



山东章鼓 股票代码：002598

ZR系列大型高压 罗茨鼓风机 罗茨真空泵

Series ZR
Large-Size High-Pressure
Rotary Blower
Rotary Pump Vacuum



山东省章丘鼓风机股份有限公司
SHANDONG ZHANGQIU BLOWER CO., LTD

中国通用机械工业协会风机分会副理事长单位

企业简介

山东章鼓公司是国家重点风机生产企业，具有近五十年专业的风机设计、制造技术和经验，是国内值得信赖的罗茨鼓风机生产和销售厂家。公司先后建立了两家中日合资企业，并在美国设立了分公司，成为国内风机行业第一家在国外建立分公司的企业，目前公司已成为集鼓风机、重型设备、气力输送成套系统、工业泵、电气设备等机械产品研发、设计、生产、制造于一体的现代化企业。2011年7月，公司在深交所成功上市，为章鼓的做大做强提供了广阔的发展空间。

公司有享受国务院特殊津贴专家、工程应用技术研究员，有“泰山学者”、济南市“5150”工程引进的日本专家博士，有享受省、市政府津贴的高级专业人才，先后与清华大学、西安交通大学、浙江大学、江苏大学、山东大学、山东科技大学等高等院校建立了产、学、研基地，保持着密切的合作关系。公司自主研发了多项具有国际领先和先进水平的新产品，拥有国内一流的产品研发设计中心，建有省级企业技术中心，具有雄厚的设计、科研、开发、试验、检测的能力，处于国内机械行业领先地位。

公司先后荣获“中国机械500强企业”、2005年度全国风机、衡器、包装设备等通用设备制造业“自主创新能力十强”、风机行业“用户满意企业”、“山东省利税五十强企业”等多项荣誉。注册商标“章鼓”荣获“山东名牌”，“齐鲁”荣获“2006年度最具市场竞争力品牌”、“山东省著名商标”。

Brief Introduction of Company

Shandong Zhangqiu Blower Co., Ltd is one of the most important blower manufacturers in China with almost 50 years of experience in R&D and production of Roots type blower. It has become the domestic No. 1 in production capability and market share of Roots type blower. It has invested to set up two Chinese-Japanese joint ventures, one sub-company in USA which is the first oversea organization in domestic blowers industry. Now the company has become a large-scale modern producing and design enterprise with products of blowers, heavy-duty equipments, pneumatic conveying systems, industrial pumps and electric equipments, etc.

There are experts who are awarded to enjoy special allowance from the State Council, the Province and the City government, and a professional talent from Japan with doctor's degree in the company. It also keeps a good and close cooperating relationship with domestic famous universities like Tsinghua University, Xi'an Jiaotong University, Zhejiang University, Jiangsu University, Shandong University and Shandong University of Science and Technology. The company has a provincial level R & D center with strong ability of research, design, test and inspection and positioning a leading status in domestic machinery industry.

The company is ranked among the top 500 enterprises in Chinese Machinery Industry, the top 10 innovation enterprises in the domestic blower, weighing apparatus, and packaging equipment industries, the top 50 enterprises in taxpaying in Shandong Province. The company is also recognized to be "The Client Satisfaction Enterprises in Blower Industry".

The registered trade mark "ZHANGGU" is appraised to be "The Famous Brand in Shandong Province", "QILU" is appraised to be "The Most Competitive Power Brand in 2006" and "The Famous Brand in Shandong Province".





ZR 系列大型高压罗茨鼓风机真空泵产品简介

Brief introduction for ZR series large-size high-pressure rotary blower

ZR系列大型高压罗茨鼓风机性能参数表

Performance Data of Series ZR Large-Size High-Pressure Rotary Blower

ZR 系列大型高压罗茨鼓风机真空泵是我公司集多年制造经验,为满足用户对大流量高压风机的需求而开发的先进产品。该系列产品是集引进技术生产的 RR 系列鼓风机和 L 系列鼓风机研制中的技术精华,采用特殊叶轮型线而研制出的高效节能型罗茨鼓风机。

产品特点:

- ◎叶轮采用近渐开线型线,先进合理,整机效率高。
- ◎主要零部件采用加工中心及数控设备进行加工,齿轮采用5级精度,产品精度高,运行可靠。
- ◎油箱采用托油盘等新结构,散热好,可在升压为49kPa时,不用冷却水,使用费用小。
- ◎机壳、墙板采用水平中分结构,检修方便。

性能范围:

- ◎升压: 9.8kPa~98kPa 流量: 317.9m³/min~1292 m³/min
- ◎真空度: -13.3 kPa~-53.3 kPa 流量: 353.4m³/min~1308.5m³/min

附件:

- ◎标准附件联轴器一套、防护罩、地脚螺栓(带螺母和垫圈),封入水接管(湿式真空泵专配)。
- ◎专用附件(如消声器、滤清器等)按合同要求配备,订货时请注明。

Series ZR large-size high-pressure rotary blower and Vacuum Pumps is developed based on rich manufacture experience,which is a advanced product to be satisfied with customer’ s requirement of large capacity and high pressure rotary blower.It is not only absorbed the technology soul from series RR rotary blower, which is introduced technology and series L rotary blower, but also adopted the special rotor profile, which makes rotary blower be high efficiency and energy saving.

Features:

- ◎ Rotor with approximate involute profile, advanced and reasonable, high efficiency overall.
- ◎ Main parts are machined by machining center and NC facilities, among which bearing reaches to class 5 accuracy. The product is high accuracy and runs reliably.
- ◎ Oil tank has new structures of oil-plate etc., good heat emission. Cooling water isn’ t used when pressure rise doesn’ t exceed 49kPa, which can lower occupying expenses.
- ◎ Casing and headplate adopt misplit structure in horizon, which can make check and repair convenient.

Performance Range:

- ◎ Pressure Rise: from 9.8 kPa to 98 kPa Capacity: from 317.9m³/min to 1292m³/min
- ◎ Vacuum Degree: from -13.3 kPa to -53.3 kPa Capacity: from 353.4m³/min to 1308.5m³/min

Accessories:

- ◎ Standard accessories: a set of coupling, coupling guard, anchor bolts (including nuts and washers), Connection Pipe for sealing water(Only for Wet type Vacuum pump).
- ◎ Special accessories (such as silencer and air filter etc.) are supplied according to the requirement in contract, please note in order.

风机 型号 Type	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		主机重量 Frame Weight (Without motor) kg	风机 型号 Type	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		主机重量 Frame Weight (Without motor) kg		
						型 号 Type	功率 Power kW								型 号 Type	功率 Power kW			
ZR7-500A	490	405.7	9.8	378.1	85.0	Y355L-12 *	110	12450	ZR7-580B	590	558.32	58.8	489.4	582.3	Y5005-10	630	13500		
			19.6	366.6	152.4	Y450-12	185					68.6	483.9	672.2	Y5601-10	710			
			29.4	357.8	218.6	Y4505-12	250					78.4	478.7	760.2	Y5602-10	800			
			39.2	350.4	285.2	Y5002-12	315					88.2	473.8	855.3	Y5603-10	900			
			49	343.8	352.6	Y5004-12	400		ZR7-600A	490	513.37	9.8	479.5	107.5	Y355L-12 *	132	14400		
			58.8	337.8	423.2	Y5601-12	500					19.6	465.5	192.8	Y4504-12	220			
			68.6	332.4	488.5	Y5602-12	560					29.4	454.7	276.5	Y5002-12	315			
			78.4	327.3	552.5	Y5603-12	630					39.2	445.6	360.8	Y5004-12	400			
			88.2	322.5	621.5	Y6301-12	710					49	437.6	446.2	Y5601-12	500			
			98	317.9	688.0	Y6302-12	800					58.8	430.3	535.4	Y5603-12	630			
	9.8	460.9	102.4	Y355L2-10 *	132	68.6	423.6					618.1	Y6301-12	710					
	19.6	449.4	183.5	Y4501-10	220	78.4	417.4					699.0	Y6302-12	800					
	29.4	440.6	263.2	Y4504-10	315	88.2	411.5					786.4	Y6303-12	900					
	39.2	433.2	343.4	Y5001-10	400	590	618.14					9.8	584.3	129.5	Y355L-10 *	185			
	49	426.6	424.6	Y5003-10	500							19.6	570.3	232.2	Y4503-10	280			
	58.8	420.7	509.5	Y5004-10	560							29.4	559.5	333.0	Y5001-10	400			
	68.6	415.2	588.2	Y5005-10	630							39.2	550.4	434.4	Y5003-10	500			
	78.4	410.1	665.2	Y5601-10	710							49	542.3	537.3	Y5005-10	630			
	88.2	405.3	748.4	Y5602-10	800							58.8	535.1	644.7	Y5601-10	710			
	98	400.7	828.4	Y5603-10	900							68.6	528.4	744.2	Y5602-10	800			
	78.4	522.2	841.7	Y5603-10	900			88.2	516.3	946.9	Y6301-10	1000							
	ZR7-580B	490	463.69	9.8	435.6	97.1	Y355L-12 *	132	13500	ZR7-700A	490	583.75	9.8	546.9	122.3	Y450-12	185	15600	
				19.6	424.0	174.2	Y450-12	200					19.6	531.5	219.3	Y4505-12	250		
				29.4	415.1	249.8	Y5001-12	280					29.4	519.9	314.5	Y5003-12	355		
				39.2	407.5	325.9	Y5003-12	355					39.2	510.0	410.3	Y5005-12	450		
				49	400.8	403.0	Y5005-12	450					49	501.2	507.4	Y5602-12	560		
				58.8	394.8	483.6	Y5602-12	560					58.8	493.3	608.8	Y6301-12	710		
				68.6	389.2	558.3	Y5603-12	630					68.6	485.4	702.8	Y6302-12	800		
78.4				384.1	631.4	Y6301-12	710	78.4					477.5	794.9	Y6303-12	900			
88.2				379.2	710.3	Y6302-12	800	9.8					666.0	147.2	Y355L-10 *	185			
98				372.9	788.4	Y6303-12	900	19.6					650.7	264.0	Y4504-10	315			
590		558.32	29.4	509.7	300.8	Y4505-10	355	590					702.88	29.4	639.0	378.6	Y5002-10		450
			39.2	502.1	392.4	Y5002-10	450							39.2	629.1	494.0	Y5004-10		560
			49	495.5	485.3	Y5004-10	560												

注: *表示380V低压电机, 其余为6000V高压电机。频率50Hz。
Note: 380V voltage for types marked with "*";6000V high voltage for others.Frequency 50Hz.



ZR系列大型高压罗茨鼓风机性能参数表

Performance Data of Series ZR Large-Size High-Pressure Rotary Blower

风机 型号 Type	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		主机重量 Frame Weight (Without motor) kg	风机 型号 Type	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		主机重量 Frame Weight (Without motor) kg
						型 号 Type	功率 Power kW								型 号 Type	功率 Power kW	
ZR7-700A	590	702.88	49	620.3	610.9	Y5601-10	710	15600		490	779.31	68.6	670.6	938.3	Y6304-12	1000	
			58.8	612.4	733.1	Y5602-10	800					78.4	663.1	1061.2	Y710-12	1120	
			68.6	604.5	846.3	Y5603-10	900					9.8	897.4	196.6	Y4502-10	250	
			78.4	596.6	957.1	Y6302-10	1120					19.6	880.4	352.4	Y5001-10	400	
ZR7-750A	490	645.8	9.8	608.9	135.3	Y450-12	185	16500	ZR8-700B	590	938.3	29.4	867.4	505.5	Y5004-10	560	20500
			19.6	593.6	242.6	Y5001-12	280					39.2	856.3	659.5	Y5601-10	710	
			29.4	581.9	348.0	Y5004-12	400					49	846.6	815.5	Y5603-10	900	
			39.2	572.0	453.9	Y5601-12	500					58.8	837.8	978.7	Y6302-10	1120	
			49	563.2	561.4	Y5603-12	630					68.6	829.7	1130	Y6303-10	1250	
			58.8	555.3	673.6	Y6302-12	800					78.4	822.1	1278	Y6304-10	1400	
	590	777.6	9.8	740.7	162.9	Y355L-10 *	185		ZR8-800B	490	916.8	9.8	871.1	192.1	Y4504-12	220	22250
			19.6	725.4	292.1	Y4505-10	355					19.6	852.2	344.4	Y5004-12	400	
			29.4	713.7	418.9	Y5003-10	500					29.4	837.6	493.9	Y5602-12	560	
			39.2	703.8	546.6	Y5005-10	630					39.2	825.3	644.3	Y6301-12	710	
			49	695.0	675.9	Y5602-10	800					49	814.4	796.9	Y6303-12	900	
			58.8	687.1	811.1	Y5603-10	900					58.8	804.7	956.2	Y710-12	1120	
ZR7-800A	490	736.9	9.8	689.6	154	Y450-12	185	18400	590	1103.9	9.8	1058.2	231.3	Y4503-10	280	22250	
			19.6	671.0	277	Y5002-12	315				19.6	1039.3	414.7	Y5003-10	500		
			29.4	657.5	397	Y5005-12	450				29.4	1024.7	594.7	Y5601-10	710		
			39.2	646.7	518	Y5602-12	560				39.2	1012.4	775.8	Y5603-10	900		
			49	637.7	641	Y6301-12	710				49	1001.5	959.5	Y6302-10	1120		
	590	887.3	9.8	841.6	186	Y4501-10	220		ZR8-900B	490	1117	9.8	1063	234	Y5001-12	280	22250
			19.6	823.7	333	Y5001-10	400					19.6	1041	420	Y5601-12	500	
			29.4	810.6	478	Y5004-10	560					29.4	1024	602	Y6301-12	710	
			39.2	800.1	624	Y5601-10	710					39.2	1010	786	Y6303-12	900	
			49	791.4	772	Y5603-10	900					49	997	972	Y710-12	1120	
ZR8-700B	490	779.31	9.8	738.4	163.3	Y450-12	200	20500	ZR8-900B	590	1345	9.8	1292	282	Y4504-10	315	24600
			19.6	721.4	292.7	Y5003-12	355					19.6	1269	506	Y5004-10	560	
			29.4	708.3	419.8	Y5601-12	500					29.4	1252	725	Y5602-10	800	
			39.2	697.3	547.7	Y5603-12	630					39.2	1238	946	Y6301-10	1000	
			49	687.5	677.3	Y6302-12	800					49	1225	1170	Y6303-10	1250	
			58.8	678.7	812.8	Y6303-12	900										

注：*表示380V低压电机，其余为6000V高压电机。频率50Hz。
Note: 380V voltage for types marked with "*";6000V high voltage for others.Frequency 50Hz.

ZR-W系列大型湿式真空泵性能参数表

Performance Data of Series ZR-W Large-Size Wet Type Rotary Vacuum Pump

真空泵 型号 Type	转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	真空度 Vacuum Degree kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor		吸入水量 Sucking Water Flow L/min	主机重量 Frame Weight (Without motor) kg	真空泵 型号 Type	转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	真空度 Vacuum Degree kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor		吸入水量 Sucking Water Flow L/min	主机重量 Frame Weight (Without motor) kg		
						型 号 Type	功率 Power kW									型 号 Type	功率 Power kW				
ZR7-500AW	490	405.7	-13.3	386.7	109.1	Y355L2-12 *	132	50	12450	ZR7-600AW	590	618.1	-53.3	453.5	485.3	Y5602-12	560	60	14400		
			-20.0	381.4	155.1	Y4502-12	185						-13.3	596.2	166.2	Y400-10	200				
			-26.7	376.3	200.4	Y4504-12	220						-20.0	590.2	236.3	Y4503-10	280				
			-33.3	371.3	245.1	Y5001-12	280						-26.7	584.3	305.2	Y4505-10	355				
			-40.0	365.9	290.7	Y5002-12	315						-33.3	578.6	373.4	Y5002-10	450				
			-46.7	360.0	336.8	Y5004-12	400						-40.0	572.5	442.8	Y5003-10	500				
	590	488.5	-53.3	353.4	383.6	Y5005-12	450			ZR7-700AW	490	583.7	-46.7	565.7	513.2	Y5004-10	560	65	15600		
			-13.3	469.5	131.4	Y355L1-10 *	160						-53.3	558.3	584.4	Y5005-10	630				
			-20.0	464.2	186.8	Y4501-10	220						-13.3	554.6	156.9	Y4502-12	185				
			-26.7	459.1	241.2	Y4503-10	280						-20.0	546.6	223.2	Y4505-12	250				
			-33.3	454.1	295.1	Y4505-10	355						-26.7	538.9	288.3	Y5002-12	315				
			-40.0	448.7	350.0	Y5001-10	400						-33.3	531.3	352.6	Y5004-12	400				
ZR7-580BW	490	463.6	-46.7	442.8	405.5	Y5002-10	450	55	13500	ZR7-800AW	590	702.8	-53.3	504.4	551.9	Y5603-12	630	65	15600		
			-53.3	436.2	461.9	Y5003-10	500						-46.7	514.2	484.6	Y5602-12	560				
			-13.3	443.1	124.6	JS138-12 *	140						-53.3	504.4	551.9	Y5603-12	630				
			-20.0	437.5	177.3	Y4503-12	200						-13.3	673.7	188.9	Y4501-10	220				
			-26.7	432.1	229.0	Y5001-12	280						-20.0	665.8	268.7	Y4504-10	315				
			-33.3	426.7	280.1	Y5002-12	315						-26.7	658.0	347.0	Y5001-10	400				
	590	558.3	-40.0	421.0	332.2	Y5004-12	400			ZR7-750AW	490	645.8	-33.3	650.4	424.5	Y5003-10	500	68	16500		
			-46.7	414.6	384.9	Y5005-12	450						-40.0	642.3	503.5	Y5004-10	560				
			-53.3	407.7	438.4	Y5601-12	500						-46.7	633.3	583.5	Y5005-10	630				
			-13.3	537.8	150.1	Y355L2-10 *	185						-53.3	623.6	664.5	Y5601-10	710				
			-20.0	532.1	213.4	Y4502-10	250						-13.3	616.7	173.6	Y4503-12	200				
			-26.7	526.7	275.7	Y4504-10	315						-20.0	608.7	246.9	Y5001-12	280				
ZR7-600AW	490	513.3	-33.3	521.3	337.3	Y5001-10	400	60	14400	ZR7-750AW	590	777.6	-26.7	601.0	319.0	Y5003-12	355	68	16500		
			-40.0	515.6	400.0	Y5002-10	450						-33.3	593.4	390.1	Y5005-12	450				
			-46.7	509.3	463.5	Y5003-10	500						-40.0	585.3	462.7	Y5601-12	500				
			-53.3	502.4	527.9	Y5004-10	560						-46.7	576.3	536.2	Y5603-12	630				
			-13.3	491.4	138.0	JS138-12 *	155						-53.3	566.5	610.6	Y6301-12	710				
			-20.0	485.4	196.2	Y4504-12	220						-13.3	748.5	209.0	Y4502-10	250				
ZR7-600AW	490	513.3	-26.7	479.5	253.4	Y5001-12	280			60	14400	ZR7-750AW	590	777.6	-20.0	740.5	297.3	Y4505-10	355	68	16500
			-33.3	473.8	310.0	Y5003-12	355								-26.7	732.8	384.0	Y5002-10	450		
			-40.0	467.7	367.8	Y5004-12	400								-33.3	725.2	469.7	Y5004-10	560		
			-46.7	460.9	426.2	Y5601-12	500								-40.0	717.1	557.2	Y5005-10	630		

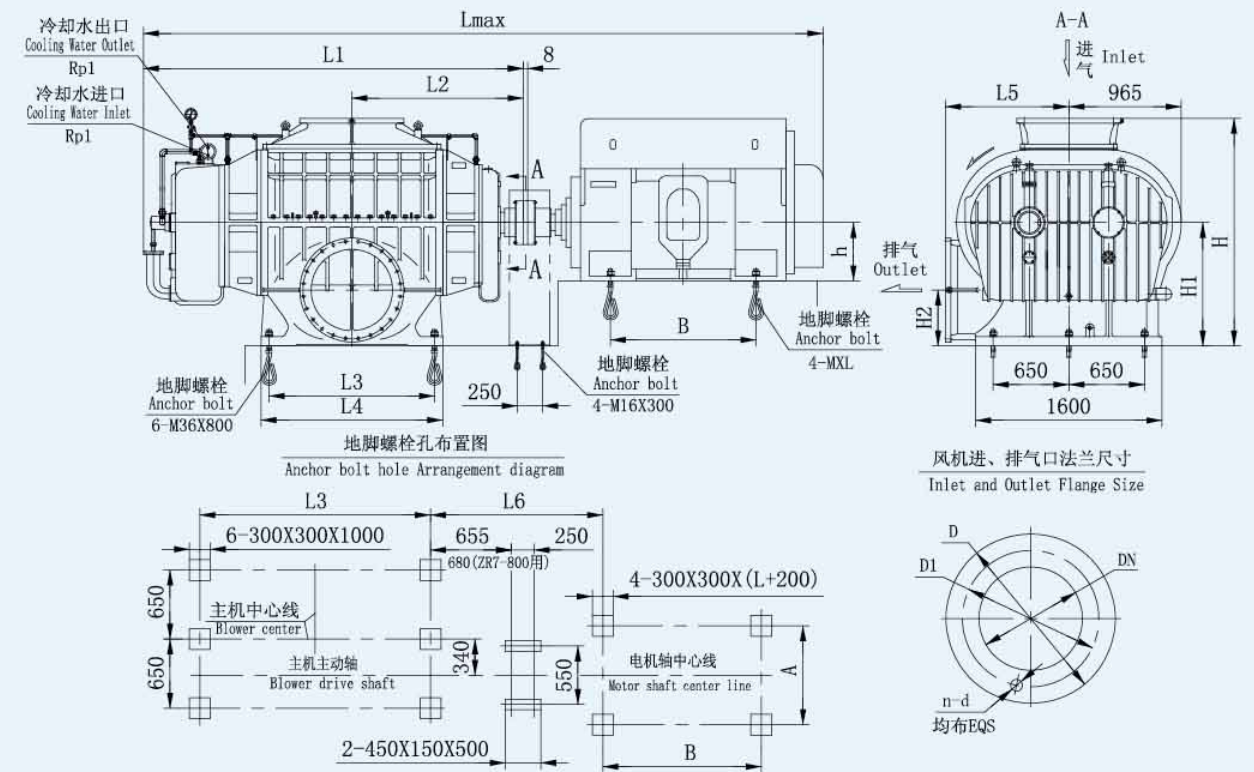
ZR-W系列大型湿式真空泵性能参数表

Performance Data of Series ZR-W Large-Size Wet Type Rotary Vacuum Pump

真空泵 型号 Type	转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	真空度 Vacuum Degree kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor		密封水量 Sealing Water Flow L/min	主机重量 Main Weight Without motor kg	真空泵 型号 Type	转速 Rotary Speed r/min	理论流量 Theoretical Capacity m³/min	真空度 Vacuum Degree kPa	流量 Capacity m³/min	轴功率 Shaft Power kW	配套电机 Motor		密封水量 Sealing Water Flow L/min	主机重量 Main Weight Without motor kg											
						型 号 Type	功率 Power kW									型 号 Type	功率 Power kW													
ZR7-750AW	590	777.6	-46.7	708.1	645.6	Y5601-10	710	68	16500						246.5	Y5001-12	280													
			-53.3	698.3	735.2	Y5602-10	800									Y5004-12	400													
ZR7-800AW	490	736.9	-13.3	705.3	197.9	Y4504-12	220	70	18400	ZR8-800BW	490	916.8				-20.0	872.0	350.5	Y5004-12	400	75	22250								
			-26.7	862.7	452.7	Y5601-12	500									-33.3	853.5	553.8	Y5603-12	630										
			-40.0	843.7	656.8	Y6301-12	710									-46.7	832.8	761.1	Y6303-12	900										
			-53.3	821.0	866.8	Y6304-12	1000									-13.3	1068.8	296.8	Y4505-10	355										
			-20.0	1059.1	422.0	Y5003-10	500									-26.7	1049.8	545.1	Y5005-10	630										
			-33.3	1040.6	666.8	Y5602-10	800									-40.0	1030.8	790.8	Y5603-10	900										
			-46.7	1020.0	916.4	Y6301-10	1000									-53.3	1008.1	1043.5	Y6302-10	1120										
			-13.3	1080.5	300.4	Y5003-12	355									-20.0	1070.4	427.4	Y5601-12	500										
	590	887.3	-20.0	847.0	338.9	Y5001-10	400												-26.7	1060.5			551.9	Y5603-12	630					
			-26.7	838.5	438.1	Y5003-10	500												-33.3	1050.9			675.2	Y6302-12	800					
			-33.3	830.2	536.1	Y5005-10	630												-40.0	1040.6			801.2	Y6303-12	900					
			-40.0	821.4	636.1	Y5601-10	710												-46.7	1029.3			928.3	Y6304-12	1000					
			-46.7	811.6	737.3	Y5602-10	800												-53.3	1016.9			1053.6	Y710-12	1120					
			-53.3	800.8	836.9	Y5603-10	900												-13.3	1308.5			362.0	Y5001-10	400					
			-20.0	1298.4	514.9	Y5005-10	630												-26.7	1288.6			664.7	Y5602-10	800					
			-33.3	1278.9	812.9	Y5603-10	900												-40.0	1268.7			964.3	Y6302-10	1120					
590	938.3	-46.7	1257.3	1117.4	Y6303-10	1250									-53.3	1244.9	1268.3	Y6304-10	1400											
		-46.7	804.5	646.9	Y6301-12	710									-46.7	863.5	778.9	Y5603-10	900											
		-53.3	693.9	736.8	Y6302-12	800									-53.3	852.9	887.1	Y6301-10	1000											
		-13.3	748.0	209.5	Y4505-12	250																								
		-20.0	739.4	297.9	Y5003-12	355																								
		-26.7	731.1	384.8	Y5005-12	450																								
		-33.3	722.9	470.7	Y5602-12	560																								
		-40.0	714.1	558.3	Y5603-12	630																								
ZR8-700BW	490	779.3	-46.7	704.5	646.9	Y6301-12	710	70	20500	ZR8-900BW	490	1117.3				-53.3	693.9	736.8	Y6302-12	800	80	24600								
			-13.3	748.0	209.5	Y4505-12	250									-13.3	1308.5	362.0	Y5001-10	400										
			-20.0	739.4	297.9	Y5003-12	355									-20.0	1298.4	514.9	Y5005-10	630										
			-26.7	731.1	384.8	Y5005-12	450									-26.7	1288.6	664.7	Y5602-10	800										
			-33.3	722.9	470.7	Y5602-12	560									-33.3	1278.9	812.9	Y5603-10	900										
	590	938.3	-40.0	714.1	558.3	Y5603-12	630												-46.7	1029.3			928.3	Y6304-12	1000					
			-46.7	704.5	646.9	Y6301-12	710												-46.7	1257.3			1117.4	Y6303-10	1250					
			-53.3	693.9	736.8	Y6302-12	800												-46.7	863.5			778.9	Y5603-10	900					
			-13.3	748.0	209.5	Y4505-12	250												-53.3	852.9			887.1	Y6301-10	1000					
			-20.0	739.4	297.9	Y5003-12	355																							

ZR7型罗茨鼓风机, ZR-W罗茨真空泵直联传动外形图

Direct drive outline drawing for Type ZR7 Rotary Blower and ZR7-W Rotary Vacuum Pump



ZR7型罗茨鼓风机, ZR7-W罗茨真空泵外形尺寸表
Outline Dimension of ZR7 Rotary Blower And ZR7-W Rotary Vacuum Pump

主机型号 Blower type	Lmax	L1	L2	L3	L4	L5	H	H1	H2	DN	D1	D	n-d
ZR7-500A (W)	5763	2655	1200	850	980	1000	1705	945	365	Φ 500	Φ 620	Φ 670	20- Φ 26
ZR7-580B (W)	5903	2795	1270	990	1120		1850	1000	420	Φ 600	Φ 725	Φ 780	20- Φ 29
ZR7-600A (W)	6023	2915	1330	1110	1240								
ZR7-700A (W)	6185	3085	1415	1280	1410	1060	1920	1060	480	Φ 700	Φ 840	Φ 895	24- Φ 29
ZR7-750A (W)	6343	3235	1490	1440	1560								
ZR7-800A (W)	6563	3455	1600	1600	1780		2015	1120	540	Φ 800	Φ 950	Φ 1015	24- Φ 33

配套电机尺寸表
Outline Dimension of Mating Motor

电机型号 Motor type 尺寸 Size	Y355*		JS127*	JS138*	JS158-10	JS1510-12	Y450- ¹⁰ ₁₂ YKK450-12	Y500- ¹⁰ ₁₂	Y560- ¹⁰ ₁₂	Y630- ¹⁰ ₁₂
	M	L								
A	610		710	790	1100	1100	800	900	1000	1120
B	560	630	650	760	820	1020	1120	1250	1400	1600
h	355		450	500	630	630	450	500	560	630
L6	1209		1278	1293	1318	1327	1395	1510	1585	1615
L6(ZR7-800A(W)用)	1234		1303	1318	1343	1352	1420	1535	1610	1640
MXL	M24X400		M24X400		M36X800		M30X630	M36X800		M42X1000

注: 1. 湿式罗茨真空泵不宜输送水溶性、腐蚀性气体。

2. *表示380V低压电机, 其余为6000V高压电机。频率50Hz。

Note: 1. Water-dissoluble or corrosive gas should not be transferred by wet roots vacuum pump.

2. 380V voltage for types marked with "4"; 6000V high voltage for others. Frequency 50Hz.

注：* 表示380V低压电机，其余为6000V高压电机。

Note: Items marked with "*" are 380V voltage motors, others are motor with 6000V high-voltage.

冷却水温度 $\leq 25^{\circ}\text{C}$ ，冷却水压力196~294kPa，冷却水流量30L/min，当升压 $\leq 49\text{kPa}$ 时，不需要水冷却。

Cooling water temperature: $\leq 25^{\circ}\text{C}$, Cooling water pressure: 196~294kPa, Cooling water flow: 30L/min, If pressure rise $\leq 49\text{kPa}$,

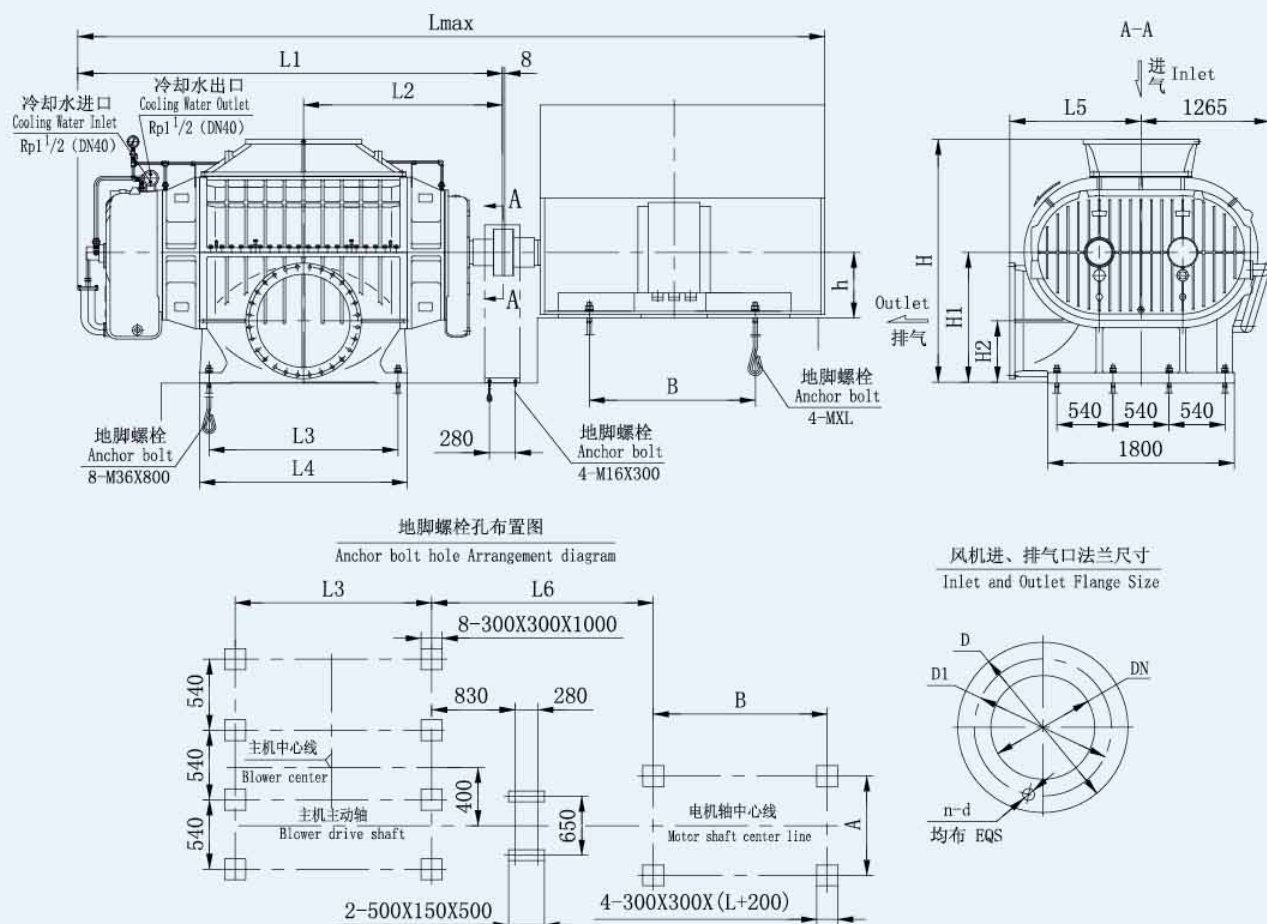
Cooling water is not needed.

ZR8型罗茨鼓风机，ZR8-W罗茨真空泵直联传动外形图

Direct drive outline drawing for Type ZR8 Rotary Blower and ZR8-W Rotary Vacuum Pump

特殊附属品

SPECIAL ACCESSORIES



ZR8型罗茨鼓风机，ZR8-W罗茨真空泵外形尺寸表

Outline Dimension of ZR8 Rotary Blower And ZR8-W Rotary Vacuum Pump

单位: mm
Unit: mm

主机型号 Blower type	Lmax	L1	L2	L3	L4	L5	H	H1	H2	DN	D1	D	n-d
ZR8-700B (W)	6575	3355	1564	1180	1360	1200	2250	1160	490	φ 700	φ 840	φ 895	24-φ 29
ZR8-800B (W)	6695	3595	1684	1420	1600	1265	2300	1210	550	φ 800	φ 950	φ 1015	24-φ 33
ZR8-900B (W)	7165	3945	1859	1820	1950	1265	2320	1230	600	φ 900	φ 1050	φ 1115	28-φ 33

配套电机尺寸表

Outline Dimension of Mating Motor

单位: mm
Unit: mm

电机型号 Motor type	Y450 YKK450	Y500	Y560	Y630	Y710
尺寸 Size					
A	800	900	1000	1120	1400
B	1120	1250	1400	1600	1800
h	450	500	560	630	710
L6	ZR8-700B(W)	1592	1707	1782	1812
	ZR8-800B(W)	1592	1707	1782	1812
	ZR8-900B(W)	1567	1682	1757	1787
MXL	M30X630	M36X800		M42X1000	M48X1000

注: 电机为6000V高压电机。

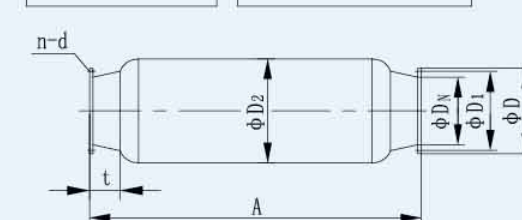
Note: motor with 6000V high-voltage.

冷却水温度≤25℃, 冷却水压力196~294kPa, 冷却水流量60L/min, 当升压≤49kPa时, 不需要水冷却。

Cooling water temperature: ≤25℃, Cooling water pressure: 196~294kPa, Cooling water flow: 60L/min, If pressure rise ≤ 49kPa,

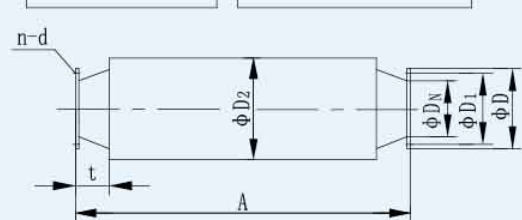
Cooling water is not needed.

KMR 型消声器 Type KMR Silencer



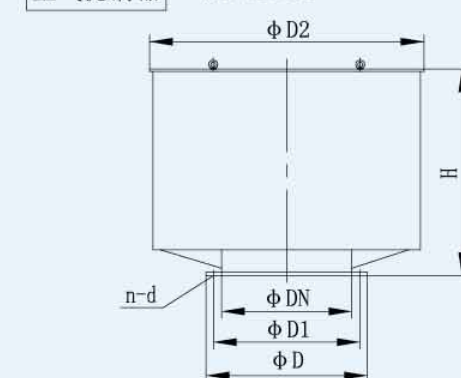
消声器型号 Type	消声器外型尺寸 Size						n-d	重量kg Weight	备注
	DN	D1	D	D2	A	t			
KMR-500	500	620	670	818	2600	240	20-φ 26	327	

KM 型消声器 Type KM Silencer



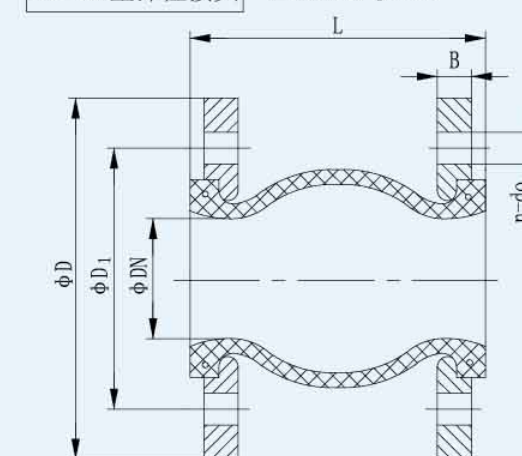
消声器型号 Type	消声器外型尺寸 Size						n-d	重量kg Weight	备注
	DN	D1	D	D2	A	t			
KM-600	600	725	780	1000	4500	110	20-φ 29	980	
KMD-700	700	840	895	1100	4500	110	24-φ 29	1230	
KMD-800-I	800	950	1015	1300	4500	150	24-φ 33	1895	用于接大气
KMD-800-D	800	950	1015	1300	4500	150	24-φ 33	2190	用于接系统
KMD-900-I	900	1050	1115	1600	4500	150	28-φ 33		用于接大气
KMD-900-D	900	1050	1115	1600	4500	150	28-φ 33		用于接系统

空气滤清器 Air Filter



滤清器型号 Type	滤清器尺寸 Size					n-d	重量kg Weight
	DN	D1	D	D2	H		
ZRL-500	500	620	670	1110	950	20-φ 26	145
ZRL-600	600	725	780	1360	1050	20-φ 29	185
ZRL-700	700	840	895	1510	1090	24-φ 29	
ZRL-800	800	950	1015	1690	1290	24-φ 33	
ZRL-900	900	1050	1115	1960	1430	28-φ 33	

KXT-III型弹性接头 Flexible Joint



公称通径 DN Nominal Bore	尺寸 Size					水平位移 Horizontal Displacement		横向位移 Lateral Displacement	偏移角度 Deflexion Angle	重量kg Weight
	L	B	D	D1	n-do	伸长 Protraction	压缩 Compression			
500 ^A	255	32	670	620	20-φ 26	16	25	22	15°	55
600 ^A	265	36	780	725	20-φ 30	16	25	22	15°	67
700 ^A	270	38	895	840	24-φ 30	16	25	22	15°	82
800 ^A	270	38	1015	950	24-φ 33	16	25	22	15°	
900 ^A	270	42	1115	1050	28-φ 33	16	25	22	15°	

完整的罗茨风机产品线
Complete blower product line

国际先进的加工设备
International Advanced Machine



流量: 0.45~1308m³/min
升压: 9.8~196kPa
介质: 空气和天然气、水蒸气
等特殊气体

罗茨鼓风机典型用户

ZR风机

- | | | | | |
|--|------------------------------------|---|--------------------------------------|--|
| 电力环保
中国华能集团
中国国电集团
中国大唐集团
中国电力投资集团 | 石油石化、环保
中石化集团
中石油集团
中海油集团 | 煤化工
晋煤集团
阳煤集团
神华集团
科研
中国原子能科学研究院 | 水泥
华新水泥集团
海螺水泥集团
江苏金山环保工程集团 | 水处理
中国城市建设研究院
上海巴安水务股份有限公司

制氧
北大先锋 |
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ZG风机



ZSH-(V)风机



SSR风机



ZL(L)风机



RR风机



ZZ风机



ZW风机



RR-K(N)风机



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