4}$	$9.806\ 65\times10^{-1}$	1	$9.678\ 41\times10^{-1}$	1×10^{4}	$7.355\ 59\times10^{2}$
	$1.013\ 25\times10^{5}$	1.013 25	1.033 23	1	$1.033\ 23\times10^{4}$	$7.600\ 00\times10^{2}$
	9.806 65	$9.806\ 65\times10^{-5}$	1×10^{-4}	$9.678\ 41\times10^{-5}$	1	$7.355\ 59\times10^{-2}$
	$1.333\ 22\times10^{2}$	$1.333\ 22\times10^{-3}$	$1.359\ 51\times10^{-3}$	$1.315\ 79\times10^{-3}$	$1.359\ 51\times10$	1

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRB-50 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRB-50 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
1150	1.57	9.8	1.00	0.6	Y90S-4	1.1	180
		19.6	0.82	0.8	Y90S-4	1.1	
		29.4	0.69	1.1	Y90L-4	1.5	
		39.2	0.57	1.4	Y100L1-4	2.2	
		49.0	0.45	1.6	Y100L1-4	2.2	
1450	1.98	9.8	1.41	0.7	Y90S-4	1.1	180
		19.6	1.23	1.0	Y90L-4	1.5	
		29.4	1.10	1.4	Y100L1-4	2.2	
		39.2	0.98	1.7	Y100L1-4	2.2	
		49.0	0.86	2.0	Y100L2-4	3	
		58.8	0.76	2.4	Y100L2-4	3	
1750	2.40	9.8	1.83	0.8	Y90S-4	1.1	195
		19.6	1.65	1.2	Y90L-4	1.5	
		29.4	1.52	1.6	Y100L1-4	2.2	
		39.2	1.40	2.0	Y100L2-4	3	
		49	1.28	2.4	Y100L2-4	3	
		58.8	1.18	2.8	Y112M-4	4	
		68.6	1.10	3.2	Y112M-4	4	
2000	2.74	9.8	2.17	0.9	Y90S-2	1.5	210
		19.6	1.99	1.4	Y90L-2	2.2	
		29.4	1.86	1.8	Y90L-2	2.2	
		39.2	1.74	2.3	Y100L-2	3	
		49	1.62	2.7	Y112M-2	4	
		58.8	1.52	3.2	Y112M-2	4	
		68.6	1.44	3.7	Y132S1-2	5.5	
		78.4	1.34	4.1	Y132S1-2	5.5	
2500	3.42	9.8	2.85	1.1	Y90S-2	1.5	210
		19.6	2.67	1.7	Y90L-2	2.2	
		29.4	2.54	2.3	Y100L-2	3	
		39.2	2.42	2.8	Y112M-2	4	
		49.0	2.3	3.4	Y112M-2	4	
		58.8	2.2	4.0	Y132S1-2	5.5	
		68.6	2.12	4.6	Y132S1-2	5.5	
		78.4	2.02	5.1	Y132S2-2	7.5	
		88.2	1.97	5.7	Y132S2-2	7.5	
3000	4.11	9.8	3.54	1.3	Y90L-2	2.2	210
		19.6	3.36	2.0	Y100L-2	3	
		29.4	3.23	2.7	Y112M-2	4	
		39.2	3.11	3.4	Y112M-2	4	
		49	2.99	4.1	Y132S1-2	5.5	
		58.8	2.89	4.7	Y132S1-2	5.5	
		68.6	2.81	5.4	Y132S2-2	7.5	
		78.4	2.71	6.1	Y132S2-2	7.5	
		88.2	2.66	6.8	Y160M1-2	11	310
		98.0	2.61	7.5	Y160M1-2	11	
3500	4.8	9.8	4.34	1.52	Y90L-2	2.2	250
		19.6	4.14	2.33	Y100L-2	3	
		29.4	4.00	3.15	Y112M-2	4	
		39.2	3.87	3.97	Y132S1-2	5.5	
		49	3.76	4.78	Y132S1-2	5.5	
		58.8	3.66	5.48	Y132S2-2	7.5	
		68.6	3.57	6.30	Y132S2-2	7.5	
		78.4	3.48	7.12	Y160M1-2	11	
		88.2	3.40	7.93	Y160M1-2	11	310
		98.0	3.32	8.75	Y160M1-2	11	

注：1. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

2. 电机防护等级IP44，电压380V 。

3. RRB型风机传动方式均为皮带轮传动。

RRB-65 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRB-65 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
1150	2.29	9.8	1.49	0.8	Y90S-4	1.1	190
		19.6	1.19	1.2	Y90L-4	1.5	
		29.4	0.98	1.6	Y100L1-4	2.2	
		39.2	0.79	2.0	Y100L2-4	3	
		49	0.64	2.4	Y100L2-4	3	
1450	2.89	9.8	2.09	1.0	Y90L-4	1.5	200
		19.6	1.79	1.5	Y100L1-4	2.2	
		29.4	1.58	2.0	Y100L2-4	3	
		39.2	1.39	2.5	Y100L2-4	3	
		49	1.24	2.9	Y112M-4	4	
		58.8	1.12	3.4	Y112M-4	4	
1750	3.49	9.8	2.69	1.2	Y90L-4	1.5	220
		19.6	2.39	1.8	Y100L1-4	2.2	
		29.4	2.18	2.3	Y100L2-4	3	
		39.2	1.99	2.9	Y112M-4	4	
		49	1.84	3.5	Y112M-4	4	
		58.8	1.72	4.1	Y132S-4	5.5	
		68.6	1.64	4.6	Y132S-4	5.5	
2000	3.99	9.8	3.19	1.3	Y90S-2	1.5	230
		19.6	2.89	2.0	Y100L-2	3	
		29.4	2.68	2.7	Y112M-2	4	
		39.2	2.49	3.3	Y112M-2	4	
		49	2.34	4.0	Y132S1-2	5.5	
		58.8	2.22	4.7	Y132S1-2	5.5	
		68.6	2.14	5.4	Y132S2-2	7.5	
		78.4	2.04	6.0	Y132S2-2	7.5	
2500	4.98	9.8	4.18	1.7	Y90L-2	2.2	230
		19.6	3.88	2.5	Y100L-2	3	
		29.4	3.67	3.3	Y112M-2	4	
		39.2	3.48	4.2	Y132S1-2	5.5	
		49	3.33	5.0	Y132S2-2	7.5	
		58.8	3.21	5.8	Y132S2-2	7.5	
		68.6	3.13	6.6	Y132S2-2	7.5	330
		78.4	3.03	7.5	Y160M1-2	11	
3000	5.98	9.8	5.18	2.0	Y100L-2	3	230
		19.6	4.88	3.0	Y112M-2	4	
		29.4	4.67	4.0	Y132S1-2	5.5	
		39.2	4.48	5.0	Y132S2-2	7.5	
		49	4.33	6.0	Y132S2-2	7.5	
		58.8	4.21	7.0	Y160M1-2	11	
		68.6	4.13	8.0	Y160M1-2	11	340
		78.4	4.03	9.0	Y160M1-2	11	
		88.2	3.91	9.98	Y160M2-2	15	
3500	6.98	9.8	6.35	2.33	Y100L-2	3	260
		19.6	6.09	3.5	Y112M-2	4	
		29.4	5.89	4.67	Y132S1-2	5.5	
		39.2	5.72	5.83	Y132S2-2	7.5	
		49	5.57	7.0	Y160M1-2	11	
		58.8	5.43	8.17	Y160M1-2	11	
		68.6	5.30	9.33	Y160M1-2	11	340
		78.4	5.19	10.5	Y160M2-2	15	

Notes: 1. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

2. Motor protection class IP44, voltage 380V.

3. Belt drive is adopted for model RRB.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRC-80 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRC-80 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
1150	4.48	9.8	3.18	1.3	Y100L1-4	2.2	320
		19.6	2.83	2.1	Y100L2-4	3	
		29.4	2.53	2.8	Y112M-4	4	
		39.2	2.28	3.5	Y112M-4	4	
		49	2.03	4.3	Y132S-4	5.5	
		58.8	1.83	5.0	Y132M-4	7.5	
1450	5.66	9.8	4.36	1.6	Y100L1-4	2.2	370
		19.6	4.01	2.6	Y100L2-4	3	
		29.4	3.71	3.5	Y112M-4	4	
		39.2	3.46	4.4	Y132S-4	5.5	
		49	3.21	5.4	Y132M-4	7.5	
		58.8	3.01	6.3	Y132M-4	7.5	
		68.6	2.86	7.3	Y160M-4	11	
1750	6.83	9.8	5.53	2.0	Y100L2-4	3	390
		19.6	5.18	3.1	Y112M-4	4	
		29.4	4.88	4.3	Y132S-4	5.5	
		39.2	4.63	5.4	Y132M-4	7.5	
		49	4.38	6.5	Y132M-4	7.5	
		58.8	4.18	7.6	Y160M-4	11	
		68.6	4.03	8.7	Y160M-4	11	
		78.4	3.88	9.8	Y160L-4	15	
2000	7.8	9.8	6.5	2.3	Y100L2-4	3	390
		19.6	6.15	3.6	Y132S-4	5.5	
		29.4	5.85	4.9	Y132M-4	7.5	
		39.2	5.6	6.1	Y132M-4	7.5	
		49	5.35	7.4	Y160M-4	11	
		58.8	5.15	8.7	Y160M-4	11	
		68.6	5.0	10.0	Y160L-4	15	
		78.4	4.85	11.2	Y160L-4	15	
		88.2	4.7	12.5	Y160L-4	15	
2500	9.76	9.8	8.46	2.8	Y112M-2	4	395
		19.6	8.11	4.4	Y132S1-2	5.5	
		29.4	7.81	6.0	Y132S2-2	7.5	
		39.2	7.56	7.7	Y160M1-2	11	
		49	7.31	9.3	Y160M1-2	11	
		58.8	7.11	10.9	Y160M2-2	15	
		68.6	6.96	12.5	Y160M2-2	15	
		78.4	6.81	14.2	Y160L-2	18.5	
		88.2	6.66	15.8	Y160L-2	18.5	600
		98.0	6.61	17.4	Y180M-2	22	
3000	11.71	9.8	10.57	3.36	Y112M-2	4	415
		19.6	10.09	5.28	Y132S2-2	7.5	
		29.4	9.73	7.20	Y160M1-2	11	
		39.2	9.42	9.24	Y160M1-2	11	
		49	9.15	11.2	Y160M2-2	15	
		58.8	8.90	13.1	Y160M2-2	15	
		68.6	8.67	15.0	Y160L-2	18.5	
		78.4	8.46	17.1	Y180M-2	22	
		88.2	8.26	19.0	Y180M-2	22	620
		98	8.07	20.9	Y200L1-2	30	

注：1. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

2. 电机防护等级IP44，电压380V 。

3. RRC型风机带*者采用联轴器传动，其余为皮带轮传动。

RRC-100 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRC-100 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
1150	6.33	9.8	4.86	1.8	Y100L1-4	2.2	400
		19.6	4.47	2.9	Y112M-4	4	
		29.4	4.13	3.9	Y132S-4	5.5	
		39.2	3.83	4.9	Y132M-4	7.5	
		49	3.56	6.0	Y132M-4	7.5	
		58.8	3.33	7.0	Y160M-4	11	
		68.6	3.13	8.1	Y160M-4	11	
1450	7.99	9.8	6.52	2.3	Y100L2-4	3	420
		19.6	6.13	3.6	Y132S-4	5.5	
		29.4	5.79	4.9	Y132M-4	7.5	
		39.2	5.49	6.2	Y132M-4	7.5	
		*49.0	5.22	7.5	Y160M-4	11	
		*58.8	4.99	8.8	Y160M-4	11	
		*68.6	4.79	10.1	Y160L-4	15	
		*78.4	4.59	11.4	Y160L-4	15	
1750	9.64	9.8	8.17	2.7	Y112M-4	4	420
		19.6	7.78	4.3	Y132S-4	5.5	
		29.4	7.44	5.9	Y132M-4	7.5	
		39.2	7.14	7.4	Y160M-4	11	
		49	6.87	9.0	Y160M-4	11	
		58.8	6.64	10.6	Y160L-4	15	
		68.6	6.44	12.2	Y160L-4	15	
		78.4	6.24	13.8	Y180M-4	18.5	630
		88.2	6.04	15.4	Y180M-4	18.5	
2000	11.02	9.8	9.55	3.0	Y112M-4	4	420
		19.6	9.16	4.8	Y132S-4	5.5	
		29.4	8.82	6.6	Y132M-4	7.5	
		39.2	8.52	8.5	Y160M-4	11	
		49	8.25	10.3	Y160L-4	15	
		58.8	8.02	12.1	Y160L-4	15	
		68.6	7.82	14.0	Y180M-4	18.5	650
		78.4	7.62	15.8	Y180M-4	18.5	
		88.2	7.42	17.6	Y180L-4	22	
2500	13.77	9.8	12.3	3.8	Y132S1-2	5.5	420
		19.6	11.9	6.1	Y132S2-2	7.5	
		29.4	11.6	8.4	Y160M1-2	11	
		39.2	11.3	10.6	Y160M2-2	15	
		49	11.0	12.9	Y160M2-2	15	
		58.8	10.8	15.2	Y160L-2	18.5	
		68.6	10.6	17.5	Y180M-2	22	685
		78.4	10.4	19.7	Y180M-2	22	
		88.2	10.2	21.9	Y200L1-2	30	
3000	16.54	9.8	15.39	4.5	Y132S1-2	5.5	420
		19.6	14.91	7.2	Y160M1-2	11	
		29.4	14.54	9.9	Y160M1-2	11	
		39.2	14.23	12.6	Y160M2-2	15	
		49	13.96	15.3	Y160L-2	18.5	
		58.8	13.71	18.0	Y180M-2	22	685
		68.6	13.48	20.7	Y200L1-2	30	
		78.4	13.27	23.4	Y200L1-2	30	

Notes: 1. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

2. Motor protection class IP44, voltage 380V.

3. Direct drive is adopted for model RRC marked with "*", Belt drive is adopted for others.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRD-100 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRD-100 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
970 *	7.74	9.8	6.19	2.5	Y132S-6	3	630
		19.6	5.67	3.6	Y132M2-6	5.5	
		29.4	5.24	4.8	Y132M2-6	5.5	
		39.2	4.89	6.2	Y160M-6	7.5	
		49	4.59	7.4	Y160L-6	11	
		58.8	4.34	8.7	Y160L-6	11	
		68.6	4.04	10.0	Y180L-6	15	
1150	9.17	9.8	7.62	3.0	Y112M-4	4	640
		19.6	7.10	4.3	Y132S-4	5.5	
		29.4	6.67	5.8	Y132M-4	7.5	
		39.2	6.32	7.3	Y160M-4	11	
		49	6.02	8.9	Y160M-4	11	
		58.8	5.77	10.3	Y160L-4	15	
		68.6	5.47	11.9	Y160L-4	15	
		78.4	5.27	13.4	Y180M-4	18.5	
1450 *	11.57	9.8	10.0	3.5	Y132S-4	5.5	640
		19.6	9.50	5.3	Y132M-4	7.5	
		29.4	9.07	7.2	Y160M-4	11	
		39.2	8.72	9.1	Y160M-4	11	
		49	8.42	11.0	Y160L-4	15	
		58.8	8.17	13.0	Y160L-4	15	
		68.6	7.87	14.9	Y180M-4	18.5	
		78.4	7.67	16.8	Y180L-4	22	
		88.2	7.41	18.8	Y180L-4	22	
1750	13.96	9.8	12.4	4.0	Y132S-4	5.5	720
		19.6	11.9	6.3	Y132M-4	7.5	
		29.4	11.4	8.6	Y160M-4	11	
		39.2	11.1	10.9	Y160L-4	15	
		49	10.8	13.2	Y180M-4	18.5	
		58.8	10.5	15.6	Y180M-4	18.5	
		68.6	10.2	17.9	Y180L-4	22	
		78.4	10.0	20.2	Y200L-4	30	
		88.2	9.8	22.6	Y200L-4	30	
		98	9.7	24.9	Y200L-4	30	
2000	15.96	9.8	14.4	4.5	Y132S-4	5.5	770
		19.6	13.9	7.1	Y160M-4	11	
		29.4	13.4	9.8	Y160L-4	15	
		39.2	13.1	12.5	Y160L-4	15	
		49	12.8	15.2	Y180M-4	18.5	
		58.8	12.5	17.8	Y180L-4	22	
		68.6	12.2	20.5	Y200L-4	30	
		78.4	12.0	23.2	Y200L-4	30	
		88.2	11.8	25.8	Y200L-4	30	
		98	11.7	28.4	Y225S-4	37	
2300	18.35	9.8	16.8	5.0	Y132S1-2	5.5	710
		19.6	16.2	8.0	Y160M1-2	11	
		29.4	15.7	11.0	Y160M2-2	15	
		39.2	15.3	14.0	Y160L-2	18.5	
		49	14.9	17.0	Y180M-2	22	
		58.8	14.6	20.0	Y180M-2	22	
		68.6	14.3	23.0	Y200L1-2	30	
		78.4	14.1	26.0	Y200L1-2	30	
		88.2	13.8	29.0	Y200L2-2	37	
		98	13.5	31.0	Y200L2-2	37	

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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

3. 电机防护等级IP44，电压380V 。

RRD-125 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRD-125 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
970 *	11.12	9.8	8.92	2.8	Y132M1-6	4	770
		19.6	8.32	4.6	Y132M2-6	5.5	
		29.4	7.82	6.5	Y160M-6	7.5	
		39.2	7.37	8.4	Y160L-6	11	
		49.0	7.02	10.2	Y180L-6	15	
		58.8	6.67	12.1	Y180L-6	15	
		68.6	6.34	14.0	Y200L1-6	18.5	
		78.4	6.07	15.8	Y200L1-6	18.5	
1150	13.19	9.8	11.0	3.3	Y112M-4	4	800
		19.6	10.4	5.5	Y132M-4	7.5	
		29.4	9.89	7.7	Y160M-4	11	
		39.2	9.44	9.9	Y160L-4	15	
		49.0	9.09	12.1	Y160L-4	15	
		58.8	8.74	14.4	Y180M-4	18.5	
		68.6	8.44	16.6	Y180L-4	22	
		78.4	8.14	18.8	Y180L-4	22	
		88.2	7.89	21.0	Y200L-4	30	
1450 *	16.63	9.8	14.4	4.2	Y132S-4	5.5	860
		19.6	13.8	6.9	Y160M-4	11	
		29.4	13.3	9.7	Y160L-4	15	
		39.2	12.9	12.5	Y160L-4	15	
		49.0	12.5	15.3	Y180M-4	18.5	
		58.8	12.2	18.1	Y180L-4	22	
		68.6	11.9	20.9	Y200L-4	30	
		78.4	11.6	23.7	Y200L-4	30	
		88.2	11.3	26.5	Y200L-4	30	
		98.0	11.1	29.3	Y225S-4	37	
1750	20.07	9.8	17.9	5.0	Y132M-4	7.5	845
		19.6	17.3	8.4	Y160M-4	11	
		29.4	16.8	11.7	Y160L-4	15	
		39.2	16.3	15.1	Y180M-4	18.5	
		49.0	16.0	18.5	Y180L-4	22	
		58.8	15.6	21.8	Y200L-4	30	
		68.6	15.3	25.2	Y200L-4	30	
		78.4	15.0	28.6	Y225S-4	37	
		88.2	14.7	31.9	Y225S-4	37	
		98.0	14.5	35.3	Y225M-4	45	921
2000	22.94	9.8	20.7	5.7	Y132M-4	7.5	870
		19.6	20.1	9.5	Y160M-4	11	
		29.4	19.6	13.4	Y180M-4	18.5	
		39.2	19.2	17.2	Y180L-4	22	
		49.0	18.8	21.1	Y200L-4	30	
		58.8	18.5	24.9	Y200L-4	30	
		68.6	18.2	28.8	Y225S-4	37	
		78.4	17.9	32.6	Y225S-4	37	
		88.2	17.6	36.5	Y225M-4	45	
		98.0	17.4	40.3	Y250M-4	55	991
2300	26.38	9.8	24.5	6.3	Y132S2-2	7.5	855
		19.6	23.7	10.6	Y160M2-2	15	
		29.4	23.1	14.9	Y160L-2	18.5	
		39.2	22.6	19.2	Y180M-2	22	
		49.0	22.2	23.5	Y200L1-2	30	
		58.8	21.8	27.9	Y200L2-2	37	
		68.6	21.4	32.2	Y200L2-2	37	
		78.4	21.1	36.5	Y225M-2	45	
		88.2	20.8	40.8	Y225M-2	45	
		98.0	20.5	45.1	Y250M-2	55	975

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

2. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

3. Motor protection class IP44, voltage 380V.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRD-150 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRD-150 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
970 *	20.80	9.8	17.2	5.2	Y160M-6	7.5	1150
		19.6	16.1	8.7	Y160L-6	11	
		29.4	15.2	12.2	Y180L-6	15	
		39.2	14.5	15.7	Y200L1-6	18.5	
		49	13.8	19.2	Y225M-6	30	
		58.8	13.2	22.7	Y225M-6	30	
		68.6	12.7	26.2	Y225M-6	30	
1150	24.66	9.8	21.1	6.0	Y132M-4	7.5	1010
		19.6	20.0	10.2	Y160L-4	15	
		29.4	19.1	14.4	Y180M-4	18.5	
		39.2	18.4	18.5	Y180L-4	22	
		49	17.7	22.7	Y200L-4	30	
		58.8	17.0	26.8	Y200L-4	30	
		68.6	16.5	31.0	Y225S-4	37	1121
1450 *	31.09	9.8	27.5	7.5	Y160M-4	11	1150
		19.6	26.4	12.7	Y160L-4	15	
		29.4	25.5	18.0	Y180L-4	22	
		39.2	24.8	23.2	Y200L-4	30	
		49	24.1	28.5	Y225S-4	37	
		58.8	23.5	33.7	Y225M-4	45	
		68.6	23.0	39.0	Y225M-4	45	
1750	37.53	9.8	33.9	9.0	Y160M-4	11	1170
		19.6	32.8	15.3	Y180M-4	18.5	
		29.4	31.9	21.6	Y200L-4	30	
		39.2	31.2	28.0	Y225S-4	37	
		49	30.5	34.3	Y225M-4	45	
		58.8	29.9	40.6	Y250M-4	55	
		68.6	29.4	47.0	Y250M-4	55	1230
2000	42.89	9.8	39.3	10.2	Y160L-4	15	1170
		19.6	38.2	17.5	Y180L-4	22	
		29.4	37.3	24.7	Y200L-4	30	
		39.2	36.6	31.9	Y225S-4	37	
		49	35.9	39.1	Y225M-4	45	
		58.8	35.3	46.4	Y250M-4	55	

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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

3. 电机防护等级IP44，电压380V 。

RRE-150 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRE-150 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
730 *	26.74	9.8	22.2	6.8	Y180L-8	11	2110
		19.6	21.0	11.1	Y200L-8	15	
		29.4	20.0	15.5	Y225S-8	18.5	
		39.2	19.3	19.9	Y225M-8	22	
		49	18.4	24.3	Y250M-8	30	
		58.8	17.8	29.2	Y280S-8	37	
		68.6	17.2	33.1	Y280S-8	37	
		78.4	16.7	37.9	Y280M-8	45	
		88.2	16.4	42.3	Y315S-8	55	
970 *	35.54	9.8	31.0	8.5	Y160L-6	11	2130
		19.6	29.8	14.5	Y200L1-6	18.5	
		29.4	28.8	20.5	Y225M-6	30	
		39.2	28.0	26.5	Y225M-6	30	
		49	27.2	32.5	Y250M-6	37	
		58.8	26.6	38.5	Y280S-6	45	
		68.6	26.0	44	Y280M-6	55	
		78.4	25.5	50	Y280M-6	55	
		88.2	25.1	56	Y315S-6	75	
		98	24.7	62	Y315S-6	75	
1170	42.87	9.8	38.4	10	Y160M-4	11	1880
		19.6	37.2	17.5	Y180L-4	22	
		29.4	36.2	24.5	Y200L-4	30	
		39.2	35.4	32	Y225S-4	37	
		49	34.6	39	Y225M-4	45	
		58.8	34.0	46	Y250M-4	55	
		68.6	33.4	53	Y280S-4	75	
		78.4	32.9	60.5	Y280S-4	75	
		88.2	32.5	67.5	Y280S-4	75	
		98	32.1	75	Y280M-4	90	
1250	45.80	9.8	41.3	11	Y160L-4	15	1880
		19.6	40.1	18.5	Y180L-4	22	
		29.4	39.1	26.5	Y200L-4	30	
		39.2	38.3	34	Y225M-4	45	
		49	37.5	41.5	Y250M-4	55	
		58.8	36.9	49.5	Y250M-4	55	
		68.6	35.3	57	Y280S-4	75	
		78.4	34.8	64.5	Y280S-4	75	
		88.2	34.4	72	Y280M-4	90	
		98	34.0	80	Y280M-4	90	
1350	49.46	9.8	45	12	Y160L-4	15	1880
		19.6	43.8	20	Y180L-4	22	
		29.4	42.8	28.5	Y225S-4	37	
		39.2	42.0	36.5	Y225M-4	45	
		49	41.2	45	Y250M-4	55	
		58.8	40.6	53	Y280S-4	75	
		68.6	40.0	61.5	Y280S-4	75	
		78.4	39.5	69.5	Y280M-4	90	
		88.2	39.1	78	Y280M-4	90	
		98.0	38.7	86	Y315S-4	110	2280
1450 *	53.13	9.8	49.7	13	Y160L-4	15	2200
		19.6	48.3	21.7	Y200L-4	30	
		29.4	47.2	30.4	Y225S-4	37	
		39.2	46.3	39.0	Y225M-4	45	
		49	45.5	47.7	Y250M-4	55	
		58.8	44.8	56.4	Y280S-4	75	
		68.6	44.1	65.1	Y280S-4	75	
		78.4	43.5	73.8	Y280M-4	90	
		88.2	42.9	82.4	Y315S-4	110	
		98	42.3	91.1	Y315S-4	110	

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

2. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

3. Motor protection class IP44, voltage 380V.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRE-200 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRE-200 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
730 *	40.88	9.8	35.4	9.7	Y180L-8	11	2510
		19.6	33.9	16.5	Y225M-8	22	
		29.4	32.6	23.3	Y250M-8	30	
		39.2	31.3	30.1	Y280S-8	37	
		49	30.4	37.0	Y280M-8	45	
		58.8	29.4	43.8	Y315S-8	55	
		68.6	28.5	50.6	Y315M-8	75	
		78.4	27.6	57.4	Y315M-8	75	
970 *	54.3	9.8	48.9	13	Y180L-6	15	2570
		19.6	47.3	22	Y225M-6	30	
		29.4	46.0	31	Y250M-6	37	
		39.2	44.8	40	Y280M-6	55	
		49	43.8	49	Y280M-6	55	
		58.8	42.8	58.2	Y315S-6	75	
		68.6	41.9	67.2	Y315S-6	75	
		78.4	41.1	76.2	Y315M-6	90	
1170	65.5	9.8	60.1	15	Y180M-4	18.5	2180
		19.6	58.5	26	Y200L-4	30	
		29.4	57.2	37	Y225M-4	45	
		39.2	56.0	48	Y250M-4	55	
		49	55.0	59	Y280S-4	75	
		58.8	54.0	70	Y280M-4	90	
		68.6	53.1	80.5	Y280M-4	90	
		78.4	52.3	91.5	Y315S-4	110	2520
1250	70.0	9.8	64.6	16	Y180M-4	18.5	2180
		19.6	63.0	27.5	Y225S-4	37	
		29.4	61.7	39	Y225M-4	45	
		39.2	60.5	51	Y280S-4	75	
		49	59.5	63	Y280S-4	75	
		58.8	58.5	74.5	Y280M-4	90	
		68.6	57.6	86	Y315S-4	110	2520
		78.4	56.8	98	Y315S-4	110	
1350	75.5	9.8	70.1	17	Y180L-4	22	2180
		19.6	68.5	30	Y225S-4	37	
		29.4	67.2	42	Y250M-4	55	
		39.2	66.0	55	Y280S-4	75	
		49	65.0	68	Y280S-4	75	
		58.8	64.0	80	Y280M-4	90	
		68.6	63.1	93	Y315S-4	110	2730
		78.4	62.3	106	Y315M-4	132	
1450 *	81.17	9.8	76.7	18.2	Y180L-4	22	2710
		19.6	74.8	31.4	Y225S-4	37	
		29.4	73.4	44.7	Y250M-4	55	
		39.2	72.2	58.0	Y280S-4	75	
		49	71.2	71.2	Y280M-4	90	
		58.8	70.2	84.5	Y315S-4	110	
		68.6	69.3	97.8	Y315S-4	110	
		78.4	68.5	111.1	Y315M-4	132	

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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

3. 电机防护等级IP44，电压380V 。

RRE-250 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRE-250 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
730 *	51.9	9.8	45.4	11.6	Y200L-8	15	2740
		19.6	43.4	20.4	Y250M-8	30	
		29.4	41.6	29.2	Y280S-8	37	
		39.2	40.0	38	Y280M-8	45	
		49	38.7	46.7	Y315S-8	55	
		58.8	37.6	55.4	Y315M-8	75	
970 *	69.1	9.8	62.5	15	Y200L1-6	18.5	2600
		19.6	60.5	27	Y225M-6	30	
		29.4	58.7	38	Y280S-6	45	
		39.2	57.2	50	Y280M-6	55	
		49	55.9	62	Y315S-6	75	
		58.8	54.7	73	Y315M-6	90	
1170	83.3	9.8	76.7	18	Y180L-4	22	2390
		19.6	74.7	32	Y225S-4	37	
		29.4	72.9	46	Y250M-4	55	
		39.2	71.4	60	Y280S-4	75	
		49	70.1	74	Y280M-4	90	
		58.8	68.9	88	Y315S-4	110	2750
1250	89.0	9.8	82.4	20	Y180L-4	22	2390
		19.6	80.4	35	Y225M-4	45	
		29.4	78.6	50	Y250M-4	55	
		39.2	77.1	64	Y280S-4	75	
		49	75.8	79	Y280M-4	90	
		58.8	74.6	94	Y315S-4	110	2750
1350	96.2	9.8	89.6	21	Y200L-4	30	2390
		19.6	87.6	37	Y225M-4	45	
		29.4	85.8	53	Y280S-4	75	
		39.2	84.3	69	Y280M-4	90	
		49	83.0	86	Y315S-4	110	
		58.8	81.8	102	Y315M-4	132	2960
1450 *	103.31	9.8	97.7	22.5	Y200L-4	30	2840
		19.6	95.5	39.4	Y225M-4	45	
		29.4	93.7	56.2	Y280S-4	75	
		39.2	92.2	73.1	Y280M-4	90	
		49	90.9	90.0	Y315S-4	110	
		58.8	89.7	106.9	Y315M-4	132	
		68.6	88.6	123.8	Y315L1-4	160	

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

2. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

3. Motor protection class IP44, voltage 380V.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRF-245 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRF-245 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
650	70.0	9.8	61.9	16	Y200L1-6	18.5	3630
		19.6	59.3	28	Y250M-6	37	
		29.4	57.3	39	Y280S-6	45	
		39.2	55.5	51	Y315S-6	75	
		49.0	54.0	63	Y315S-6	75	
		58.8	52.5	75	Y315M-6	90	
		68.6	51.1	86	Y315L1-6	110	
		78.4	49.8	98	Y315L1-6	110	
		88.2	48.5	110	Y315L2-6	132	
		98.0	47.5	122	Y355M1-6	160	
730 *	78.6	9.8	70.5	17	Y225M-8	22	3980
		19.6	67.9	31	Y280S-8	37	
		29.4	65.9	44	Y315S-8	55	
		39.2	64.1	57	Y315M-8	75	
		49.0	62.6	70	Y315L1-8	90	
		58.8	61.1	84	Y315L2-8	110	
		68.6	59.7	97	Y315L2-8 JS126-8	110 110	
		78.4	58.4	110	Y355M1-8 JS127-8	132 130	
		88.2	57.1	123	Y355M2-8 JS128-8	160 155	
		98.0	56.1	137	Y355M2-8 JS128-8	160 155	
800	86.1	9.8	78.0	19	Y200L2-6	22	4260
		19.6	75.4	34	Y280S-6	45	
		29.4	73.4	48	Y280M-6	55	
		39.2	71.6	63	Y315S-6	75	
		49.0	70.1	77	Y315M-6	90	
		58.8	68.6	92	Y315L1-6	110	
		68.6	67.2	106	Y315L2-6	132	
		78.4	65.9	121	Y355M1-6	160	
		88.2	64.6	135	Y355M1-6	160	
		98.0	63.6	150	Y355M2-6	185	
880	94.7	9.8	86.6	21	Y225M-6	30	4260
		19.6	84.0	37	Y280S-6	45	
		29.4	82.0	53	Y315S-6	75	
		39.2	80.2	69	Y315S-6	75	
		49.0	78.7	85	Y315L1-6	110	
		58.8	77.2	101	Y315L1-6	110	
		68.6	75.8	117	Y315L2-6	132	
		78.4	74.5	133	Y355M1-6	160	
		88.2	73.2	149	Y355M2-6	185	
		98.0	72.2	165	Y355M2-6	185	
980 *	105.5	9.8	97.4	23	Y225M-6	30	3690
		19.6	94.8	41	Y280M-6	55	
		29.4	92.8	59	Y315S-6	75	
		39.2	91.0	77	Y315M-6	90	
		49.0	89.5	95	Y315L1-6 JS117-6	110 115	
		58.8	88.0	112	Y315L2-6 JS125-6	132 130	
		68.6	86.6	130	Y355M1-6 JS126-6	160 155	
		78.4	85.3	148	Y355M2-6 JS127-6	185 185	
		88.2	84.0	165	Y355M2-6 JS127-6	185 185	
		98.0	83.0	183	Y355M3-6 JS128-6	200 215	

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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

3. ■表示该电机防护等级IP23，其余电机为IP44，电压380V 。

RRF-250 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRF-250 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
650	87.1	9.8	76.2	19	Y200L2-6	22	4450
		19.6	73.5	34	Y280S-6	45	
		29.4	71.3	48	Y280M-6	55	
		39.2	69.4	63	Y315S-6	75	
		49	67.6	78	Y315M-6	90	
		58.8	66.0	92	Y315L1-6	110	
		68.6	64.4	107	Y315L2-6	132	
		78.4	63.0	121	Y355M1-6	160	
		88.2	61.6	136	Y355M1-6	160	
730 *	97.8	9.8	86.9	21	Y250M-8	30	4250
		19.6	84.2	38	Y280M-8	45	
		29.4	82.0	54	Y315M-8	75	
		39.2	80.1	70	Y315L1-8	90	
		49.0	78.3	87	Y315L2-8 JS126-8	110 110	
		58.8	76.7	103	Y355M1-8 JS127-8	132 130	
		68.6	75.1	120	Y355M1-8	132	
		78.4	73.7	136	Y355M2-8 JS128-8	160 155	
		88.2	72.3	153	Y355L1-8 JS136-8	185 180	
		98.0	71.6	161	Y355L1-8 JS136-8	185 180	
800	107.2	9.8	96.3	23	Y225M-6	30	4450
		19.6	93.6	41	Y280M-6	55	
		29.4	91.4	59	Y315S-6	75	
		39.2	89.5	77	Y315M-6	90	
		49.0	87.7	95	Y315L1-6	110	
		58.8	86.1	113	Y315L2-6	132	
		68.6	84.5	131	Y355M1-6	160	
		78.4	83.1	149	Y355M2-6	185	
		88.2	81.7	167	Y355M2-6	185	5340
		98.0	80.4	185	Y355L1-6	220	
880	117.9	9.8	107.2	26	Y225M-6	30	4450
		19.6	104.5	45	Y280M-6	55	
		29.4	102.1	65	Y315S-6	75	
		39.2	100.2	85	Y315L1-6	110	
		49.0	98.4	105	Y315L2-6	132	
		58.8	96.8	125	Y355M1-6	160	
		68.6	95.2	144	Y355M1-6	160	
		78.4	93.8	164	Y355M2-6	185	
		88.2	92.4	184	Y355M3-6 ■	220	5260
		98.0	91.1	204	Y355M4-6 ■	250	
980 *	131.3	9.8	120.4	29	Y250M-6	37	4500
		19.6	117.7	51	Y315S-6	75	
		29.4	115.5	72	Y315M-6	90	
		39.2	113.6	95	Y315L1-6 JS117-6	110 115	
		49.0	111.8	117	Y315L2-6 JS125-6	132 130	
		58.8	110.2	139	Y355M1-6 JS126-6	160 155	
		68.6	108.6	161	Y355M2-6 JS127-6	185 185	
		78.4	107.2	183	Y355M3-6 JS128-6	200 215	
		88.2	105.8	205	JS136-6	240	
		98.0	104.5	227	Y355L2-6	250	

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

2. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

3. Motor protection class IP23 for types marked with "■", IP44 for others, voltage 380V.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRF-290 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRF-290 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
650	102.6	9.8	92.3	22	Y225M-6	30	4890
		19.6	88.4	39	Y280S-6	45	
		29.4	85.4	57	Y315S-6	75	
		39.2	83.0	74	Y315M-6	90	
		49.0	80.8	91	Y315L1-6	110	
		58.8	78.9	108	Y315L2-6	132	
		68.6	77.2	125	Y355M1-6	160	
		78.4	75.8	142	Y355M1-6	160	
730 *	115.3	9.8	105	25	Y250M-8	30	4760
		19.6	101.1	45	Y315S-8	55	
		29.4	98.1	64	Y315M-8	75	
		39.2	95.7	83	Y315L1-8	90	
		49.0	93.5	103	Y355M1-8 JS127-8	132 130	
		58.8	91.6	122	Y355M1-8	132	
		68.6	89.9	141	Y355M2-8 JS128-8	160 155	
		78.4	88.5	160	Y355L1-8 JS136-8	185 180	
800	126.3	9.8	116	27	Y225M-6	30	4940
		19.6	112.1	48	Y280M-6	55	
		29.4	109.1	70	Y315M-6	90	
		39.2	106.7	91	Y315L1-6	110	
		49.0	104.5	112	Y315L2-6	132	
		58.8	102.6	134	Y355M1-6	160	
		68.6	100.9	155	Y355M2-6	185	
		78.4	99.5	176	Y355M3-6	200	5640
880	139.0	9.8	128.7	30	Y250M-6	37	4940
		19.6	124.8	53	Y315S-6	75	
		29.4	121.8	76	Y315M-6	90	
		39.2	119.4	100	Y315L1-6	110	
		49.0	117.2	123	Y355M1-6	160	
		58.8	115.3	146	Y355M2-6	185	
		68.6	113.6	169	Y355M2-6	185	4980
		78.4	112.2	192	Y355M3-6 ■	220	
980 *	154.8	9.8	144.5	33	Y250M-6	37	4710
		19.6	140.6	59	Y315S-6	75	
		29.4	137.6	85	Y315L1-6	110	
		39.2	135.2	110	Y315L2-6 JS125-6	132 130	
		49.0	133	136	Y355M1-6 JS126-6	160 155	
		58.8	131.1	161	Y355M2-6 JS127-6	185 185	
		68.6	129.4	187	Y355L1-6 JS128-6	220 215	
		78.4	128	213	Y355L2-6 JS136-6	250 240	

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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。
3. ■表示该电机防护等级IP23，●表示该电机为6000V高压电机，其余电机防护等级IP44，电压380V。

RRF-300 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRF-300 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
650	133.7	9.8	120.7	29	Y250M-6	37	5330
		19.6	116.6	51	Y315S-6	75	
		29.4	113.4	73	Y315M-6	90	
		39.2	110.5	96	Y315L1-6	110	
		49	107.9	118	Y315L2-6	132	
		58.8	105.5	140	Y355M1-6	160	
		68.6	103.4	162	Y355M2-6	185	6130
		78.4	101.5	185	Y355L1-6	220	
730 *	150.2	9.8	137.2	32	Y280S-8	37	5230
		19.6	133.1	57	Y315M-8	75	
		29.4	129.9	82	Y315L1-8	90	
		39.2	127	107	Y355M1-8 JS127-8	132 130	
		49.0	124.4	132	Y355M2-8 JS128-8	160 155	
		58.8	122	157	Y355L1-8 JS136-8	185 180	
		68.6	119.9	182	Y355L2-8 JS137-8	200 210	
		78.4	118	207	JS138-8	245	
800	164.6	9.8	151.6	35	Y280S-6	45	5530
		19.6	147.5	63	Y315S-6	75	
		29.4	144.3	90	Y315L1-6	110	
		39.2	141.4	118	Y315L2-6	132	
		49.0	138.8	145	Y355M1-6	160	
		58.8	136.4	172	Y355M3-6	200	6070
		68.6	134.3	200	Y355L1-6	220	
		78.4	132.4	227	Y355M4-6 ■	250	
880	181.1	9.8	168.1	39	Y280S-6	45	5470
		19.6	164	69	Y315M-6	90	
		29.4	160.8	99	Y315L1-6	110	
		39.2	157.9	129	Y355M1-6	160	
		49.0	155.3	159	Y355M2-6	185	
		58.8	152.9	190	Y355M3-6 ■	220	6540
		68.6	150.8	220	Y355M4-6 ■	250	
		78.4	148.9	250	Y400-6 ●	280	
980 *	201.7	9.8	188.7	43	Y280M-6	55	5520
		19.6	184.6	76	Y315M-6	90	
		29.4	181.4	110	Y315L2-6 JS125-6	132 130	
		39.2	178.5	144	Y355M1-6 JS126-6	160 155	
		49.0	175.9	178	Y355M3-6	200	
		58.8	173.5	211	Y355L2-6 JS136-6	250 240	
		68.6	171.4	245	JS137-6	280	
		78.4	169.5	278	Y400-6 ●	315	

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

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRG-350 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRG-350 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
590 *	197.3	9.8	184.8	43	Y315M-10	55	9700
		19.6	179.3	76	Y355M1-10	90	
		29.4	175.3	109	Y355L-10 JS128-10	132 130	
		39.2	172.3	142	Y450-10 ● JS137-10	185 155	
		49.0	169.6	175	Y450-10 ● JS1410-10 ●	220 200	
		58.8	167.2	208	JS157-10 ● Y450-10 ●	250 260	
		68.6	164.8	241	Y450-10 ●	280	
		78.4	162.8	274	Y500-10 ● JS158-10 ●	315 310	10550
		88.2	160.8	307	Y500-10 ●	355	
		93.1	159.3	324	Y500-10 ●	355	
630	210.7	9.8	198.2	46	Y315S-8	55	9580
		19.6	192.7	81	Y315L1-8	90	
		29.4	188.7	116	Y355M1-8	132	
		39.2	185.7	152	Y355M3-8 ■	185	
		49.0	183.0	187	Y400-8 ●	220	
		58.8	180.6	222	Y450-8 ●	250	
		68.6	178.2	257	Y450-8 ●	280	
		78.4	176.2	293	Y450-8 ●	355	10500
		88.2	174.2	328	Y450-8 ●	355	
		98.0	172.7	363	Y500-8 ●	400	
670	224.1	9.8	211.6	49	Y315S-8	55	9700
		19.6	206.1	86	Y315L2-8	110	
		29.4	202.1	124	Y355M2-8	160	
		39.2	199.1	161	Y355M3-8 ■	185	
		49.0	196.4	199	Y400-8 ●	220	
		58.8	194.0	236	Y450-8 ●	280	
		68.6	191.6	273	Y450-8 ●	315	
		78.4	189.6	311	Y450-8 ●	355	10750
		88.2	187.6	349	Y500-8 ●	400	
		98.0	186.1	386	Y500-8 ●	450	
710	237.4	9.8	224.9	52	Y315S-6	75	8670
		19.6	219.4	91	Y315L1-6	110	
		29.4	215.4	131	Y355M1-6	160	
		39.2	212.4	171	Y355M3-6	200	
		49.0	209.7	211	Y355M4-6 ■	250	
		58.8	207.3	250	Y400-6 ●	280	
		68.6	204.9	290	Y400-6 ●	315	9850
		78.4	202.9	330	Y450-6 ●	400	
		88.2	200.9	370	Y450-6 ●	400	
		98.0	199.4	409	Y450-6 ●	450	
730 *	244.1	9.8	231.6	52.5	Y315M-8	75	9600
		19.6	226.1	93.4	Y315L2-8 JS126-8	110 110	
		29.4	222.1	134	Y355M2-8 JS128-8	160 155	
		39.2	219.1	175	Y355L2-8 JS137-8	200 210	
		49.0	216.4	216	Y450-8 ● JS138-8	250 245	
		58.8	214.0	257	Y450-8 ● JS1410-8 ●	280 280	
		68.6	211.6	297	Y450-8 ● JS157-8 ●	355 320	10750
		78.4	209.6	338	Y500-8 ● JS158-8 ●	400 380	
		88.2	207.6	380	Y500-8 ●	450	
		98.0	206.1	420	Y500-8 ●	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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

3. ■表示该电机防护等级IP23，●表示该电机为6000V高压电机，其余电机防护等级IP44，电压380V。

RRG-400 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRG-400 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
590 *	248.1	9.8	232.1	52	Y315L2-10	75	10090
		19.6	226.1	94	Y355M2-10 JS127-10	110 115	
		29.4	221.3	135	JS137-10	155	
		39.2	217.1	177	JS1410-10 ●	200	
		49.0	213.4	218	Y450-10 ● JS157-10 ●	250 260	
		58.8	209.9	260	Y450-10 ●	280	
		68.6	207.1	301	Y450-10 ●	355	11105
		78.4	204.6	343	Y500-10 ●	400	
		83.3	203.1	364	Y500-10 ● JS1510-10 ●	400 400	
630	264.9	9.8	248.9	56	Y315M-8	75	10130
		19.6	242.9	100	Y315L2-8	110	
		29.4	238.1	144	Y355M2-8	160	
		39.2	233.9	189	Y400-8 ●	220	
		49.0	230.2	233	Y450-8 ●	250	
		58.8	226.7	277	Y450-8 ●	315	11190
		68.6	223.9	322	Y450-8 ●	355	
		78.4	221.4	366	Y500-8 ●	400	
		83.3	219.9	388	Y500-8 ●	450	
670	281.7	9.8	265.7	59	Y315M-8	75	10010
		19.6	259.7	106	Y355M1-8	132	
		29.4	254.9	153	Y355M3-8 ■	185	
		39.2	250.7	201	Y400-8 ●	220	
		49.0	247.0	248	Y450-8 ●	280	
		58.8	243.5	295	Y450-8 ●	355	11190
		68.6	240.7	342	Y500-8 ●	400	
		78.4	238.2	389	Y500-8 ●	450	
		83.3	236.7	413	Y500-8	450	
710	298.5	9.8	282.5	63	Y315S-6	75	9270
		19.6	276.5	113	Y315L2-6	132	
		29.4	271.7	163	Y355M2-6	185	
		39.2	267.5	213	Y355M4-6 ■	250	
		49.0	263.8	262	Y400-6 ●	315	
		58.8	260.3	312	Y450-6 ●	355	10500
		68.6	257.5	362	Y450-6 ●	400	
		78.4	255.0	412	Y450-6 ●	450	
		83.3	253.5	437	Y450-6 ●	500	
730 *	306.9	9.8	290.9	64	Y315M-6	75	10130
		19.6	284.8	115	Y355M1-8 JS127-8	132 130	
		29.4	280.1	167	Y355L1-8	185	
		39.2	275.8	219	Y450-8 ● JS138-8	250 245	
		49.0	272.2	269	Y450-8 ● JS157-8 ●	315 320	
		58.8	268.7	321	Y450-8 ●	355	11390
		68.6	265.9	372	Y500-8 ●	400	
		78.4	263.3	424	JS1510-8 ●	475	
		83.3	261.9	449	Y500-8 ●	500	

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

2. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

3. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.

RR 系列标准型罗茨鼓风机性能参数表

PERFORMANCE DATA OF SERIES RR STANDARD TYPE ROTARY BLOWER

RRG-450型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRG-450 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
590 *	310.1	9.8	292.6	64	Y315L2-10	75	10600
		19.6	285.1	116	Y355L-10 JS128-10	132 130	
		29.4	279.9	168	Y450-10 ● JS138-10	185 180	
		39.2	275.1	220	Y450-10 ● JS157-10 ●	250 260	
		49.0	271.1	271	Y500-10 ● JS158-10 ●	315 310	11850
		58.8	267.6	323	Y500-10 ●	355	
		68.6	264.1	375	Y500-10 ● JS1510-10 ●	400 400	
		73.5	262.4	401	Y500-10 ●	450	
630	331.1	9.8	313.6	68	Y315L1-8	90	10620
		19.6	306.1	124	Y355M2-8	160	
		29.4	300.9	179	Y355M4-8 ■	200	
		39.2	296.1	234	Y450-8 ●	280	
		49.0	292.1	290	Y450-8 ●	315	
		58.8	288.6	345	Y500-8 ●	400	12000
		68.6	285.1	400	Y500-8 ●	450	
		73.5	283.4	428	Y500-8 ●	500	
670	352.1	9.8	334.6	73	Y315L1-8	90	10620
		19.6	327.1	132	Y355M2-8	160	
		29.4	321.9	190	Y400-8 ●	220	
		39.2	317.1	249	Y450-8 ●	280	
		49.0	313.1	308	Y450-8 ●	355	12000
		58.8	309.6	367	Y500-8 ●	400	
		68.6	306.1	426	Y500-8 ●	500	
		73.5	304.4	455	Y500-8 ●	500	
710	373.2	9.8	355.7	77	Y315M-6	90	9750
		19.6	348.2	139	Y355M2-6	185	
		29.4	343.0	202	Y355L1-6	220	
		39.2	338.2	264	Y400-6 ●	280	
		49.0	334.2	327	Y450-6 ●	355	11700
		58.8	330.7	389	Y450-6 ●	450	
		68.6	327.2	451	Y450-6 ●	500	
		73.5	325.5	483	Y500-6 ●	560	
730 *	383.7	9.8	366.2	79	Y315L1-6	90	10740
		19.6	358.6	143	Y355M2-8 JS128-8	160 155	
		29.4	353.4	207	Y450-8 ● JS138-8	250 245	
		39.2	348.6	271	Y450-8 ● JS157-8 ●	315 320	
		49.0	344.7	335	Y500-8 ● JS158-8 ●	400 380	12230
		58.8	341.1	400	Y500-8 ● JS1510-8 ●	450 475	
		68.6	337.6	464	Y500-8 ●	500	
		73.5	336.0	496	Y500-8 ● JS1512-8 ●	560 570	

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. ▭ 内性能点罗茨鼓风机采用中间轴皮带轮传动。

3. ■表示该电机防护等级IP23，●表示该电机为6000V高压电机，其余电机防护等级IP44，电压380V。

RRG-500 型罗茨鼓风机性能参数表

PERFORMANCE DATA OF MODEL RRG-500 ROTARY BLOWER

转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	升压 Pressure Rise kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor 型号 Type	配套电机 Motor 功率 Power kW	机组最大重量 Unit Maximum Weight kg
590 *	383.4	9.8	361.4	78	Y355M1-10	90	12790
		19.6	352.4	142	Y450-10 ● JS137-10	185 155	
		29.4	345.7	206	Y450-10 ●	220	
		39.2	339.9	270	Y500-10 ● JS137-10	315 310	15270
		49.0	334.4	334	Y500-10 ●	355	
		58.8	329.7	398	Y500-10 ●	450	
		63.7	327.4	431	Y560-10 ● JS1512-10 ●	500 480	
630	409.4	9.8	387.4	83	Y315L2-8	110	12800
		19.6	378.4	151	Y355M3-8 ■	185	
		29.4	371.7	220	Y450-8 ●	250	
		39.2	365.9	288	Y450-8 ●	315	14290
		49.0	360.4	357	Y500-8 ●	400	
		58.8	355.7	425	Y500-8 ●	500	
		63.7	353.4	459	Y500-8 ●	500	
670	435.4	9.8	413.4	88	Y315L2-8	110	12910
		19.6	404.4	161	Y355M3-8 ■	185	
		29.4	397.7	234	Y450-8 ●	280	
		39.2	391.9	306	Y450-8 ●	355	14520
		49.0	386.4	379	Y500-8 ●	400	
		58.8	381.7	452	Y500-8 ●	500	
		63.7	379.4	488	Y500-8 ●	560	
710	461.4	9.8	439.4	93	Y315L1-6	110	12000
		19.6	430.4	170	Y355M3-6	200	
		29.4	423.7	248	Y400-6 ●	280	
		39.2	417.9	325	Y450-6 ●	355	13990
		49.0	412.4	402	Y450-6 ●	450	
		58.8	407.7	479	Y500-6 ●	560	
		63.7	405.4	528	Y500-6 ●	560	
730 *	474.4	9.8	452.4	96	Y315L2-8 JS126-8	110 110	12910
		19.6	443.4	175	Y355L2-8 JS137-8	200 210	
		29.4	436.7	253	Y450-8 ● JS1410-8 ●	280 280	
		39.2	430.9	333	Y450-8 ● JS158-8 ●	355 380	14520
		49.0	425.4	412	Y500-8 ● JS1510-8 ●	450 475	
		58.8	420.7	492	Y500-8 ● JS1512-8 ●	560 570	
		63.7	418.4	529	Y500-8 ● JS1512-8 ●	560 570	

Notes: 1. Direct drive is adopted for model marked with "*", Belt drive is adopted for others.

2. Belt drive with counter shaft should be adopted for blowers whose performance points are enclosed by the "▭".

3. Motor protection class IP23 for types marked with "■", 6000V high voltage for types with "●", IP44 and 380V for others.