AAR

BLOWTECH

HIGH QUALITY BLOWERS

产品综合样本

CONTENTS
目录

市场竞争不同情弱者不创新突破，迎接变化 · 勇于创新

03

PARTIAL PRODUCT DISPLAY
部分产品展示

市场竞争不同情弱者不创新突破，迎接变化 · 勇于创新

AAR（普通型）

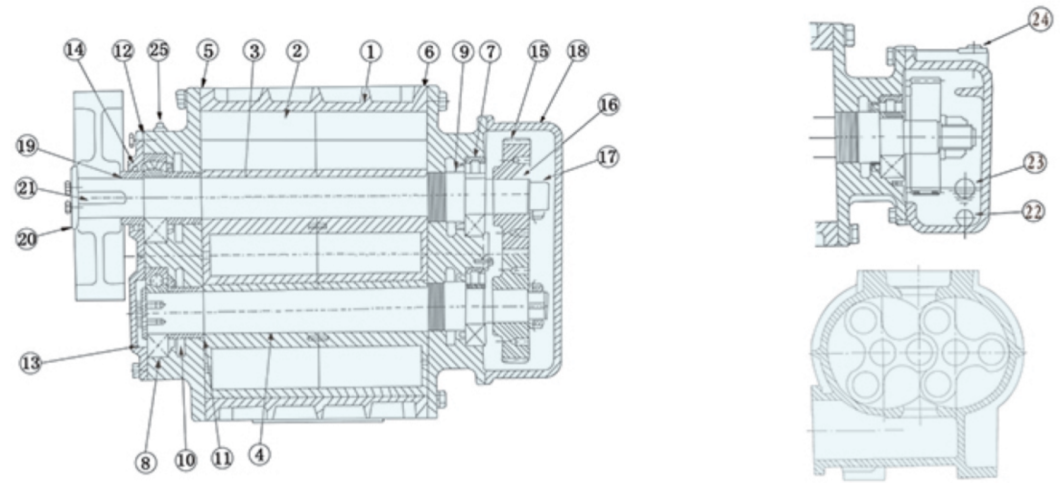
- 口径：ϕ 50– ϕ 350mm
- 流量：0.50–226m^3/min
- 压力：9.8–98kPa

AAR-V（罗茨真空泵）

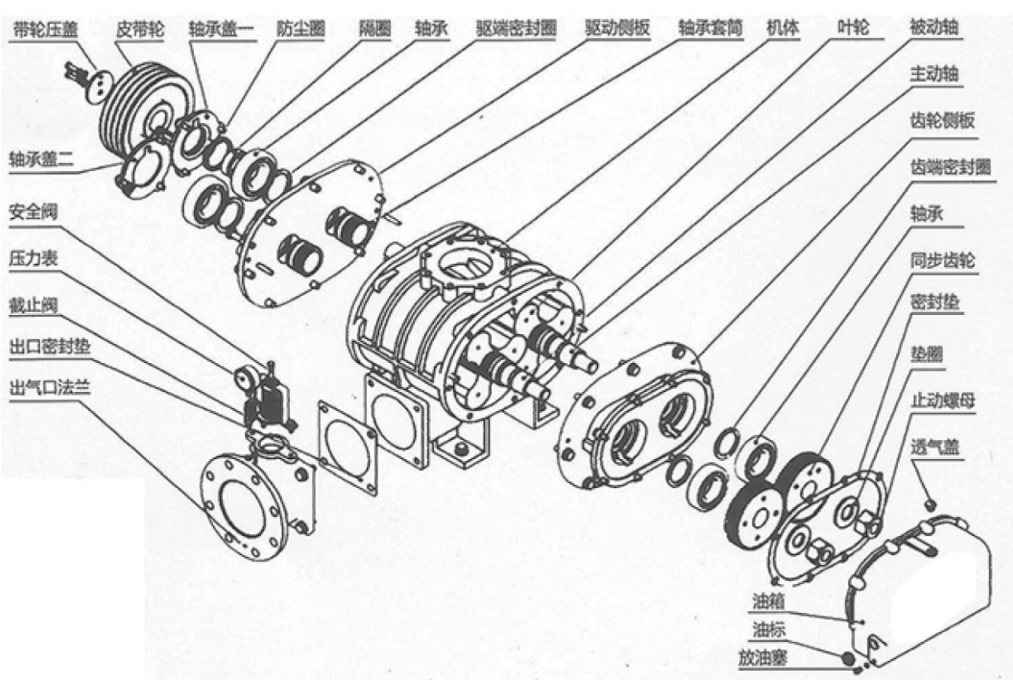
- 口径：ϕ 50– ϕ 350mm
- 流量：0.50–223m^3/min
- 压力：大气压–73.5kPa

罗茨风机构造示意图

Roots Blower Work Principle



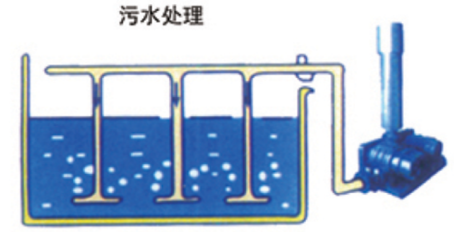
NO.	名称 Name	材质 Material	数量 Quantity	NO.	名称 Name	材质 Material	数量 Quantity	NO.	名称 Name	材质 Material	数量 Quantity
1	机壳 Casing	HT200	1	10	驱端密封圈 Stop Ring(Drive Side)	丁晴胶	2	19	轴套 Collar	45	1
2	叶轮 Impeller	HT200	2	11	轴承套筒 Berring Sleeve	45	2	20	端盖 End Plate	A3	1
3	主动轴 Drive Shaft	45	1	12	主动轴承压盖 Berring Cover（Drive 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 Berring Cover（Driven Side)	HT200	1	22	丝堵 Drain Plug	35	1
5	驱端侧板 Side Cover（Drive Side)	HT200	1	14	Z型密封圈 Z 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	SCM435	2	24	排气体 Ari Breather		1
7	从动轴承 Side Cover（Gear Side)	SUJ2	2	16	齿轮止动垫圈 Gear Lock Washer	A3	2	25	黄油杯 Grease Nipple	C3604	2
8	主动轴承 Bearign（Drive Side)	SUJ2	2	17	齿轮止动螺母 Gear Lock Nut	SS400	2	25	齿轮箱密封垫 Gear Case Packing	青稞纸	1
9	齿端密封圈 Stop Ring（Gear Side)	丁晴胶	2	18	齿轮箱 Grear Case	HT200	1				



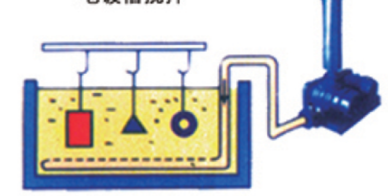
AAR 型罗茨鼓风机用途实例

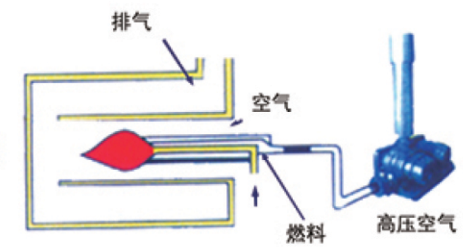
AAR type Roots blower use example

污水处理

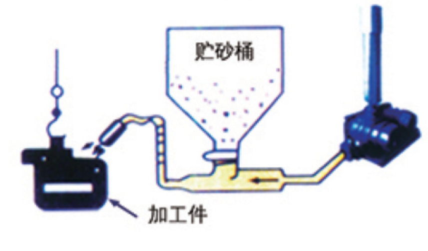


电镀槽搅拌

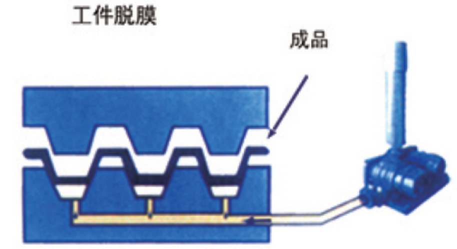




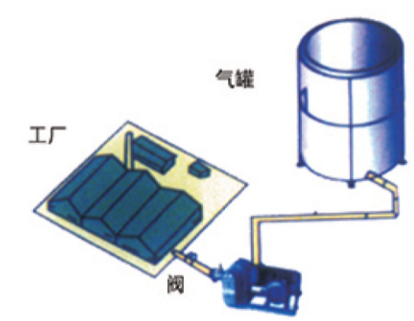
喷砂器



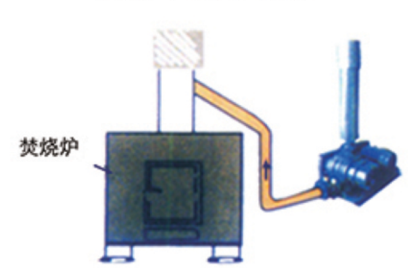
工件脱膜



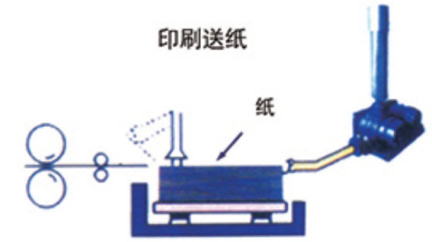
特殊气体输出



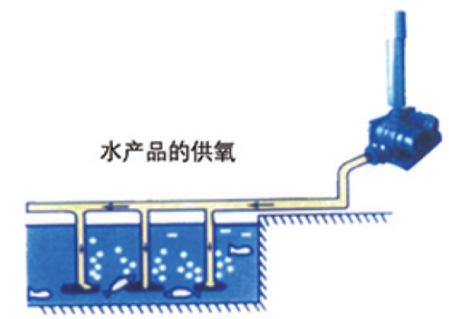
焚烧炉（冶炼、铸造）



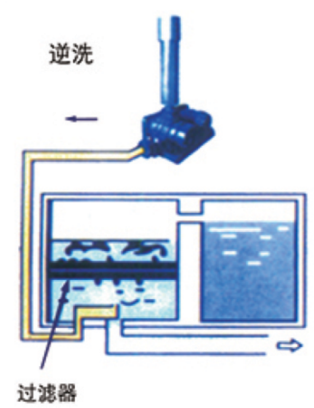
印刷送纸



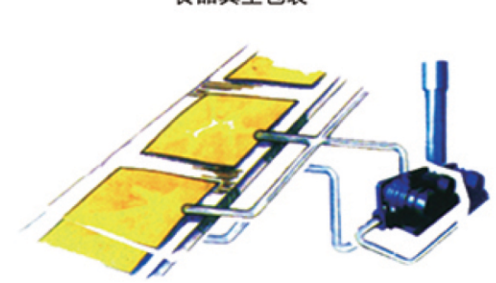
水产品的供氧



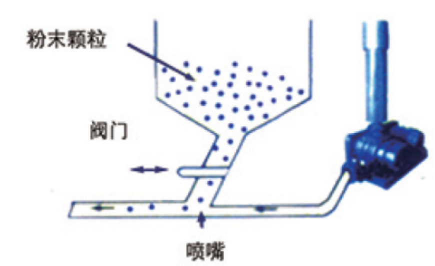
逆洗



食品真空包装



输送粉末颗粒（谷物）



AAR-S（双级串联罗茨风机）

- 流量：6.25-207m³/min
- 升压98kpa-196kpa

AAR-B（不锈钢风机）

- 材质：304、316、329
- 流量：1.5-130m³/min
- 压力：9.8-58.8kpa

HC系列(回转风机)

- 口径：ϕ20-ϕ80mm
- 流量：0.28-5.41m³/min
- 压力：0.1-0.5kgf/cm²

AAR-Z（直连罗茨风机）

- 口径：ϕ50-ϕ350mm
- 流量：0.50-226m³/min
- 压力：9.8-98kpa

AR系列（旋转供料器）

- 口径：125A-450A mm
- 容积：1.8-80.0L/rev
- 电动机：0.37-4.0kW

罗茨鼓风机工作原理 Roots Blower Work Principle

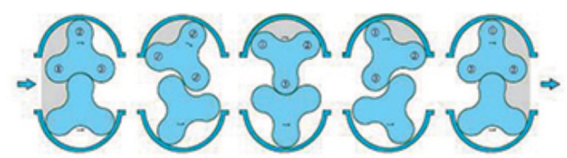
罗茨风机为容积式风机，输送的风量与转数成比例，三叶型叶轮每转动一次由两个叶轮进行三次吸、排气、与两叶型相比，气体脉动变少，机械强度高，噪音低，振动也小。

在两根平行的轴上设有两个叶轮，叶轮与椭圆形机箱内孔面几个叶轮三者之间始终保持微小的间隙，由于叶轮互为反方向匀速旋转，使箱体与叶轮所包围着的一定数量的气体由吸入的一侧输送到排出的一侧。

Roots blower is a volumetric blower, the volume of air delivered is proportional to the number of revolutions. The three-bladed impeller is suctioned and exhausted three times by two impellers each time it rotates. Compared with the two-bladed type, the gas pulsation decreases and the mechanical strength is high Low noise, vibration is small.

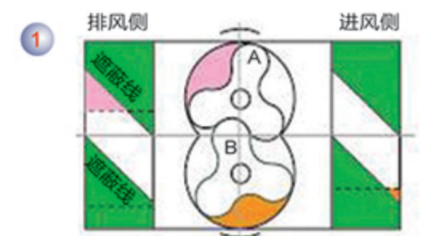
There are no two impellers on two parallel shafts. The impeller and several impellers in the oval inner surface of the oval frame keep a slight gap all the time. Since the impellers rotate at the same speed in opposite directions, the box body and the impeller are surrounded A certain amount of gas is delivered from the suction side to the discharge side.

罗茨鼓风机工作原理示意图 Schematic diagram

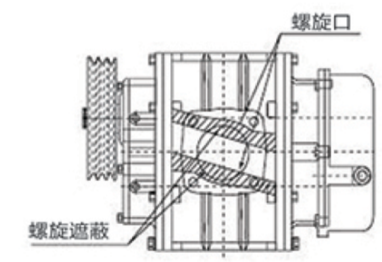


旧的罗茨鼓风机，无论两叶型、三叶型，其压缩原理是：转子顶端向排风口一线打开的瞬间，排风口的高压空气逆流于机壳之内进行压缩，这种逆流与压缩产生剧烈的压力变化形成了风机的噪声原因。本风机为消除这种因素而研究了螺旋形状。下图就本风机螺旋形状的要点进行说明。

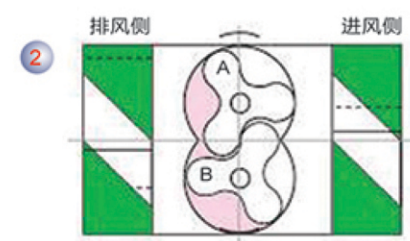
The old Roots blower, regardless of two-leaf type, three-leaf type, the compression principle is: the moment the rotor top to the vents open, the vent of the high-pressure air counterflow is expected to be compressed within the counter-current and compression Generate dramatic changes in pressure formed fan noise causes. The fan to eliminate such factors and studied the spiral shape. The following figure describes the main points of the fan spiral shape.



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。



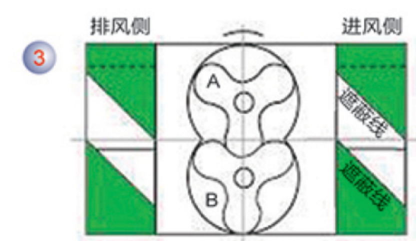
Rotor A:The suction side is open over the full lengththereof,and is about to close gradually,While,the dischargeside is open half-way by opening gradually.
Rotor B:The suction side is almost fully closed by closedby closeinggradually,While,the discharge side is notyet opend but is aboutto open.



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 triangele port is going smaller gradually along with the screen line of casing.While,discharge has already been completed at thedischarge side.

Rotor B:The suction sideis immediately before goingon to the screen line of casing.While,the discharge side is under the discharge process.where the triangle port is opning 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 fullopening by opening gradually.









AAR50 型三叶罗茨鼓风机性能参数表
AAR50 three lobe Roots blower performance parameter table

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 型号 Type	配套电机Motor 功率 Power(kW)
1100	9.8	1.22	0.30	Y80M2-4	0.75
	14.7	1.14	0.44	Y80M2-4	0.75
	19.6	1.11	0.53	Y80M2-4	0.75
	24.5	1.03	0.67	Y90S-4	1.1
	29.4	0.98	0.80	Y90S-4	1.1
	34.3	0.92	0.93	Y90S-4	1.1
	39.2	0.89	1.07	Y90L-4	1.5
	44.1	0.83	1.20	Y90L-4	1.5
	49.0	0.75	1.34	Y100L1-4	2.2
	53.9	0.70	1.54	Y100L1-4	2.2
	58.8	0.65	1.77	Y100L1-4	2.2
	63.7	0.61	2.01	Y100L2-4	3.0
	68.6	0.56	2.25	Y100L2-4	3.0
	73.5	0.52	2.49	Y100L2-4	3.0
	78.4	0.49	2.73	Y100M-4	4.0
1230	9.8	1.40	0.39	Y80M2-4	0.75
	14.7	1.30	0.50	Y80M2-4	0.75
	19.6	1.26	0.61	Y80M2-4	0.75
	24.5	1.18	0.79	Y90S-4	1.1
	29.4	1.12	0.95	Y90S-4	1.1
	34.3	1.07	1.05	Y90L-4	1.5
	39.2	1.03	1.23	Y90L-4	1.5
	44.1	0.98	1.37	Y100L1-4	2.2
	49.0	0.92	1.47	Y100L1-4	2.2
	53.9	0.88	1.65	Y100L1-4	2.2
	58.8	0.83	1.83	Y100L1-4	2.2
	63.7	0.78	2.05	Y100L2-4	3.0
	68.6	0.73	2.24	Y100L2-4	3.0
	73.5	0.69	2.49	Y100L2-4	3.0
	78.4	0.65	2.76	Y112M-4	4.0
	88.3	0.61	3.37	Y112M-4	4.0
	88.2	0.56	3.95	Y132S-4	5.5
	93.1	0.50	4.17	Y132S-4	5.5
	98.0	0.45	4.40	Y132S-4	5.5
1350	9.8	1.53	0.44	Y80M2-4	0.75
	14.7	1.45	0.61	Y80M2-4	0.75
	19.6	1.41	0.75	Y90S-4	1.1
	24.5	1.32	0.85	Y90S-4	1.1
	29.4	1.29	1.05	Y90L-4	1.1
	34.3	1.25	1.17	Y90L-4	1.5
	39.2	1.18	1.35	Y100L1-4	2.2
	44.1	1.15	1.53	Y100L1-4	2.2
	49.0	1.06	1.64	Y100L1-4	2.2
	53.9	1.03	1.80	Y100L1-4	2.2
	58.8	0.99	2.01	Y100L2-4	3.0
	63.7	0.95	2.23	Y100L2-4	3.0
	68.6	0.90	2.48	Y100L2-4	3.0
	73.5	0.86	2.76	Y112M-4	4.0
	78.4	0.81	3.06	Y112M-4	4.0
	88.3	0.78	3.40	Y112M-4	4.0
	88.2	0.69	4.01	Y132S-4	5.5
	93.1	0.65	4.32	Y132S-4	5.5
	98.0	0.61	4.65	Y132S-4	5.5
1430 *	9.8	1.66	0.50	Y80M2-4	0.75
	14.7	1.55	0.64	Y80M2-4	0.75
	19.6	1.50	0.84	Y90S-4	1.1
	24.5	1.43	0.96	Y90S-4	1.1
	29.4	1.38	1.14	Y90L-4	1.1
	34.3	1.34	1.30	Y90L-4	1.5
	39.2	1.22	1.43	Y100L1-4	2.2
	44.1	1.20	1.63	Y100L1-4	2.2
	49.0	1.17	1.76	Y100L1-4	2.2
	53.9	1.12	1.91	Y100L1-4	2.2
	58.8	1.09	2.11	Y100L2-4	3.0
1430 *	63.7	1.06	2.35	Y100L2-4	3.0
	68.6	1.01	2.61	Y112M-4	4.0
	73.5	0.97	2.90	Y112M-4	4.0
	78.4	0.93	3.23	Y112M-4	4.0
	88.3	0.90	3.68	Y132S-4	5.5
	88.2	0.87	4.05	Y132S-4	5.5
	93.1	0.81	4.48	Y132S-4	5.5
	98.0	0.72	4.81	Y132M-4	7.5
1530	9.8	1.74	0.55	Y80M2-4	0.75
	14.7	1.66	0.75	Y90S-4	1.1
	19.6	1.61	0.91	Y90S-4	1.1
	24.5	1.53	1.07	Y90L-4	1.5
	29.4	1.50	1.35	Y100L1-4	2.2
	34.3	1.45	1.41	Y100L1-4	2.2
	39.2	1.39	1.68	Y100L1-4	2.2
	44.1	1.33	1.74	Y100L1-4	2.2
	49.0	1.31	2.05	Y100L2-4	3.0
	53.9	1.28	2.12	Y100L2-4	3.0
	58.8	1.25	2.35	Y100L2-4	3.0
	63.7	1.22	2.55	Y112M-4	4.0
	68.6	1.19	2.83	Y112M-4	4.0
	73.5	1.16	3.18	Y112M-4	4.0
	78.4	1.13	3.57	Y132S-4	5.5
	88.3	1.08	3.88	Y132S-4	5.5
	88.2	0.96	4.20	Y132S-4	5.5
	93.1	0.90	4.61	Y132S-4	5.5
	98.0	0.85	5.10	Y132M-4	7.5
1640	9.8	1.89	0.64	Y90S-4	1.1
	14.7	1.79	0.81	Y90S-4	1.1
	19.6	1.74	1.02	Y90L-4	1.5
	24.5	1.71	1.15	Y90L-4	1.5
	29.4	1.65	1.46	Y100L1-4	2.2
	34.3	1.61	1.54	Y100L1-4	2.2
	39.2	1.56	1.82	Y100L1-4	2.2
	44.1	1.52	1.88	Y100L1-4	2.2
	49.0	1.48	2.23	Y100L2-4	3.0
	53.9	1.43	2.28	Y100L2-4	3.0
	58.8	1.40	2.60	Y100L2-4	3.0
	63.7	1.38	2.75	Y112M-4	4.0
	68.6	1.35	3.16	Y112M-4	4.0
	73.5	1.32	3.32	Y112M-4	4.0
	78.4	1.29	3.89	Y132S-4	5.5
1730	9.8	2.00	0.72	Y90S-4	1.1
	14.7	1.91	0.95	Y90L-4	1.5
	19.6	1.86	1.14	Y90L-4	1.5
	24.5	1.82	1.25	Y100L1-4	2.2
	29.4	1.78	1.55	Y100L1-4	2.2
	34.3	1.73	1.68	Y100L1-4	2.2
	39.2	1.68	1.97	Y100L2-4	3.0
	44.1	1.64	2.03	Y100L2-4	3.0
	49.0	1.60	2.35	Y100L2-4	3.0
	53.9	1.57	2.47	Y100L2-4	3.0
	58.8	1.53	2.73	Y112M-4	4.0
1840	9.8	2.13	0.80	Y90S-4	1.1
	14.7	2.09	1.03	Y90L-4	1.5
	19.6	2.05	1.23	Y90L-4	1.5
	24.5	1.99	1.39	Y100L1-4	2.2
	29.4	1.93	1.68	Y100L1-4	2.2
	34.3	1.87	1.79	Y100L1-4	2.2
	39.2	1.82	2.01	Y100L2-4	3.0
	44.1	1.78	2.25	Y100L2-4	3.0
	49.0	1.75	2.56	Y100L2-4	3.0

AAR65 型三叶罗茨鼓风机性能参数表
AAR65 three lobe Roots blower performance parameter table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor 型号 Type	配套电机Motor 功率 Power(kW)
1100	9.8	1.68	0.39	Y80M2-4	0.75
	14.7	1.55	0.63	Y90S-4	1.1
	19.6	1.50	0.82	Y90S-4	1.1
	24.5	1.42	1.02	Y90L-4	1.5
	29.4	1.34	1.18	Y90L-4	1.5
	34.3	1.23	1.37	Y100L1-4	2.2
	39.2	1.15	1.55	Y100L1-4	2.2
	44.1	1.10	1.74	Y100L1-4	2.2
	49.0	1.05	1.93	Y100L2-4	3.0
	53.9	0.99	2.12	Y100L2-4	3.0
	58.8	0.94	2.32	Y100L2-4	3.0
	63.7	0.89	2.52	Y100L2-4	3.0
	68.6	0.85	2.86	Y112M-4	4.0
	73.5	0.80	3.22	Y112M-4	4.0
	78.4	0.76	3.58	Y132S-4	5.5
1240	9.8	1.94	0.48	Y80M2-4	0.75
	14.7	1.84	0.72	Y90S-4	1.1
	19.6	1.75	0.94	Y90L-4	1.5
	24.5	1.63	1.14	Y90L-4	1.5
	29.4	1.55	1.35	Y100L1-4	2.2
	34.3	1.50	1.55	Y100L1-4	2.2
	39.2	1.45	1.76	Y100L1-4	2.2
	44.1	1.35	1.94	Y100L2-4	3.0
	49.0	1.31	2.12	Y100L2-4	3.0
	53.9	1.25	2.40	Y100L2-4	3.0
	58.8	1.19	2.61	Y100L2-4	3.0
	63.7	1.13	2.89	Y112M-4	4.0
	68.6	1.08	3.17	Y112M-4	4.0
	73.5	1.03	3.49	Y112M-4	4.0
	78.4	0.98	3.84	Y132S-4	5.5
	88.3	0.93	4.20	Y132S-4	5.5
	88.2	0.88	4.56	Y132S-4	5.5
	93.1	0.83	4.92	Y132M-4	7.5
	98.0	0.78	5.28	Y132M-4	7.5
1360	9.8	2.16	0.56	Y90S-4	1.1
	14.7	2.08	0.83	Y90L-4	1.5
	19.6	1.95	1.06	Y90L-4	1.5
	24.5	1.87	1.26	Y90L-4	1.5
	29.4	1.81	1.50	Y100L1-4	2.2
	34.3	1.75	1.73	Y100L1-4	2.2
	39.2	1.68	1.96	Y100L2-4	3.0
	44.1	1.62	2.20	Y100L2-4	3.0
	49.0	1.56	2.33	Y100L2-4	3.0
	53.9	1.51	2.33	Y100L2-4	3.0
	58.8	1.45	2.87	Y112M-4	4.0
	63.7	1.39	3.08	Y112M-4	4.0
	68.6	1.34	3.42	Y112M-4	4.0
	73.5	1.28	3.76	Y132S-4	5.5
	78.4	1.23	4.13	Y132S-4	5.5
	88.3	1.17	4.40	Y132S-4	5.5
	88.2	1.12	4.75	Y132S-4	5.5
	93.1	1.06	5.11	Y132M-4	7.5
	98.0	1.01	5.47	Y132M-4	7.5
1440 *	9.8	2.31	0.63	Y90S-4	1.1
	14.7	2.24	0.85	Y90S-4	1.1
	19.6	2.16	1.14	Y90L-4	1.5
	24.5	2.08	1.36	Y100L1-4	2.2
	29.4	2.01	1.62	Y100L1-4	2.2
	34.3	1.94	1.83	Y100L1-4	2.2
	39.2	1.88	2.12	Y100L2-4	3.0
	44.1	1.82	2.34	Y100L2-4	3.0
	49.0	1.78	2.56	Y100L2-4	3.0
	53.9	1.70	2.78	Y112M-4	3.0
	58.8	1.65	3.03	Y112M-4	4.0
	63.7	1.60	3.35	Y112M-4	4.0
	68.6	1.55	3.68	Y132S-4	5.5
	73.5	1.51	4.05	Y132S-4	5.5
	78.4	1.46	4.45	Y132S-4	5.5
	88.3	1.41	4.85	Y132M-4	7.5
	88.2	1.35	5.20	Y132M-4	7.5
	93.1	1.29	5.56	Y132M-4	7.5
	98.0	1.23	5.92	Y132M-4	7.5
1530	9.8	2.44	0.70	Y90S-4	0.75
	14.7	2.35	0.98	Y90L-4	1.5
	19.6	2.28	1.22	Y90L-4	1.5
	24.5	2.23	1.47	Y100L1-4	2.2
	29.4	2.15	1.70	Y100L1-4	2.2
	34.3	2.09	1.95	Y100L2-4	3.0
	39.2	2.04	2.27	Y100L2-4	3.0
	44.1	1.97	2.52	Y100L2-4	3.0
	49.0	1.92	2.74	Y112M-4	4.0
	53.9	1.86	2.96	Y112M-4	4.0
	58.8	1.80	3.22	Y112M-4	4.0
	63.7	1.74	3.50	Y132S-4	5.5
	68.6	1.69	3.80	Y132S-4	5.5
	73.5	1.64	4.14	Y132S-4	5.5
	78.4	1.59	4.49	Y132S-4	5.5
	88.3	1.53	5.10	Y132M-4	7.5
	88.2	1.48	5.40	Y132M-4	7.5
	93.1	1.42	5.71	Y132M-4	7.5
	98.0	1.37	6.05	Y132M-4	7.5
1640	9.8	2.66	0.80	Y90S-4	1.1
	14.7	2.59	1.05	Y90L-4	1.5
	19.6	2.51	1.35	Y100L1-4	2.2
	24.5	2.44	1.62	Y100L1-4	2.2
	29.4	2.38	1.85	Y100L1-4	2.2
	34.3	2.32	2.15	Y100L2-4	3.0
	39.2	2.26	2.48	Y100L2-4	3.0
	44.1	2.20	2.75	Y112M-4	4.0
	49.0	2.14	2.93	Y112M-4	4.0
	53.9	2.08	3.24	Y112M-4	4.0
	58.8	2.03	3.46	Y112M-4	4.0
	63.7	1.98	3.74	Y132S-4	5.5
	68.6	1.92	4.06	Y132S-4	5.5
	73.5	1.86	4.42	Y132S-4	5.5
	78.4	1.81	4.80	Y132S-4	5.5
1740	9.8	2.88	0.89	Y90L-4	1.5
	14.7	2.78	1.20	Y90L-4	1.5
	19.6	2.71	1.45	Y100L1-4	2.2
	24.5	2.64	1.76	Y100L2-4	3.0
	29.4	2.58	2.02	Y100L2-4	3.0
	34.3	2.53	2.32	Y100L2-4	3.0
	39.2	2.48	2.66	Y112M-4	4.0
	44.1	2.41	2.96	Y112M-4	4.0
	49.0	2.34	3.18	Y112M-4	4.0
	53.9	2.28	3.47	Y112M-4	4.0
	58.8	2.23	3.72	Y132S-4	5.5
1820	9.8	3.00	0.96	Y90L-4	1.5
	14.7	2.93	1.25	Y90L-4	1.5
	19.6	2.85	1.54	Y100L1-4	2.2
	24.5	2.78	1.88	Y100L1-4	2.2
	29.4	2.72	2.15	Y100L2-4	3.0
	34.3	2.68	2.44	Y100L2-4	3.0
	39.2	2.72	2.75	Y112M-4	4.0
	44.1	2.56	3.12	Y112M-4	4.0
	49.0	2.50	3.35	Y112M-4	4.0

AAR80 型三叶罗茨鼓风机性能参数表
AAR80 three lobe Roots blower performance parameter table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor 型号 Type	配套电机Motor 功率 Power(kW)
1140	9.8	3.09	1.04	Y100L1-4	2.2
	14.7	3.02	1.34	Y100L1-4	2.2
	19.6	2.92	1.62	Y100L1-4	2.2
	24.5	2.82	1.95	Y100L2-4	3.0
	29.4	2.75	2.12	Y100L2-4	3.0
	34.3	2.68	2.45	Y100L2-4	3.0
	39.2	2.59	2.72	Y112M-4	4.0
	44.1	2.52	3.06	Y112M-4	4.0
	49.0	2.45	3.40	Y112M-4	4.0
	53.9	2.38	3.74	Y132S-4	5.5
	58.8	2.34	4.08	Y132S-4	5.5
	63.7	2.27	4.42	Y132S-4	5.5
	68.6	2.20	4.76	Y132S-4	5.5
	73.5	2.14	5.10	Y132M-4	7.5
	78.4	2.07	5.44	Y132M-4	7.5
	88.3	2.01	5.78	Y132M-4	7.5
	88.2	1.96	6.12	Y132M-4	7.5
	93.1	1.89	6.46	Y132M-4	7.5
	98.0	1.82	6.80	Y160M-4	11
1230	9.8	3.37	1.14	Y100L1-4	2.2
	14.7	3.26	1.44	Y100L1-4	2.2
	19.6	3.16	1.75	Y100L1-4	2.2
	24.5	3.09	2.04	Y100L2-4	3.0
	29.4	3.04	2.33	Y100L2-4	3.0
	34.3	2.95	2.63	Y112M-4	4.0
	39.2	2.88	2.96	Y112M-4	4.0
	44.1	2.80	3.30	Y112M-4	4.0
	49.0	2.74	3.55	Y132S-4	5.5
	53.9	2.65	4.03	Y132S-4	5.5
	58.8	2.60	4.40	Y132S-4	5.5
	63.7	2.52	4.77	Y132S-4	5.5
	68.6	2.45	5.13	Y132M-4	7.5
	73.5	2.37	5.50	Y132M-4	7.5
	78.4	2.30	5.87	Y132M-4	7.5
	88.3	2.25	6.23	Y132M-4	7.5
	88.2	2.19	6.60	Y132M-4	7.5
	93.1	2.12	6.97	Y160M-4	11
	98.0	2.06	7.33	Y160M-4	11
1300	9.8	3.59	1.22	Y100L1-4	2.2
	14.7	3.50	1.55	Y100L1-4	2.2
	19.6	3.42	1.86	Y100L1-4	2.2
	24.5	3.35	2.23	Y100L2-4	3.0
	29.4	3.28	2.53	Y100L2-4	3.0
	34.3	3.22	2.85	Y112M-4	4.0
	39.2	3.14	3.16	Y112M-4	4.0
	44.1	3.05	3.49	Y112M-4	4.0
	49.0	2.98	3.88	Y132S-4	5.5
	53.9	2.92	4.26	Y132S-4	5.5
	58.8	2.86	4.65	Y132S-4	5.5
	63.7	2.77	5.04	Y132M-4	7.5
	68.6	2.69	5.43	Y132M-4	7.5
	73.5	2.61	5.81	Y132M-4	7.5
	78.4	2.53	6.20	Y132M-4	7.5
	88.3	2.48	6.59	Y160M-4	11
	88.2	2.40	6.98	Y160M-4	11
	93.1	2.34	7.36	Y160M-4	11
	98.0	2.28	7.75	Y160M-4	11
1360	9.8	3.77	1.29	Y100L1-4	2.2
	14.7	3.67	1.65	Y100L1-4	2.2
	19.6	3.58	1.97	Y100L2-4	3.0
	24.5	3.51	2.35	Y100L2-4	3.0
	29.4	3.44	2.62	Y100L2-4	3.0
	34.3	3.35	2.97	Y112M-4	4.0
	39.2	3.28	3.33	Y112M-4	4.0
	44.1	3.20	3.65	Y132S-4	5.5
	49.0	3.14	4.05	Y132S-4	5.5
	53.9	3.07	4.46	Y132S-4	5.5
	58.8	3.01	4.87	Y132M-4	7.5
	63.7	2.95	5.27	Y132M-4	7.5
	68.6	2.86	5.68	Y132M-4	7.5
	73.5	2.77	6.08	Y132M-4	7.5
	78.4	2.69	6.52	Y132M-4	7.5
	88.3	2.62	6.89	Y160M-4	11
	88.2	2.57	7.30	Y160M-4	11
	93.1	2.49	7.70	Y160M-4	11
	98.0	2.42	8.11	Y160M-4	11
1440 *	9.8	4.06	1.40	Y100L1-4	2.2
	14.7	3.90	1.80	Y100L1-4	2.2
	19.6	2.78	2.12	Y100L2-4	3.0
	24.5	2.67	2.53	Y100L2-4	3.0
	29.4	3.58	3.11	Y112M-4	4.0
	34.3	3.50	3.22	Y112M-4	4.0
	39.2	3.42	3.80	Y132S-4	5.5
	44.1	3.34	3.91	Y132S-4	5.5
	49.0	3.27	4.29	Y132S-4	5.5
	53.9	3.20	4.72	Y132S-4	5.5
	58.8	3.14	5.35	Y132M-4	7.5
	63.7	3.07	5.67	Y132M-4	7.5
	68.6	3.00	6.06	Y132M-4	7.5
	73.5	2.92	6.44	Y132M-4	7.5
	78.4	2.84	6.89	Y160M-4	11
	88.3	2.78	7.30	Y160M-4	11
	88.2	2.65	7.73	Y160M-4	11
	93.1	2.60	8.16	Y160M-4	11
	98.0	2.55	8.59	Y160M-4	11
1560	9.8	4.28	1.52	Y100L1-4	2.2
	14.7	4.19	1.95	Y100L2-4	3
	19.6	4.11	2.34	Y100L2-4	3
	24.5	4.03	2.76	Y112M-4	4
	29.4	3.95	3.38	Y112M-4	4
	34.3	3.88	3.46	Y112M-4	4
	39.2	3.81	4.15	Y132S-4	5.5
	44.1	3.73	4.41	Y132S-4	5.5
	49.0	3.65	4.97	Y132M-4	7.5
	53.9	3.58	5.25	Y132M-4	7.5
	58.8	3.52	5.77	Y132M-4	7.5
	63.7	3.44	6.17	Y132M-4	7.5
	68.6	3.37	6.57	Y160M-4	11
	73.5	3.30	6.98	Y160M-4	11
	78.4	3.21	7.44	Y160M-4	11
	88.3	3.18	7.40	Y160M-4	11
	88.2	3.15	7.70	Y160M-4	11
	93.1	3.10	8.12	Y160M-4	11
	98.0	3.07	8.35	Y160M-4	11
1650	9.8	4.66	1.62	Y100L1-4	2.2
	14.7	4.55	2.13	Y100L2-4	3
	19.6	4.45	2.52	Y100L2-4	3
	24.5	4.43	2.94	Y112M-4	4
	29.4	4.36	3.53	Y132S-4	5.5
	34.3	4.28	3.75	Y132S-4	5.5
	39.2	4.20	4.46	Y132S-4	5.5
	44.1	4.12	4.74	Y132S-4	5.5
	49.0	4.05	5.32	Y132M-4	7.5
	53.9	3.98	5.62	Y132M-4	7.5
	58.8	3.92	6.13	Y132M-4	7.5
	63.7	3.73	6.55	Y132M-4	7.5
	68.6	3.65	7.02	Y160M-4	11
	73.5	3.59	7.45	Y160M-4	11
	78.4	3.48	7.73	Y160M-4	11
1730	9.8	4.90	1.77	Y100L2-4	3
	14.7	4.80	2.25	Y100L2-4	3
	19.6	4.75	2.66	Y112M-4	4
	24.5	4.69	3.05	Y112M-4	4
	29.4	4.60	3.54	Y132S-4	5.5
	34.3	4.51	3.94	Y132S-4	5.5
	39.2	4.42	4.65	Y132S-4	5.5
	44.1	4.33	4.82	Y132M-4	7.5
	49.0	4.25	5.55	Y132M-4	7.5
	53.9	4.17	5.72	Y132M-4	7.5
	58.8	4.09	6.45	Y132M-4	7.5
1820	9.8	5.22	1.88	Y100L2-4	3
	14.7	5.12	2.35	Y100L2-4	3
	19.6	5.02	2.82	Y112M-4	4
	24.5	4.94	3.25	Y112M-4	4
	29.4	4.88	3.95	Y132S-4	5.5
	34.3	4.81	4.13	Y132S-4	5.5
	39.2	4.74	4.95	Y132M-4	7.5
	44.1	4.65	5.06	Y132M-4	7.5
	49.0	4.58	5.85	Y132M-4	7.5
	53.9	4.52	6.04	Y132M-4	7.5
	58.8	4.45	6.84	Y160M-4	11

AAR100 型三叶罗茨鼓风机性能参数表
AAR100 three lobe Roots blower performance parameter table

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 型号 Type	配套电机Motor 功率 Power(kW)
1060	9.8	4.57	1.35	Y100L2-4	3.0
	14.7	4.42	1.83	Y100L2-4	3.0
	19.6	4.26	2.25	Y100L2-4	3.0
	24.5	4.07	2.72	Y112M-4	4.0
	29.4	3.93	3.12	Y112M-4	4.0
	34.3	3.84	3.55	Y132S-4	5.5
	39.2	3.72	4.02	Y132S-4	5.5
	44.1	3.57	4.47	Y132S-4	5.5
	49.0	3.46	4.97	Y132M-4	7.5
	53.9	3.35	5.46	Y132M-4	7.5
	58.8	3.25	5.96	Y132M-4	7.5
	63.7	3.17	6.46	Y132M-4	7.5
	68.6	3.09	6.95	Y160M-4	11
	73.5	3.01	7.51	Y160M-4	11
	78.4	2.94	8.17	Y160M-4	11
	88.3	2.87	8.53	Y160M-4	11
	88.2	2.79	8.89	Y160M-4	11
	93.1	2.72	9.25	Y160M-4	11
	98.0	2.65	9.93	Y160L-4	15
1140	9.8	4.98	1.53	Y100L2-4	3.0
	14.7	4.82	2.03	Y100L2-4	3.0
	19.6	4.67	2.44	Y100L2-4	3.0
	24.5	4.52	2.94	Y112M-4	4.0
	29.4	4.38	3.43	Y112M-4	4.0
	34.3	4.25	3.93	Y132S-4	5.5
	39.2	4.14	4.35	Y132S-4	5.5
	44.1	4.03	4.86	Y132M-4	7.5
	49.0	3.92	5.35	Y132M-4	7.5
	53.9	3.83	5.87	Y132M-4	7.5
	58.8	3.73	6.41	Y132M-4	7.5
	63.7	3.65	6.94	Y160M-4	11
	68.6	3.58	7.51	Y160M-4	11
	73.5	3.51	8.15	Y160M-4	11
	78.4	3.44	8.66	Y160M-4	11
	88.3	3.65	9.08	Y160M-4	11
	88.2	3.60	9.61	Y160M-4	11
	93.1	3.54	10.15	Y160L-4	15
	98.0	3.48	10.68	Y160L-4	15
1220	9.8	5.36	1.69	Y100L2-4	3.0
	14.7	5.15	2.22	Y100L2-4	3.0
	19.6	5.01	2.72	Y112M-4	4.0
	24.5	4.87	3.23	Y112M-4	4.0
	29.4	4.75	3.73	Y132S-4	5.5
	34.3	4.63	3.22	Y132S-4	5.5
	39.2	4.55	4.47	Y132S-4	5.5
	44.1	4.44	5.27	Y132M-4	7.5
	49.0	4.35	5.78	Y132M-4	7.5
	53.9	4.25	6.35	Y132M-4	7.5
	58.8	4.15	6.92	Y160M-4	11
	63.7	4.06	7.52	Y160M-4	11
	68.6	3.98	8.18	Y160M-4	11
	73.5	3.90	8.88	Y160M-4	11
	78.4	3.83	9.65	Y160M-4	11
	88.3	3.75	10.10	Y160L-4	15
	88.2	3.68	10.40	Y160L-4	15
	93.1	3.61	10.86	Y160L-4	15
	98.0	3.54	11.43	Y160L-4	15
1310	9.8	5.75	1.88	Y100L2-4	3.0
	14.7	5.60	2.43	Y100L2-4	3.0
	19.6	5.46	2.94	Y112M-4	4.0
	24.5	5.34	3.52	Y132S-4	5.5
	29.4	5.15	4.03	Y132S-4	5.5
	34.3	5.05	4.63	Y132S-4	5.5
	39.2	4.93	5.16	Y132M-4	7.5
	44.1	4.86	5.77	Y132M-4	7.5
	49.0	4.73	6.33	Y132M-4	7.5
	53.9	4.66	6.95	Y160M-4	11
	58.8	4.53	7.45	Y160M-4	11
	63.7	4.43	8.15	Y160M-4	11

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 型号 Type	配套电机Motor 功率 Power(kW)
1310	68.6	4.35	8.75	Y160M-4	11
	73.5	4.26	9.62	Y160M-4	11
	78.4	4.18	10.56	Y160L-4	15
	88.3	4.10	10.82	Y160L-4	15
	88.2	4.03	11.50	Y160L-4	15
	93.1	3.96	11.71	Y160L-4	15
	98.0	3.87	12.27	Y160L-4	15
1460 *	9.8	6.53	2.18	Y100L2-4	3
	14.7	6.38	2.75	Y112M-4	4
	19.6	6.27	3.42	Y112M-4	4
	24.5	6.13	3.95	Y132S-4	5.5
	29.4	6.02	4.64	Y132S-4	5.5
	34.3	5.87	5.22	Y132M-4	7.5
	39.2	5.75	5.85	Y132M-4	7.5
	44.1	5.66	6.54	Y132M-4	7.5
	49.0	5.56	7.13	Y160M-4	11
	53.9	5.45	7.76	Y160M-4	11
	58.8	5.36	8.43	Y160M-4	11
	63.7	5.28	9.23	Y160M-4	11
	68.6	5.19	9.85	Y160L-4	15
	73.5	5.10	10.44	Y160L-4	15
	78.4	4.99	10.94	Y160L-4	15
	88.3	4.92	11.63	Y160L-4	15
	88.2	4.83	12.31	Y160L-4	15
	93.1	4.74	12.30	Y160L-4	15
	98.0	4.65	12.75	Y160L-4	15
1540	9.8	6.91	2.40	Y100L2-4	3
	14.7	6.79	3.04	Y112M-4	4
	19.6	6.63	3.66	Y132S-4	5.5
	24.5	6.55	4.32	Y132S-4	5.5
	29.4	6.42	4.95	Y132M-4	7.5
	34.3	6.30	5.65	Y132M-4	7.5
	39.2	6.17	6.32	Y132M-4	7.5
	44.1	6.07	6.97	Y160M-4	11
	49.0	5.97	7.64	Y160M-4	11
	53.9	5.89	8.35	Y160M-4	11
	58.8	5.78	9.02	Y160M-4	11
	63.7	5.70	9.75	Y160M-4	11
	68.6	5.64	10.46	Y160L-4	15
	73.5	5.55	11.12	Y160L-4	15
	78.4	5.43	11.96	Y160L-4	15
1680	9.8	7.63	2.78	Y112M-4	4
	14.7	7.48	3.45	Y112M-4	4
	19.6	7.39	4.15	Y132S-4	5.5
	24.5	7.26	4.92	Y132M-4	7.5
	29.4	7.15	5.64	Y132M-4	7.5
	34.3	7.04	6.33	Y132M-4	7.5
	39.2	6.90	7.10	Y160M-4	11
	44.1	6.84	7.85	Y160M-4	11
	49.0	6.71	8.53	Y160M-4	11
	53.9	6.65	9.32	Y160M-4	11
	58.8	6.53	10.05	Y160L-4	15
	63.7	6.44	10.77	Y160L-4	15
	68.6	6.35	11.53	Y160L-4	15
	73.5	6.25	12.21	Y160L-4	15
	78.4	6.16	13.63	Y160L-4	15
1780	9.8	8.05	3.08	Y132S-4	5.5
	14.7	7.94	3.83	Y132S-4	5.5
	19.6	7.86	4.58	Y132S-4	5.5
	24.5	7.75	5.35	Y132M-4	7.5
	29.4	7.64	6.13	Y132M-4	7.5
	34.3	7.54	6.84	Y160M-4	11
	39.2	7.44	7.65	Y160M-4	11
	44.1	7.34	8.45	Y160M-4	11
	49.0	7.25	9.13	Y160M-4	11
	53.9	7.16	9.95	Y160M-4	11
	58.8	7.04	10.73	Y160L-4	15
	63.7	6.95	11.52	Y160L-4	15
	68.6	6.87	12.34	Y160L-4	15
	73.5	6.83	13.07	Y160L-4	15
	78.4	6.75	13.44	Y160L-4	15

AAR125 型三叶罗茨鼓风机性能参数表
AAR125 three lobe Roots blower performance parameter table

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 型号 Type	配套电机Motor 功率 Power(kW)
980 *	9.8	6.50	1.65	Y100L2-4	3
	14.7	6.32	2.25	Y112M-4	4
	19.6	6.13	2.83	Y132S-4	5.5
	24.5	6.03	3.42	Y132S-4	5.5
	29.4	5.93	4.12	Y132S-4	5.5
	34.3	5.80	4.73	Y132S-4	5.5
	39.2	5.73	5.42	Y132M-4	7.5
	44.1	5.62	6.13	Y132M-4	7.5
	49.0	5.58	6.72	Y160M-4	11
	53.9	5.45	7.22	Y160M-4	11
	58.8	5.35	8.03	Y160M-4	11
	63.7	5.24	8.92	Y160M-4	11
	68.6	5.14	9.81	Y160M-4	11
	73.5	5.04	10.89	Y160L-4	15
	78.4	4.93	12.10	Y160L-4	15
	88.3	4.86	13.20	Y160L-4	15
	88.2	4.78	14.10	Y180M-4	18.5
	93.1	4.71	15.30	Y180M-4	18.5
	98.0	4.64	16.40	Y180M-4	18.5
1050	9.8	6.95	1.90	Y100L2-4	3
	14.7	6.75	2.53	Y112M-4	4
	19.6	6.65	3.13	Y132S-4	5.5
	24.5	6.52	3.83	Y132S-4	5.5
	29.4	6.45	4.55	Y132S-4	5.5
	34.3	6.32	5.22	Y132M-4	7.5
	39.2	6.20	5.93	Y132M-4	7.5
	44.1	6.13	6.63	Y160M-4	11
	49.0	6.05	7.32	Y160M-4	11
	53.9	5.93	7.93	Y160M-4	11
	58.8	5.83	8.73	Y160M-4	11
	63.7	5.54	9.71	Y160M-4	11
	68.6	5.43	10.78	Y160L-4	15
	73.5	5.32	11.98	Y160L-4	15
	78.4	5.21	13.01	Y160L-4	15
	88.3	5.11	14.08	Y180M-4	18.5
	88.2	5.01	15.11	Y180M-4	18.5
	93.1	4.92	16.01	Y180M-4	18.5
	98.0	4.80	17.10	Y180L-4	22
1200	9.8	8.00	2.50	Y112M-4	4
	14.7	7.82	3.22	Y132S-4	5.5
	19.6	7.67	3.95	Y132S-4	5.5
	24.5	7.53	4.72	Y132S-4	5.5
	29.4	7.43	5.52	Y132M-4	7.5
	34.3	7.32	6.25	Y132M-4	7.5
	39.2	7.23	7.13	Y160M-4	11
	44.1	7.12	7.92	Y160M-4	11
	49.0	7.03	8.63	Y160M-4	11
	53.9	6.98	9.43	Y160M-4	11
	58.8	6.90	10.23	Y160L-4	15
	63.7	6.83	11.05	Y160L-4	15
	68.6	6.74	11.82	Y160L-4	15
	73.5	6.66	12.55	Y160L-4	15
	78.4	6.54	13.33	Y160L-4	15
	88.3	6.43	14.61	Y180M-4	18.5
	88.2	6.32	15.58	Y180M-4	18.5
	93.1	6.23	16.57	Y180M-4	18.5
	98.0	6.15	17.90	Y180L-4	22
1310	9.8	8.75	2.90	Y132S-4	5.5
	14.7	8.53	3.63	Y132S-4	5.5
	19.6	8.42	4.53	Y132S-4	5.5
	24.5	8.25	5.33	Y132M-4	7.5
	29.4	8.17	6.23	Y132M-4	7.5
	34.3	8.07	7.03	Y160M-4	11
	39.2	8.00	7.92	Y160M-4	11
	44.1	7.93	8.83	Y160M-4	11
	49.0	7.84	9.62	Y160M-4	11
	53.9	7.76	10.03	Y160L-4	15
	58.8	7.66	11.72	Y160L-4	15
	63.7	7.55	12.22	Y160L-4	15
	68.6	7.45	13.13	Y160L-4	15
	73.5	7.39	13.92	Y180M-4	18.5
	78.4	7.34	14.83	Y180M-4	18.5
	88.3	7.25	15.85	Y180M-4	18.5
	88.2	7.17	16.86	Y180M-4	18.5
	93.1	7.09	17.87	Y180L-4	22
	98.0	6.99	18.80	Y180L-4	22
1390	9.8	9.30	3.20	Y132S-4	5.5
	14.7	9.12	4.02	Y132S-4	5.5
	19.6	8.93	4.92	Y132M-4	7.5
	24.5	8.85	5.82	Y132M-4	7.5

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 型号 Type	配套电机Motor 功率 Power(kW)
1390	29.4	8.72	6.72	Y160M-4	11
	34.3	8.65	7.62	Y160M-4	11
	39.2	8.52	8.50	Y160M-4	11
	44.1	8.42	9.42	Y160M-4	11
	49.0	8.35	10.33	Y160L-4	15
	53.9	8.25	11.27	Y160L-4	15
	58.8	8.22	12.23	Y160L-4	15
	63.7	8.14	13.14	Y180M-4	18.5
	68.6	8.06	14.04	Y180M-4	18.5
	73.5	7.92	14.91	Y180M-4	18.5
	78.4	7.85	15.82	Y180M-4	18.5
	88.3	7.75	16.20	Y180M-4	18.5
	88.2	7.63	17.21	Y180L-4	22
	93.1	7.52	18.23	Y180L-4	22
	98.0	7.41	19.25	Y180L-4	22
1460 *	9.8	9.72	3.45	Y132S-4	5.5
	14.7	9.48	4.23	Y132S-4	5.5
	19.6	9.33	5.22	Y132M-4	7.5
	24.5	9.23	6.13	Y132M-4	7.5
	29.4	9.13	7.13	Y160M-4	11
	34.3	9.03	9.03	Y160M-4	11
	39.2	8.93	9.02	Y160M-4	11
	44.1	8.82	9.93	Y160M-4	11
	49.0	8.78	10.92	Y160L-4	15
	53.9	8.70	11.82	Y160L-4	15
	58.8	8.61	12.83	Y160L-4	15
	63.7	8.50	13.73	Y180M-4	18.5
	68.6	8.42	14.67	Y180M-4	18.5
	73.5	8.33	15.62	Y180M-4	18.5
	78.4	8.24	16.55	Y180M-4	18.5
	88.3	8.13	17.10	Y180L-4	22
	88.2	8.02	17.72	Y180L-4	22
	93.1	7.90	18.36	Y180L-4	22
	98.0	7.81	19.80	Y180L-4	22
1530	9.8	10.27	3.80	Y132S-4	5.5
	14.7	10.09	4.72	Y132S-4	5.5
	19.6	9.92	5.63	Y132M-4	7.5
	24.5	9.82	6.63	Y132M-4	7.5
	29.4	9.72	7.62	Y160M-4	11
	34.3	9.62	8.62	Y160M-4	11
	39.2	9.52	9.62	Y160M-4	11
	44.1	9.43	10.62	Y160L-4	15
	49.0	9.35	11.63	Y160L-4	15
	53.9	9.23	12.63	Y160L-4	15
	58.8	9.13	13.62	Y160L-4	15
	63.7	9.05	14.63	Y180M-4	18.5
	68.6	8.95	15.63	Y180M-4	18.5
	73.5	8.87	16.63	Y180M-4	18.5
	78.4	8.82	17.62	Y180L-4	22
1630	9.8	10.96	4.30	Y132S-4	5.5
	14.7	10.73	5.23	Y132M-4	7.5
	19.6	10.55	6.23	Y132M-4	7.5
	24.5	10.45	7.23	Y132M-4	7.5
	29.4	10.35	8.33	Y160M-4	11
	34.3	10.25	9.33	Y160M-4	11
	39.2	10.15	10.33	Y160L-4	15
	44.1	10.08	11.33	Y160L-4	15
	49.0	10.01	12.43	Y160L-4	15
	53.9	9.93	13.53	Y180M-4	18.5
	58.8	9.83	14.62	Y180M-4	18.5
	63.7	9.75	15.65	Y180M-4	18.5
	68.6	9.65	16.73	Y180L-4	22
	73.5	9.55	17.82	Y180L-4	22
	78.4	9.45	18.95	Y180L-4	22
1750	9.8	11.70	4.71	Y132M-4	7.5
	14.7	11.52	5.82	Y132M-4	7.5
	19.6	11.35	7.53	Y160M-4	11
	24.5	11.27	7.93	Y160M-4	11
	29.4	11.15	9.15	Y160M-4	11
	34.3	11.07	10.22	Y160L-4	15
	39.2	10.97	11.24	Y160L-4	15
	44.1	10.93	12.35	Y160L-4	15
	49.0	10.85	13.55	Y160L-4	15
	53.9	10.73	14.72	Y180M-4	18.5
	58.8	10.64	15.82	Y180M-4	18.5
	63.7	10.55	16.94	Y180L-4	22
	68.6	10.45	18.06	Y180L-4	22
	73.5	10.35	19.14	Y180L-4	22
	78.4	10.25	20.25	Y200L-4	30

AAR125C 型三叶罗茨鼓风机性能参数表
AAR125C three lobe Roots blower performance parameter table

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 型号 Type	配套电机Motor 功率 Power(kW)
970 *	9.8	9.30	3.20	Y112M-4	4.0
	14.7	9.10	4.00	Y132S-4	5.5
	19.6	8.90	4.85	Y132M-4	7.5
	24.5	8.70	5.81	Y132M-4	7.5
	29.4	8.55	6.70	Y160M-4	11
	34.3	8.40	7.65	Y160M-4	11
	39.2	8.20	8.50	Y160M-4	11
	44.1	8.05	9.30	Y160M-4	11
	49.0	7.90	10.10	Y160L-4	15
	53.9	7.70	11.20	Y160L-4	15
	58.8	7.50	11.80	Y160L-4	15
1050	9.8	9.87	3.30	Y112M-4	4.0
	14.7	9.58	4.20	Y132S-4	5.5
	19.6	9.41	4.86	Y132M-4	7.5
	24.5	9.25	5.76	Y132M-4	7.5
	29.4	9.11	6.69	Y160M-4	11
	34.3	8.97	7.39	Y160M-4	11
	39.2	8.83	8.50	Y160M-4	11
	44.1	8.70	9.40	Y160M-4	11
	49.0	8.56	10.30	Y160L-4	15
	53.9	8.42	11.23	Y160L-4	15
	58.8	8.30	12.14	Y160L-4	15
1200	9.8	11.38	4.00	Y132S-4	5.5
	14.7	11.20	4.70	Y132S-4	5.5
	19.6	11.05	5.52	Y132M-4	7.5
	24.5	10.90	6.60	Y160M-4	11
	29.4	10.75	7.72	Y160M-4	11
	34.3	10.60	8.80	Y160M-4	11
	39.2	10.45	9.92	Y160M-4	11
	44.1	10.30	11.02	Y160L-4	15
	49.0	10.15	12.10	Y160L-4	15
	53.9	10.00	13.20	Y160L-4	15
	58.8	9.90	14.30	Y160M-4	18.5
1310	9.8	12.56	4.50	Y132S-4	5.5
	14.7	12.40	5.30	Y132M-4	7.5
	19.6	12.25	6.08	Y132M-4	7.5
	24.5	12.10	7.15	Y160M-4	11
	29.4	11.95	8.36	Y160M-4	11
	34.3	11.80	9.40	Y160M-4	11
	39.2	11.65	10.60	Y160L-4	15
	44.1	11.45	11.70	Y160L-4	15
1390	49.0	11.20	12.90	Y160L-4	15
	53.9	11.05	14.00	Y180M-4	18.5
	58.8	10.90	15.20	Y180M-4	18.5
	9.8	13.20	4.70	Y132S-4	5.5
	14.7	12.95	5.40	Y132M-4	7.5
	19.6	12.71	6.22	Y160M-4	11
	24.5	12.56	8.68	Y160M-4	11
	29.4	12.41	8.36	Y160M-4	11

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 型号 Type	配套电机Motor 功率 Power(kW)
1390	34.3	12.28	9.70	Y160M-4	11
	39.2	12.13	10.92	Y160L-4	15
	44.1	11.95	12.10	Y160L-4	15
	49.0	11.88	13.30	Y160L-4	15
	53.9	11.71	14.90	Y180M-4	18.5
	58.8	11.52	16.50	Y180M-4	18.5
1470 *	9.8	13.75	4.85	Y132M-4	7.5
	14.7	13.60	5.50	Y132M-4	7.5
	19.6	13.45	6.53	Y160M-4	11
	24.5	13.30	7.80	Y160M-4	11
	29.4	13.15	9.20	Y160M-4	11
	34.3	13.00	10.32	Y160M-4	11
	39.2	12.85	11.46	Y160L-4	15
	44.1	12.70	12.75	Y160L-4	15
	49.0	12.55	14.17	Y180M-4	18.5
	53.9	12.40	15.58	Y180M-4	18.5
	58.8	12.20	17.32	Y180L-4	22
1530	9.8	14.58	5.00	Y132M-4	7.5
	14.7	14.32	5.80	Y132M-4	7.5
	19.6	14.12	6.96	Y160M-4	11
	24.5	13.94	8.20	Y160M-4	11
	29.4	13.77	9.74	Y160L-4	15
	34.3	13.60	11.04	Y160L-4	15
	39.2	13.49	12.50	Y160L-4	15
	44.1	13.39	13.90	Y180M-4	18.5
	49.0	13.24	15.30	Y180M-4	18.5
	53.9	13.14	16.70	Y180M-4	18.5
	58.8	12.95	18.10	Y180L-4	22
1630	9.8	15.46	5.15	Y132M-4	7.5
	14.7	15.30	6.00	Y160M-4	11
	19.6	15.15	7.30	Y160M-4	11
	19.6	15.00	8.70	Y160M-4	11
	29.4	14.85	10.00	Y160;L-4	15
	34.3	14.70	11.30	Y160L-4	15
	39.2	14.55	12.80	Y160L-4	15
	44.1	14.40	14.14	Y180M-4	18.5
	49.0	14.25	15.71	Y180M-4	18.5
1750	9.8	16.72	5.40	Y132M-4	7.5
	14.7	16.48	6.60	Y160M-4	11
	19.6	16.25	8.00	Y160M-4	11
	19.6	16.10	9.60	Y160M-4	11
	29.4	15.90	11.21	Y160;L-4	15
	34.3	15.72	12.70	Y160L-4	15
	39.2	15.60	14.35	Y180M-4	18.5
	44.1	15.48	15.90	Y180M-4	18.5
	49.0	15.35	17.60	Y180M-4	18.5

AAR150 型三叶罗茨鼓风机性能参数表
AAR150 three lobe Roots blower performance parameter table

AAR

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 型号 Type	配套电机Motor 功率 Power(kW)
810	9.8	12.00	3.84	Y132M-4	7.5
	14.7	11.74	5.03	Y132M-4	7.5
	19.6	11.52	6.23	Y132M-4	7.5
	24.5	11.33	7.32	Y160M-4	11
	29.4	11.13	8.52	Y160M-4	11
	34.3	11.02	9.62	Y160L-4	15
	39.2	10.84	10.82	Y160L-4	15
	44.1	10.74	11.97	Y160L-4	15
	49.0	10.64	13.22	Y160L-4	15
	53.9	10.54	14.42	Y180M-4	18.5
	58.8	10.37	15.62	Y180M-4	18.5
	63.7	10.26	17.16	Y180L-4	22
	68.6	10.16	18.86	Y180L-4	22
	73.5	10.06	20.73	Y200L-4	30
	78.4	9.96	22.78	Y200L-4	30
	88.3	9.86	24.38	Y200L-4	30
	88.2	9.75	25.98	Y200L-4	30
	93.1	9.64	27.28	Y225S-4	37
	98.0	9.53	28.58	Y225S-4	37
860	9.8	12.80	4.40	Y132M-4	7.5
	14.7	12.64	5.63	Y132M-4	7.5
	19.6	12.43	6.88	Y160M-4	11
	24.5	12.23	8.03	Y160M-4	11
	29.4	12.05	9.32	Y160M-4	11
	34.3	11.84	10.47	Y160L-4	15
	39.2	11.73	11.70	Y160L-4	15
	44.1	11.63	13.03	Y160L-4	15
	49.0	11.54	14.23	Y180M-4	18.5
	53.9	11.42	15.53	Y180M-4	18.5
	58.8	11.25	16.82	Y180L-4	22
	63.7	11.16	17.79	Y180L-4	22
	68.6	11.03	19.16	Y180L-4	22
	73.5	10.85	20.87	Y200L-4	30
	78.4	10.73	24.37	Y200L-4	30
	88.3	10.62	25.67	Y200L-4	30
	88.2	10.51	26.97	Y225S-4	37
	93.1	10.40	28.27	Y225S-4	37
	98.0	10.29	29.57	Y225S-4	37
970 *	9.8	14.70	5.58	Y132M-4	7.5
	14.7	14.52	7.02	Y160M-4	11
	19.6	14.32	8.33	Y160M-4	11
	24.5	14.13	9.63	Y160L-4	15
	29.4	13.93	11.07	Y160L-4	15
	34.3	13.82	12.43	Y160L-4	15
	39.2	13.72	13.82	Y180M-4	18.5
	44.1	13.62	15.23	Y180M-4	18.5
	49.0	13.52	16.62	Y180M-4	18.5
	53.9	13.33	18.03	Y180L-4	22
	58.8	13.25	19.43	Y180L-4	22
	63.7	13.12	21.45	Y200L-4	30
	68.6	12.95	22.93	Y200L-4	30
	73.5	12.86	24.34	Y200L-4	30
	78.4	12.73	25.82	Y200L-4	30
	88.3	12.51	26.50	Y200L-4	30
	88.2	12.39	29.01	Y225S-4	37
	93.1	12.25	30.36	Y225S-4	37
	98.0	12.12	33.71	Y225S-4	37
1180	9.8	18.25	7.80	Y160M-4	11
	14.7	18.13	9.43	Y160M-4	11
	19.6	17.94	11.12	Y160L-4	15
	24.5	17.75	12.73	Y160L-4	15
	29.4	17.57	14.43	Y180M-4	18.5
	34.3	17.45	16.03	Y180M-4	18.5
	39.2	17.35	17.83	Y180L-4	22
	44.1	17.25	19.40	Y180L-4	22
	49.0	17.15	21.13	Y200L-4	30
	53.9	17.05	22.82	Y200L-4	30
	58.8	16.95	24.53	Y200L-4	30
	63.7	16.86	26.34	Y200L-4	30
	68.6	16.73	28.22	Y225S-4	37
	73.5	16.55	30.15	Y225S-4	37
	78.4	16.43	31.84	Y225S-4	37
	88.3	16.27	33.54	Y225S-4	37
	88.2	16.10	35.51	Y225M-4	45
	93.1	15.89	40.10	Y225M-4	45
	98.0	15.71	44.23	Y250M-4	55

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 型号 Type	配套电机Motor 功率 Power(kW)
1240	9.8	19.27	8.45	Y160M-4	11
	14.7	19.12	10.21	Y160L-4	15
	19.6	18.93	11.92	Y160L-4	15
	24.5	18.75	13.62	Y180M-4	18.5
	29.4	18.65	15.42	Y180M-4	18.5
	34.3	18.55	17.05	Y180L-4	22
	39.2	18.45	18.93	Y180L-4	22
	44.1	18.35	20.70	Y200L-4	30
	49.0	18.25	22.43	Y200L-4	30
	53.9	18.15	24.23	Y200L-4	30
	58.8	18.05	25.83	Y200L-4	30
	63.7	17.92	27.73	Y225S-4	37
	68.6	17.75	29.55	Y225S-4	37
	73.5	17.66	31.43	Y225S-4	37
	78.4	17.53	33.17	Y225S-4	37
	88.3	17.38	36.21	Y225M-4	45
	88.2	17.23	39.38	Y225M-4	45
	93.1	17.08	44.45	Y225M-4	45
	98.0	16.93	47.78	Y250M-4	55
1400	9.8	22.00	10.20	Y160L-4	15
	14.7	21.85	12.12	Y160L-4	15
	19.6	21.72	14.03	Y180M-4	18.5
	24.5	21.53	15.93	Y180M-4	18.5
	29.4	21.42	17.92	Y180L-4	22
	34.3	21.32	19.92	Y180L-4	22
	39.2	21.23	21.92	Y200L-4	30
	44.1	21.17	23.83	Y200L-4	30
	49.0	21.07	25.83	Y200L-4	30
	53.9	20.95	27.93	Y225S-4	37
	58.8	20.85	29.72	Y225S-4	37
	63.7	20.76	33.34	Y225S-4	37
	68.6	20.63	35.85	Y225M-4	45
	73.5	20.45	37.97	Y225M-4	45
	78.4	20.33	40.13	Y225M-4	45
	88.3	20.18	43.00	Y250M-4	55
	88.2	20.03	46.10	Y250M-4	55
	93.1	19.88	49.80	Y250M-4	55
	98.0	19.72	52.00	Y280-4	75
1470 *	9.8	23.93	11.65	Y160L-4	15
	14.7	23.04	13.38	Y180M-4	18.5
	19.6	22.87	15.41	Y180M-4	18.5
	24.5	22.77	17.43	Y180L-4	22
	29.4	22.65	19.51	Y180L-4	22
	34.3	22.56	21.59	Y200L-4	30
	39.2	22.48	23.82	Y200L-4	30
	44.1	22.39	25.84	Y200L-4	30
	49.0	22.30	27.97	Y225S-4	37
	53.9	22.15	30.20	Y225S-4	37
	58.8	22.09	32.33	Y225S-4	37
	63.7	21.92	34.57	Y225M-4	45
	68.6	21.82	36.92	Y225M-4	45
	73.5	21.69	39.12	Y225M-4	45
1620	9.8	25.42	13.40	Y160L-4	15
	14.7	25.32	15.62	Y180M-4	18.5
	19.6	25.13	18.02	Y180L-4	22
	24.5	25.02	20.42	Y200L-4	30
	29.4	24.84	22.62	Y200L-4	30
	34.3	24.74	25.03	Y200L-4	30
	39.2	24.66	27.43	Y225S-4	37
	44.1	24.55	29.63	Y225S-4	37
	49.0	24.45	32.07	Y225M-4	45
	53.9	24.32	34.42	Y225M-4	45
	58.8	24.25	36.93	Y225M-4	45
	63.7	24.12	40.07	Y225M-4	45
	68.6	24.04	43.32	Y250M-4	55
	73.5	23.85	48.25	Y250M-4	55
1730	9.8	27.15	15.30	Y180M-4	18.5
	14.7	26.94	17.63	Y180L-4	22
	19.6	26.73	20.22	Y200L-4	30
	24.5	26.63	22.92	Y200L-4	30
	29.4	26.48	25.32	Y200L-4	30
	34.3	26.35	27.92	Y225S-4	37
	39.2	26.27	30.42	Y225S-4	37
	44.1	26.15	33.03	Y225S-4	37
	49.0	26.05	35.53	Y225M-4	45
	53.9	25.95	38.02	Y225M-4	45
	58.8	25.85	40.82	Y225M-4	45
	63.7	25.76	44.85	Y250M-4	55
	68.6	25.64	47.63	Y250M-4	55
	73.5	25.45	50.27	Y250M-4	55

AAR175 型三叶罗茨鼓风机性能参数表

AAR175 three lobe Roots blower performance parameter table

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 型号 Type	配套电机Motor 功率 Power(kW)
970 *	9.8	22.78	7.20	Y160M-4	11
	14.7	22.20	10.19	Y160L-4	15
	19.6	21.63	11.25	Y160L-4	15
	24.5	21.13	13.35	Y160L-4	15
	29.4	21.05	15.45	Y180M-4	18.5
	34.3	20.85	17.57	Y180L-4	22
	39.2	20.53	19.65	Y180L-4	22
	44.1	20.21	21.75	Y200L-4	30
	49.0	20.12	23.87	Y200L-4	30
	53.9	19.83	26.03	Y200L-4	30
	58.8	19.65	28.14	Y225S-4	37
1110	9.8	26.75	8.91	Y160M-4	11
	14.7	26.54	11.94	Y160L-4	15
	19.6	26.33	13.14	Y160L-4	15
	24.5	25.83	15.33	Y180M-4	18.5
	29.4	25.64	17.93	Y180L-4	22
	34.3	25.24	20.33	Y180L-4	22
	39.2	24.83	22.73	Y200L-4	30
	44.1	24.55	25.10	Y200L-4	30
	49.0	24.23	27.53	Y200L-4	30
	53.9	24.07	29.93	Y225S-4	37
	58.8	23.95	32.33	Y225S-4	37
1180	9.8	28.65	9.87	Y160M-4	11
	14.7	28.50	12.54	Y160L-4	15
	19.6	28.35	13.84	Y180M-4	18.5
	24.5	27.96	16.35	Y180M-4	18.5
	29.4	27.55	18.95	Y180L-4	22
	34.3	27.17	21.47	Y200L-4	30
	39.2	26.83	24.07	Y200L-4	30
	44.1	26.57	26.63	Y200L-4	30
	49.0	26.34	29.15	Y225S-4	37
	53.9	26.15	31.74	Y225S-4	37
	58.8	25.95	34.26	Y225S-4	37
1240	9.8	30.25	10.65	Y160L-4	15
	14.7	30.10	13.43	Y160L-4	15
	19.6	29.94	14.75	Y180M-4	18.5
	24.5	29.53	17.47	Y180L-4	22
	29.4	29.13	20.16	Y180L-4	22
	34.3	28.85	22.85	Y200L-4	30
	39.2	28.55	25.54	Y200L-4	30
	44.1	28.27	28.24	Y225S-4	37
	49.0	28.05	30.93	Y225S-4	37
	53.9	27.84	33.56	Y225S-4	37
	58.8	27.63	36.26	Y225M-4	45

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 型号 Type	配套电机Motor 功率 Power(kW)
1400	9.8	34.22	12.75	Y160L-4	15
	14.7	33.93	16.70	Y180L-4	22
	19.6	33.65	18.54	Y180L-4	22
	24.5	33.35	21.65	Y200L-4	30
	29.4	33.26	25.54	Y200L-4	30
	34.3	32.83	27.57	Y200L-4	30
	39.2	32.55	30.64	Y225S-4	37
	44.1	32.33	33.63	Y225S-4	37
	49.0	32.03	36.65	Y225M-4	45
	53.9	31.82	39.71	Y225M-4	45
	58.8	31.62	42.76	Y250M-4	55
1460 *	9.8	35.43	14.47	Y180M-4	18.5
	14.7	35.24	17.25	Y180L-4	22
	19.6	35.04	19.09	Y180L-4	22
	24.5	34.69	22.25	Y200L-4	30
	29.4	34.50	25.39	Y200L-4	30
	34.3	34.09	28.55	Y225S-4	37
	39.2	33.86	31.74	Y225S-4	37
	44.1	33.64	34.85	Y225M-4	45
	49.0	33.34	38.01	Y225M-4	45
	53.9	33.18	41.46	Y225M-4	45
	58.8	32.94	44.36	Y250M-4	55
1520	9.8	36.65	15.96	Y180M-4	18.5
	14.7	36.54	17.80	Y180L-4	22
	19.6	36.43	19.64	Y180L-4	22
	24.5	36.03	22.94	Y200L-4	30
	29.4	35.73	26.23	Y200L-4	30
	34.3	35.35	29.52	Y225S-4	37
	39.2	35.17	32.83	Y225S-4	37
	44.1	34.95	36.07	Y225M-4	45
	49.0	34.65	39.37	Y225M-4	45
1620	9.8	38.67	19.39	Y180L-4	22
	14.7	38.52	21.13	Y200L-4	30
	19.6	38.36	22.87	Y200L-4	30
	24.5	38.03	26.43	Y200L-4	30
	29.4	37.84	29.94	Y225S-4	37
	34.3	37.43	33.42	Y225S-4	37
	39.2	37.15	36.96	Y225M-4	45
	44.1	36.96	40.43	Y225M-4	45
	49.0	36.65	43.95	Y250M-4	55

AAR200B 型三叶罗茨鼓风机性能参数表

AAR200B three lobe Roots blower performance parameter table

AAR

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 型号 Type	配套电机Motor 功率 Power(kW)
850	9.8	26.70	10.78	Y160L-4	15
	14.7	26.50	11.92	Y160L-4	15
	19.6	26.33	13.14	Y160L-4	15
	24.5	25.90	15.52	Y180M-4	18.5
	29.4	25.64	17.93	Y180L-4	22
	34.3	25.20	19.89	Y180L-4	22
	39.2	24.83	22.73	Y200L-4	30
	44.1	24.51	25.12	Y200L-4	30
	49.0	24.23	27.53	Y200L-4	30
	53.9	24.06	29.92	Y225S-4	37
	58.8	23.95	32.33	Y225S-4	37
	63.7	23.84	37.74	Y225M-4	45
	68.6	23.73	37.29	Y225M-4	45
	73.5	23.62	39.95	Y225M-4	45
	78.4	23.51	42.62	Y250M-4	55
	83.3	23.36	45.28	Y250M-4	55
	88.2	23.21	47.94	Y250M-4	55
	93.1	23.05	50.61	Y250M-4	55
	98.0	22.89	53.27	Y280S-4	75
900	9.8	28.68	11.02	Y160L-4	15
	14.7	28.50	12.25	Y160L-4	15
	19.6	28.35	13.84	Y180M-4	18.5
	24.5	27.85	16.24	Y180M-4	18.5
	29.4	27.55	18.95	Y180L-4	22
	34.3	27.12	22.35	Y200L-4	30
	39.2	26.83	24.07	Y200L-4	30
	44.1	26.56	27.89	Y200L-4	30
	49.0	26.34	29.15	Y225S-4	37
	53.9	26.10	32.08	Y225S-4	37
	58.8	25.95	34.26	Y225S-4	37
	63.7	25.80	36.66	Y225M-4	45
	68.6	25.65	39.48	Y225M-4	45
	73.5	25.50	42.30	Y250M-4	55
	78.4	25.35	45.12	Y250M-4	55
	83.3	25.20	47.94	Y250M-4	55
	88.2	25.05	50.76	Y250M-4	55
	93.1	24.90	53.58	Y280S-4	75
	98.0	24.74	56.40	Y280S-4	75
950 *	9.8	30.92	12.29	Y160L-4	15
	14.7	30.43	13.52	Y160L-4	15
	19.6	29.94	14.75	Y180M-4	18.5
	24.5	29.45	18.25	Y180L-4	22
	29.4	29.13	20.16	Y180L-4	22
	34.3	28.80	23.10	Y200L-4	30
	39.2	28.55	25.54	Y200L-4	30
	44.1	28.20	28.73	Y225S-4	37
	49.0	28.05	30.93	Y225S-4	37
	53.9	27.80	33.91	Y225M-4	45
	58.8	27.63	36.26	Y225M-4	45
	63.7	27.46	38.70	Y225M-4	45
	68.6	27.29	41.68	Y250M-4	55
	73.5	27.12	44.65	Y250M-4	55
	78.4	26.95	47.63	Y250M-4	55
	83.3	26.78	50.61	Y250M-4	55
	88.2	26.61	53.58	Y280S-4	75
	93.1	26.44	56.56	Y280S-4	75
	98.0	26.27	59.54	Y280S-4	75
1070	9.8	34.18	17.16	Y180L-4	22
	14.7	33.90	17.85	Y180L-4	22
	19.6	33.65	18.54	Y180L-4	22
	24.5	33.40	22.10	Y200L-4	30
	29.4	33.26	24.54	Y200L-4	30
	34.3	32.88	28.75	Y225S-4	37
	39.2	32.55	30.64	Y225S-4	37
	44.1	32.28	34.01	Y225M-4	45
	49.0	32.03	36.65	Y225M-4	45
	53.9	31.79	39.85	Y225M-4	45
	58.8	31.62	42.76	Y250M-4	55
	63.7	31.45	45.67	Y250M-4	55
	68.6	31.28	48.58	Y250M-4	55
	73.5	31.11	51.49	Y280S-4	75
	78.4	30.94	54.40	Y280S-4	75
	83.3	30.77	57.31	Y280S-4	75
	88.2	30.60	60.35	Y280S-4	75
	93.1	30.43	63.70	Y280S-4	75
	98.0	30.25	67.06	Y280S-4	75

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 型号 Type	配套电机Motor 功率 Power(kW)
1160	9.8	36.98	17.45	Y180L-4	22
	14.7	36.83	18.01	Y180L-4	22
	19.6	36.43	19.64	Y180L-4	22
	24.5	36.03	23.55	Y200L-4	30
	29.4	35.73	26.23	Y200L-4	30
	34.3	35.41	30.38	Y225S-4	37
	39.2	35.17	32.83	Y225S-4	37
	44.1	34.89	36.95	Y225M-4	45
	49.0	34.65	36.97	Y225M-4	45
	53.9	34.41	43.02	Y250M-4	55
	58.8	34.25	45.95	Y250M-4	55
	63.7	34.09	48.88	Y250M-4	55
	68.6	33.93	51.81	Y280S-4	75
	73.5	33.77	54.74	Y280S-4	75
	78.4	33.61	58.16	Y280S-4	75
	83.3	33.45	61.79	Y280S-4	75
	88.2	33.29	65.43	Y280S-4	75
	93.1	33.13	69.06	Y280S-4	75
	98.0	32.96	72.70	Y280M-4	90
1240	9.8	39.64	18.32	Y180L-4	22
	14.7	39.01	20.25	Y180L-4	22
	19.6	38.36	22.87	Y200L-4	30
	24.5	38.05	28.58	Y225S-4	37
	29.4	37.84	29.94	Y225S-4	37
	34.3	37.49	33.87	Y225M-4	45
	39.2	37.15	36.69	Y225M-4	45
	44.1	36.80	40.18	Y225M-4	45
	49.0	36.65	43.95	Y250M-4	55
	53.9	36.44	47.30	Y250M-4	55
	58.8	36.35	50.97	Y250M-4	55
	63.7	36.26	54.64	Y280S-4	75
	68.6	36.17	58.31	Y280S-4	75
	73.5	36.08	61.98	Y280S-4	75
	78.4	35.99	65.65	Y280S-4	75
	83.3	35.86	69.32	Y280M-4	90
	88.2	35.72	72.99	Y280M-4	90
	93.1	35.57	76.66	Y280M-4	90
	98.0	35.41	80.33	Y280M-4	90
1320	9.8	40.79	21.47	Y200L-4	30
	14.7	40.49	23.25	Y200L-4	30
	19.6	40.17	25.03	Y200L-4	30
	24.5	39.85	30.01	Y225S-4	37
	29.4	39.64	32.53	Y225S-4	37
	34.3	39.38	37.98	Y225M-4	45
	39.2	39.15	40.03	Y225M-4	45
	44.1	38.91	45.12	Y250M-4	55
	49.0	38.77	47.53	Y250M-4	55
	53.9	38.61	52.61	Y280S-4	75
	58.8	38.45	55.03	Y280S-4	75
	63.7	38.29	57.45	Y280S-4	75
	68.6	38.13	59.87	Y280S-4	75
	73.5	37.97	62.29	Y280S-4	75
	78.4	37.81	66.18	Y280S-4	75
	83.3	37.65	70.32	Y280S-4	75
	88.2	37.48	74.45	Y280M-4	90
	93.1	37.31	78.59	Y280M-4	90
	98.0	37.14	82.73	Y280M-4	90
1450 *	9.8	44.80	23.58	Y200L-4	30
	14.7	44.40	25.53	Y200L-4	30
	19.6	44.12	27.49	Y225S-4	37
	24.5	43.75	32.96	Y225S-4	37
	29.4	43.54	35.73	Y225M-4	45
	34.3	43.25	41.72	Y250M-4	55
	39.2	43.00	43.97	Y250M-4	55
	44.1	42.74	49.56	Y250M-4	55
	49.0	42.55	52.21	Y280S-4	75
	53.9	42.40	57.79	Y280S-4	75
	58.8	42.23	60.44	Y280S-4	75
	63.7	42.06	63.10	Y280S-4	75
	68.6	41.85	65.76	Y280S-4	75
	73.5	41.70	68.42	Y280S-4	75
	78.4	41.50	72.80	Y280M-4	90
	83.3	41.10	82.20	Y280M-4	90
	88.2	40.70	84.90	Y315S-4	110
	93.1	40.20	89.40	Y315S-4	110
	98.0	39.70	93.80	Y315S-4	110

AAR200 型三叶罗茨鼓风机性能参数表

AAR200 three lobe Roots blower performance parameter table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
810	9.8	31.77	8.05	Y160L-4	15
	14.7	31.17	11.28	Y160L-4	15
	19.6	30.54	14.65	Y180M-4	18.5
	24.5	29.95	17.60	Y180L-4	22
	29.4	29.52	20.68	Y200L-4	30
	34.3	29.23	23.86	Y200L-4	30
	39.2	28.87	27.26	Y200L-4	30
	44.1	28.55	30.67	Y225S-4	37
	49.0	28.24	24.08	Y225S-4	37
	53.9	27.93	37.49	Y225M-4	45
	58.8	27.65	40.90	Y225M-4	45
	63.7	27.26	44.31	Y250M-4	55
	68.6	26.93	47.71	Y250M-4	55
	73.5	26.62	51.12	Y250M-4	55
	78.4	26.33	54.33	Y280S-4	75
	83.3	26.12	57.94	Y280S-4	75
	88.2	25.87	61.35	Y280S-4	75
	93.1	25.61	64.75	Y280S-4	75
	98.0	25.34	68.16	Y280S-4	75
980 *	9.8	39.15	11.58	Y160L-4	15
	14.7	38.52	15.52	Y180M-4	18.5
	19.6	38.87	19.38	Y180L-4	22
	24.5	37.62	22.93	Y200L-4	30
	29.4	37.31	27.18	Y200L-4	30
	34.3	37.07	30.78	Y225S-4	37
	39.2	36.75	34.55	Y225M-4	45
	44.1	36.44	38.25	Y225M-4	45
	49.0	36.05	42.04	Y250M-4	55
	53.9	35.60	45.55	Y250M-4	55
	58.8	35.35	49.48	Y250M-4	55
	63.7	35.05	53.60	Y280S-4	75
	68.6	34.72	57.73	Y280S-4	75
	73.5	34.38	61.85	Y280S-4	75
	78.4	34.05	65.97	Y280S-4	75
	83.3	33.80	70.01	Y280S-4	75
	88.2	33.62	74.22	Y280M-4	90
	93.1	33.27	78.34	Y280M-4	90
	98.0	32.92	2.47	Y280M-4	90
1070	9.8	43.03	13.46	Y180M-4	18.5
	14.7	42.53	17.81	Y180L-4	22
	19.6	42.03	21.24	Y200L-4	30
	24.5	41.63	25.82	Y200L-4	30
	29.4	41.43	30.13	Y225S-4	37
	34.3	41.11	34.45	Y225S-4	37
	39.2	40.95	38.66	Y225M-4	45
	44.1	40.58	42.65	Y250M-4	55
	49.0	40.17	46.84	Y250M-4	55
	53.9	39.75	50.73	Y250M-4	55
	58.8	39.45	54.97	Y280S-4	75
	63.7	39.35	58.83	Y280S-4	75
	68.6	39.13	63.73	Y280S-4	75
	73.5	38.92	67.53	Y280S-4	75
	78.4	38.75	72.03	Y280M-4	90
	83.3	38.58	76.53	Y280M-4	90
	88.2	38.37	81.04	Y280M-4	90
	93.1	38.11	85.54	Y280M-4	90
	98.0	37.90	90.04	Y315S-4	110
1150	9.8	46.05	15.18	Y180M-4	18.5
	14.7	46.01	19.95	Y180L-4	22
	19.6	45.51	23.71	Y200L-4	30
	24.5	45.31	28.13	Y225S-4	37
	29.4	45.01	32.74	Y225S-4	37
	34.3	44.82	37.26	Y225M-4	45
	39.2	44.62	42.04	Y250M-4	55
	44.1	44.23	46.62	Y250M-4	55
	49.0	43.75	50.98	Y250M-4	55
	53.9	43.44	55.09	Y280S-4	75
	58.8	43.18	59.76	Y280S-4	75
1150	63.7	43.03	64.33	Y280S-4	75
	68.6	42.74	68.63	Y280S-4	75
	73.5	42.45	73.34	Y280M-4	90
	78.4	42.25	77.66	Y280M-4	90
	83.3	42.03	82.26	Y280M-4	90
	88.2	41.81	87.10	Y315S-4	110
	93.1	41.63	91.93	Y315S-4	110
	98.0	41.45	96.77	Y315S-4	110
1230	9.8	49.60	17.09	Y180L-4	22
	14.7	49.13	21.94	Y200L-4	30
	19.6	48.72	26.43	Y200L-4	30
	24.5	48.42	31.28	Y225S-4	37
	29.4	48.23	36.26	Y225M-4	45
	34.3	48.11	41.25	Y225M-4	45
	39.2	47.71	46.08	Y250M-4	55
	44.1	47.41	50.78	Y250M-4	55
	49.0	47.01	55.52	Y280S-4	75
	53.9	46.82	59.83	Y280S-4	75
	58.8	46.62	64.81	Y280S-4	75
	63.7	46.41	69.39	Y280S-4	75
	68.6	46.21	74.26	Y280M-4	90
	73.5	46.02	78.81	Y280M-4	90
	78.4	45.83	83.66	Y280M-4	90
	83.3	45.60	88.52	Y315S-4	110
	88.2	45.42	93.15	Y315S-4	110
	93.1	45.20	98.33	Y315S-4	110
	98.0	45.00	103.50	Y315S-4	110
1310	9.8	52.67	19.65	Y180L-4	22
	14.7	52.21	24.34	Y200L-4	30
	19.6	51.81	29.23	Y225S-4	37
	24.5	51.51	34.28	Y225S-4	37
	29.4	51.32	39.66	Y225M-4	45
	34.3	51.13	44.81	Y250M-4	55
	39.2	50.92	50.18	Y250M-4	55
	44.1	50.62	55.09	Y280S-4	75
	49.0	50.42	59.91	Y280S-4	75
	53.9	50.13	64.52	Y280S-4	75
	58.8	49.81	69.72	Y280S-4	75
	63.7	49.72	74.81	Y280M-4	90
	68.6	49.53	79.71	Y280M-4	90
	73.5	49.32	84.72	Y280M-4	90
	78.4	49.11	89.76	Y315S-4	110
1390	9.8	55.77	21.31	Y180L-4	22
	14.7	55.33	26.64	Y200L-4	30
	19.6	54.93	31.88	Y225S-4	37
	24.5	54.73	37.46	Y225M-4	45
	29.4	54.41	42.92	Y250M-4	55
	34.3	54.31	48.53	Y250S-4	75
	39.2	54.12	54.22	Y250M-4	55
	44.1	53.93	59.28	Y280S-4	75
	49.0	53.60	64.48	Y280S-4	75
	53.9	53.42	69.16	Y280S-4	75
	58.8	53.22	74.62	Y280M-4	90
	63.7	53.03	79.65	Y280M-4	90
	68.6	52.82	84.91	Y280M-4	90
	73.5	52.71	90.24	Y315S-4	110
	78.4	52.52	95.58	Y315S-4	110
1480 *	9.8	59.20	23.80	Y200L-4	30
	14.7	58.81	28.96	Y225S-4	37
	19.6	58.41	34.37	Y225S-4	37
	24.5	58.21	40.42	Y225M-4	45
	29.4	58.03	46.58	Y250M-4	55
	34.3	57.82	52.36	Y250S-4	75
	39.2	57.71	58.19	Y280S-4	75
	44.1	57.51	63.62	Y280S-4	75
	49.0	57.36	68.98	Y280S-4	75
	53.9	57.22	74.22	Y280M-4	90
	58.8	57.14	80.18	Y280M-4	90
	63.7	56.92	85.65	Y280M-4	90
	68.6	56.82	91.36	Y315S-4	110
	73.5	56.71	96.78	Y315S-4	110
	78.4	56.53	102.45	Y315S-4	110

AAR250B 型三叶罗茨鼓风机性能参数表

AAR250B three lobe Roots blower performance parameter table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
1100	9.8	57.74	19.97	Y200L-4	30
	14.7	57.26	26.94	Y200L-4	30
	19.6	56.90	32.37	Y225S-4	37
	24.5	56.65	37.84	Y225M-4	45
	29.4	56.42	43.89	Y250M-4	55
	34.3	56.22	49.65	Y250M-4	55
	39.2	55.99	55.52	Y280S-4	75
	44.1	55.65	60.95	Y280S-4	75
	49.0	55.42	66.39	Y280S-4	75
	53.9	55.13	71.50	Y280M-4	90
	58.8	54.77	77.25	Y280M-4	90
1110	9.8	60.89	22.96	Y200L-4	30
	14.7	60.39	28.41	Y225S-4	37
	19.6	60.01	34.14	Y225M-4	45
	24.5	59.74	39.91	Y225M-4	45
	29.4	59.51	46.29	Y250M-4	55
	34.3	59.30	52.36	Y280S-4	75
	39.2	59.05	58.55	Y280S-4	75
	44.1	58.69	64.28	Y280S-4	75
	49.0	58.46	70.02	Y280S-4	75
	53.9	58.14	75.40	Y280M-4	90
	58.8	57.76	81.47	Y280M-4	90
1180	9.8	63.52	23.95	Y200L-4	30
	14.7	63.00	29.64	Y225S-4	37
	19.6	62.60	35.62	Y225M-4	45
	24.5	62.32	41.64	Y250M-4	55
	29.4	62.08	48.29	Y250M-4	55
	34.3	61.86	54.62	Y280S-4	75
	39.2	61.60	61.08	Y280S-4	75
	44.1	61.23	67.06	Y280S-4	75
	49.0	60.99	73.04	Y280M-4	90
	53.9	60.65	78.65	Y280M-4	90
	58.8	60.25	84.99	Y280M-4	90
1240	9.8	66.15	24.94	Y200L-4	30
	14.7	65.61	30.87	Y225S-4	37
	19.6	65.19	37.10	Y225M-4	45
	24.5	64.90	43.37	Y250M-4	55
	29.4	64.65	50.29	Y250M-4	55
	34.3	64.42	56.88	Y280S-4	75
	39.2	64.15	63.61	Y280S-4	75
	44.1	63.77	69.84	Y280S-4	75
1240	49.0	63.52	76.06	Y280M-4	90
	53.9	63.16	81.90	Y280M-4	90
	58.8	62.75	88.51	Y315S-4	110
1400	9.8	68.78	65.93	Y200L-4	30
	14.7	68.22	32.10	Y225S-4	37
	19.6	67.78	38.58	Y225M-4	45
	24.5	67.48	45.15	Y250M-4	55
	29.4	67.22	52.29	Y280S-4	75
	34.3	66.98	59.14	Y280S-4	75
	39.2	66.70	66.14	Y280S-4	75
	44.1	66.31	72.62	Y280M-4	90
	49.0	66.05	79.08	Y280M-4	90
	53.9	-	-	-	-
	58.8	-	-	-	-
1460 *	9.8	72.83	28.12	Y225S-4	37
	14.7	72.35	34.98	Y225M-4	45
	19.6	71.85	42.00	Y250M-4	55
	24.5	71.61	49.38	Y250M-4	55
	29.4	71.38	56.65	Y280S-4	75
	34.3	71.13	64.05	Y280S-4	75
	39.2	70.98	71.57	Y280S-4	75
	44.1	70.74	78.15	Y280M-4	90
	49.0	70.57	85.03	Y280M-4	90
	53.9	-	-	-	-
	58.8	-	-	-	-
1520	9.8	77.55	31.41	Y225S-4	37
	14.7	77.04	38.17	Y225M-4	45
	19.6	76.51	45.31	Y250M-4	55
	24.5	76.25	53.34	Y280S-4	75
	29.4	76.01	61.40	Y280S-4	75
	34.3	75.74	69.07	Y280S-4	75
	39.2	75.60	76.70	Y280M-4	90
	44.1	75.33	83.97	Y280M-4	90
	49.0	75.14	90.97	Y315S-4	110
	53.9	-	-	-	-
	58.8	-	-	-	-

AAR250 型三叶罗茨鼓风机性能参数表

AAR250 three lobe Roots blower performance parameter table

注：1.*所示转速罗茨鼓风机也可联轴器（直连）传动。
2.所选电机一般为4级电机，电压380V
3.升压大于58.8kPa小于73.5kPa建议选用双油箱
4.当升压大于73.5kPa选用双油箱水冷焊接以利于油箱快速散热
5.水冷却油箱用水量为11-14L/min，且冷却水温度不高于25℃，冷却水进口压力为200kPa（自来水压力即可）

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
990 *	9.8	63.50	20.10	Y225S-4	37
	14.7	63.30	28.50	Y225S-4	37
	19.6	63.10	31.40	Y225S-4	37
	24.5	62.90	38.30	Y225M-4	45
	29.4	62.70	45.00	Y250M-4	55
	34.3	62.50	57.40	Y280S-4	75
	39.2	62.20	57.80	Y280S-4	75
	44.1	62.00	64.10	Y280S-4	75
	49.0	61.80	70.50	Y280S-4	75
	53.9	61.60	77.40	Y280M-4	90
	58.8	61.40	84.20	Y280M-4	90
	63.7	61.20	88.20	Y315S-4	110
	68.6	61.00	94.60	Y315S-4	110
	73.5	59.90	101.0	Y315S-4	110
	78.4	59.80	113.7	Y315M-4	132
	83.3	59.20	121.0	Y315M-4	132
	88.2	58.80	128.3	Y315L1-4	160
	93.1	58.30	134.3	Y315L1-4	160
	98.0	58.00	140.3	Y315L1-4	160
1170	9.8	74.70	22.50	Y225S-4	37
	14.7	74.50	29.20	Y225S-4	37
	19.6	74.30	37.10	Y225S-4	37
	24.5	74.00	45.30	Y250M-4	55
	29.4	73.60	53.20	Y280S-4	75
	34.3	73.10	60.70	Y280S-4	75
	39.2	72.70	68.30	Y280S-4	75
	44.1	72.30	75.80	Y280M-4	90
	49.0	72.00	83.30	Y280M-4	90
	53.9	71.70	91.50	Y315S-4	110
	58.8	71.30	99.50	Y315S-4	110
	63.7	71.00	113.4	Y315M-4	132
	68.6	69.60	123.2	Y315M-4	132
	73.5	69.40	131.2	Y315L1-4	160
	78.4	69.00	134.4	Y315L1-4	160
	83.3	68.60	143.0	Y315L1-4	160
	88.2	69.20	131.2	Y315L1-4	160
	93.1	67.70	158.7	Y315L1-4	160
	98.0	67.10	165.7	Y315L1-4	160

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
1250	9.8	80.20	28.10	Y225S-4	37
	14.7	79.90	34.20	Y225S-4	37
	19.6	79.60	40.30	Y225M-4	55
	24.5	79.20	48.40	Y250M-4	55
	29.4	78.80	56.80	Y280S-4	75
	34.3	78.50	64.90	Y280S-4	75
	39.2	78.20	73.00	Y280M-4	90
	44.1	77.90	80.90	Y280M-4	90
	49.0	77.40	89.00	Y315S-4	110
	53.9	77.10	97.70	Y315S-4	110
	58.8	76.80	106.3	Y315M-4	132
	63.7	76.40	121.1	Y315M-4	132
	68.6	76.00	131.6	Y315L1-4	160
	73.5	75.60	140.2	Y315L1-4	160
	78.4	75.10	143.6	Y315L1-4	160
1360	9.8	89.50	35.90	Y225M-4	45
	14.7	89.10	38.20	Y225M-4	45
	19.6	88.70	43.10	Y250M-4	55
	24.5	88.50	52.60	Y280S-4	75
	29.4	88.30	61.80	Y280S-4	75
	34.3	88.10	70.60	Y280S-4	75
	39.2	87.80	79.40	Y280M-4	90
	44.1	87.50	88.10	Y315S-4	110
	49.0	87.20	96.80	Y315S-4	110
	53.9	86.90	106.3	Y315M-4	132
	58.8	86.60	115.7	Y315M-4	132
	63.7	86.30	131.8	Y315L1-4	160
	68.6	86.00	143.2	Y315L1-4	160
	73.5	85.70	152.5	Y315L1-4	160
	78.4	85.40	156.2	Y315L1-4	160
1480 *	9.8	97.52	37.10	Y225M-4	45
	14.7	97.01	40.60	Y225M-4	45
	19.6	96.50	46.90	Y250M-4	55
	24.5	96.20	57.30	Y280S-4	75
	29.4	96.10	67.30	Y280S-4	75
	34.3	95.80	76.80	Y280M-4	90
	39.2	95.50	86.40	Y315S-4	110
	44.1	95.30	95.80	Y315S-4	110
	49.0	95.00	105.4	Y315M-4	132
	53.9	94.50	115.7	Y315M-4	132
	58.8	94.10	125.9	Y315M-4	132
	63.7	93.70	143.4	Y315L1-4	160
	68.6	93.40	155.8	Y315L-4	185
	73.5	93.20	166.0	Y315L-4	185
	78.4	92.60	170.0	Y315L-4	185

AAR300 型三叶罗茨鼓风机性能参数表

RAR300 three lobe Roots blower performance parameter table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
990 *	9.8	89.30	37.80	Y225M-4	45
	14.7	89.10	41.60	Y250M-4	55
	19.6	88.90	44.60	Y250M-4	55
	24.5	88.70	53.90	Y280S-4	75
	29.4	88.50	60.50	Y280S-4	75
	34.3	88.30	71.80	Y280M-4	90
	39.2	88.10	81.60	Y280M-4	90
	44.1	87.90	90.30	Y315S-4	110
	49.0	87.60	99.80	Y315S-4	110
	53.9	87.40	108.1	Y315M-4	132
	58.8	87.10	116.4	Y315M-4	132
	63.7	86.90	121.8	Y315M-4	132
	68.6	86.70	130.5	Y315L1-4	160
	73.5	86.40	138.9	Y315L1-4	160
	78.4	86.10	147.6	Y315L1-4	160
	83.3	85.50	156.6	Y315L-4	185
	88.2	85.00	165.0	Y315L-4	185
1170	9.8	108.0	44.70	Y250M-4	55
	14.7	106.5	49.10	Y250M-4	55
	19.6	105.0	52.70	Y280S-4	75
	24.5	104.7	63.70	Y280S-4	75
	29.4	104.0	71.50	Y280M-4	90
	34.3	103.1	84.80	Y280M-4	90
	39.2	103.8	96.50	Y315S-4	110
	44.1	103.5	106.7	Y315M-4	132
	49.0	103.2	117.9	Y315M-4	132
	53.9	102.9	127.7	Y315L1-4	160
	58.8	102.7	137.5	Y315L1-4	160
	63.7	102.5	144.0	Y315L1-4	160
	68.6	102.3	154.0	Y315L-4	185
	73.5	102.1	164.0	Y315L-4	185
	78.4	101.8	174.0	Y315L-4	185
1250	9.8	114.8	47.70	Y250M-4	55
	14.7	113.5	52.50	Y280S-4	75
	19.6	112.2	56.30	Y280S-4	75
	24.5	101.8	68.00	Y280S-4	75

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
1250	29.4	111.8	76.30	Y280M-4	90
	34.3	111.6	90.60	Y315S-4	110
	39.2	111.4	103.1	Y315S-4	110
	44.1	111.2	114.0	Y315M-4	132
	49.0	110.8	136.5	Y315L1-4	160
	53.9	110.6	146.9	Y315L1-4	160
	58.8	110.4	164.0	Y315L1-4	160
	63.7	110.2	165.0	Y315L-4	185
	68.6	110.0	175.0	Y315L-4	185
1360	9.8	127.0	51.90	Y250M-4	55
	14.7	126.0	57.10	Y280S-4	75
	19.6	125.0	61.30	Y280S-4	75
	24.5	124.8	74.00	Y280M-4	90
	29.4	124.6	83.10	Y280M-4	90
	34.3	124.4	98.60	Y315S-4	110
	39.2	124.2	112.1	Y315M-4	132
	44.1	124.0	124.1	Y315M-4	132
	49.0	123.8	137.0	Y315L1-4	160
	53.9	123.6	148.5	Y315L1-4	160
	58.8	123.4	159.9	Y315L-4	185
	63.7	123.2	167.0	Y315L-4	185
	68.6	123.0	179.0	Y315L2-4	200
1480 *	9.8	138.1	56.50	Y280S-4	75
	14.7	137.0	62.10	Y280S-4	75
	19.6	135.9	66.70	Y280S-4	75
	24.5	135.8	80.60	Y280M-4	90
	29.4	135.6	90.40	Y315S-4	110
	34.3	135.3	107.3	Y315M-4	132
	39.2	135.1	122.0	Y315M-4	132
	44.1	134.9	135.0	Y315L1-4	160
	49.0	134.7	149.1	Y315L1-4	160
	53.9	134.5	161.6	Y315L-4	185
	58.8	134.3	174.0	Y315L-4	185
	63.7	134.1	188.0	Y315L2-4	200
	68.6	134.0	202.0	Y355M1-4	220

AAR350B 型三叶罗茨鼓风机性能参数表
AAR350B three lobe Roots blower performance parameter table

注：1.*所示转速罗茨鼓风机也可联轴器（直连）传动。
2.所选电机一般为4级电机，电压380V。
3.升压大于58.8kPa小于73.5kPa建议选用双油箱
4.当升压大于73.5kPa选用双油箱水冷焊接以利于油箱快速散热
5.水冷却油箱用水量为11-14L/min，且冷却水温度不高于25℃，冷却水进口压力为200kPa（自来水压力即可）

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	配套电机Motor 型号 Type	配套电机Motor 功率 Power(kW)
730 *	9.8	86.98	Y250M-4	55
	14.7	86.31	Y280S-4	75
	19.6	85.42	Y250S-4	75
	24.5	84.63	Y280M-4	90
	29.4	83.61	Y280M-4	90
	34.3	82.81	Y280M-4	90
	39.2	82.12	Y280M-4	90
	44.1	81.55	Y315S-4	110
	49.0	79.83	Y315S-4	110
	53.9	79.11	Y315M-4	132
	58.8	78.41	Y315M-4	132
990 *	9.8	116.82	Y250M-4	55
	14.7	115.52	Y280S-4	75
	19.6	114.31	Y250S-4	75
	24.5	113.18	Y280M-4	90
	29.4	111.82	Y280M-4	90
	34.3	110.19	Y315S-4	110
	39.2	109.31	Y315S-4	110
	44.1	108.37	Y315M-4	132
	49.0	107.32	Y315M-4	132
	53.9	106.73	Y315L1-4	160
	58.8	105.81	Y315L1-4	160
1170	9.8	138.06	Y280S-4	75
	14.7	136.52	Y280S-4	75
	19.6	135.09	Y280M-4	90
	24.5	133.75	Y280M-4	90
	29.4	132.15	Y315S-4	110
	34.3	130.22	Y315M-4	132
	39.2	129.18	Y315L1-4	160
	44.1	128.07	Y315L1-4	160
	49.0	127.18	Y315L3-4	185
	53.9	126.13	Y315L2-4	200
	58.8	125.04	Y315L2-4	200

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	配套电机Motor 型号 Type	配套电机Motor 功率 Power(kW)
1250	9.8	147.50	Y280S-4	75
	14.7	145.85	Y280M-4	90
	19.6	144.30	Y280M-4	90
	24.5	142.89	Y315S-4	110
	29.4	141.18	Y315M-4	132
	34.3	139.12	Y315M-4	132
	39.2	138.00	Y315L1-4	160
	44.1	136.82	Y315L1-4	160
	49.0	135.87	Y315L3-4	185
	53.9	134.75	Y315L2-4	200
	58.8	133.58	Y355M1-4	220
1360	9.8	160.48	Y280S-4	75
	14.7	158.68	Y280M-4	90
	19.6	156.99	Y315S-4	110
	24.5	155.46	Y315M-4	132
	29.4	153.60	Y315M-4	132
	34.3	151.36	Y315L1-4	160
	39.2	150.14	Y315L1-4	160
	44.1	148.86	Y315L3-4	185
	49.0	147.82	Y315L2-4	200
	53.9	146.60	Y355M1-4	220
	58.8	145.33	Y355M-4	250
1480 *	9.8	177.31	Y280S-4	75
	14.7	174.08	Y280M-4	90
	19.6	172.22	Y315S-4	110
	24.5	170.28	Y315M-4	132
	29.4	167.50	Y31511-4	160
	34.3	165.47	Y315L2-4	200
	39.2	164.21	Y315L2-4	200
	44.1	163.52	Y355M1-4	220
	49.0	162.72	Y355M1-4	220
	53.9	161.53	Y355M-4	250
	58.8	160.71	Y355M-4	250

AARF 型三叶罗茨鼓风机性能参数表
AARF three lobe Roots blower performance parameter table

AARF-350型罗茨鼓风机参数性能表
AARF-350 Roots Blower Parameter Performance Table

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 Moter 型号 Type	配套电机 Moter 功率 Power kW	配套电机 Moter 电压 Voltage	机组最大重量 Unit Maximum Weight Kg
730 *	97.80	9.8	164.0	37.20	Y280M-6	45	380	5000
		19.6	159.0	66.90	Y315M-6	75		5500
		29.4	155.0	96.60	Y315L2-6	110		
		39.2	151.0	126.0	Y355M2-6	160		
		49.0	148.0	156.0	Y355M3-6	185		
		58.8	146.0	186.0	Y355L-6	200		
		68.6	142.8	215.0	Y355L2-6	250		
800	195.2	9.8	181.0	40.80	Y280M-6	55	380	5000
		19.6	176.0	73.30	Y315M-6	90		5500
		29.4	172.0	106.0	Y315L2-6	132		
		39.2	168.0	138.0	Y355M1-6	160		
		49.0	165.0	171.0	Y355M2-6	185		
		58.8	163.0	204.0	Y355L1-6	220		6600
880	117.9	9.8	201.0	44.80	Y280M-6	55	380	5000
		19.6	196.0	80.60	Y315M-6	90		5500
		29.4	192.0	116.0	Y315L2-6	132		
		39.2	188.0	152.0	Y355M2-6	185		
		49.0	185.0	188.0	Y355L1-6	220		
		58.8	182.0	224.0	Y355L-6	250		6600
980 *	131.3	9.8	225.0	49.90	Y315S-6	75	380	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		
		49.0	209.0	209.0	Y355L-6	250		
		58.8	207.0	249.0	Y355L-6	280		6000
		58.8	203.9	289.0	Y4003-6	315		

AARF-395型罗茨鼓风机参数性能表
AARF-395 Roots Blower Parameter Performance Table

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 Moter 型号 Type	配套电机 Moter 功率 Power kW	机组最大重量 Unit Maximum Weight Kg
580	159.5	9.8	145.50	29.00	Y315S-10	45	5985 (5650)
		14.7	142.40	43.44	Y315M-10	55	
		19.6	139.70	58.00	Y315L1-10	75	
		24.5	137.40	72.39	Y355L2-10	90	
		29.4	135.30	86.87	Y355M1-10	110	
		34.3	133.30	101.34	Y355M2-10	132	
		39.2	131.50	115.82	Y355M2-10	132	
		44.1	129.88	130.30	Y400-10	185	
		49.0	128.28	144.77	Y400-10	185	
730 *	200.8	9.8	186.82	36.44	Y280M-8	45	
		14.7	183.68	54.67	Y315M-8	75	
		19.6	181.03	72.89	Y315L1-8	90	
		24.5	178.70	91.11	Y355L2-8	110	
		29.4	176.59	109.33	Y355M1-8	132	
		34.3	174.65	127.55	Y355M2-8	160	
		39.2	172.85	145.77	Y355M3-8	185	
		44.1	171.15	163.99	Y355L-8	200	
		49.0	169.55	182.21	Y400-8	250	
980 *	269.57	9.8	255.59	48.93	Y315S-6	75	
		14.7	252.44	73.39	Y315M-6	90	
		19.6	249.80	97.85	Y315L1-6	110	
		24.5	247.46	122.31	Y355M1-6	160	
		29.4	245.35	146.77	Y355M1-6	160	
		34.3	243.41	171.23	Y355M2-6	200	
		39.2	241.62	195.69	Y355L1-6	220	
		44.1	239.91	220.15	Y355L1-6	250	
		49.0	238.31	244.61	Y355L1-6	280	

AARF型三叶罗茨鼓风机性能参数表
AARF three lobe Roots blower performance parameter table

AAR-V 型罗茨真空泵性能参数表
AAR-V Roots Vacuum Pump Performance Parameter Table

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AARF-400型罗茨鼓风机参数性能表
AARF-400 Roots Blower Parameter Performance Table

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 Moter 型号 Type	配套电机 Moter 功率 Power kW	机组最大重量 Unit Maximum Weight Kg
580 *	180.3	9.8	165.27	33.09	Y315S-10	45	10130
		19.6	159.04	66.14	Y315L2-10	75	
		29.4	154.27	99.27	Y355M2-10	110	
		39.2	150.24	132.35	Y400-10	185	
		49.0	146.69	165.45	Y400-10	185	
		58.8	143.48	198.54	Y450-10	220	
		68.6	140.53	231.62	Y450-10	280	
		78.4	137.78	264.71	Y450-10	315	
		88.2	135.21	297.80	Y450-10	355	
730 *	255.81	9.8	211.89	41.65	Y315S-8	55	3890
		19.6	205.67	83.30	Y315L1-8	90	
		29.4	200.89	124.94	Y355M2-8	160	
		39.2	196.87	166.59	Y355M3-8	185	
		49.0	193.32	208.23	Y400-8	250	
		58.8	190.11	249.88	Y400-8	280	
		68.6	187.16	291.53	Y450-8	355	
		78.4	184.41	333.17	Y450-8	400	
		88.2	188.83	374.82	Y450-8	450	
980 *	343.42	9.8	289.21	55.91	Y315S-6	75	4160
		19.6	283.38	111.82	Y315L2-6	132	
		29.4	278.60	167.73	Y355M2-6	200	
		39.2	274.58	223.64	Y355L2-6	250	
		49.0	271.03	279.54	Y400-6	315	
		58.8	267.82	335.45	Y400-6	400	
		68.6	264.87	391.36	Y450-6	450	
		78.4	262.13	447.27	Y450-6	500	
		88.2	259.55	503.18	Y450-6	560	

AARF-450型罗茨鼓风机参数性能表
AARF-450 Roots Blower Parameter Performance Table

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 Moter 型号 Type	配套电机 Moter 功率 Power kW	机组最大重量 Unit Maximum Weight Kg
580 *	203.25	9.8	187.00	37.30	Y315S-10	45	10130
		19.6	180.27	74.60	Y355M1-10	90	
		29.4	175.11	111.90	Y355L1-10	132	
		39.2	170.76	149.20	Y400-10	185	
		49.0	166.92	186.50	Y450-10	220	
		58.8	163.46	223.80	Y450-10	280	
		68.6	160.27	261.10	Y450-10	315	
		78.4	157.31	298.40	Y450-10	355	
		88.2	154.52	335.70	Y500-10	400	
730 *	62.90	9.8	239.56	46.95	Y315S-8	55	10100
		19.6	232.84	93.90	Y315L2-8	110	
		29.4	227.67	140.84	Y355M2-8	160	
		39.2	223.32	187.78	Y400-8	220	
		49.0	219.49	234.73	Y400-8	250	
		58.8	216.02	281.68	Y450-8	355	
		68.6	212.83	328.63	Y450-8	400	
		78.4	209.87	375.57	Y450-8	450	
		88.2	207.08	422.52	Y500-8	500	
800	68.90	9.8	327.17	63.03	Y315S-6	75	9500
		19.6	320.44	126.05	Y315L2-6	132	
		29.4	315.28	189.07	Y355M2-6	200	
		39.2	310.93	252.09	Y355L-6	280	
		49.0	307.09	315.12	Y4004-6	355	
		58.8	303.62	378.15	Y450-6	450	
		68.6	300.44	441.17	Y450-6	500	
		78.4	297.47	504.19	Y450-6	560	
		88.2	294.69	567.22	Y450-6	630	

AAR-50V型罗茨鼓风机参数性能表
AAR-50V Roots Blower Parameter Performance Table

转速 Rotary Speed r/min	真空度 Pressure Rise kpa	流量 Capacity m3/min	配套电机 Moter 型号 Type	配套电机 Moter 功率 Power kW
1230	-13.3	1.29	Y80M2-4	0.75
	-19.9	1.20	Y80M2-4	0.75
	-26.6	1.10	Y90S-4	1.1
	-33.3	1.02	Y90L-4	1.5
1350	-13.3	1.45	Y80M2-4	0.75
	-19.9	1.36	Y90S-4	1.1
	-26.6	1.26	Y90L-4	1.5
	-33.3	1.16	Y90L-4	1.5
1470	-13.3	1.62	Y90S-4	1.1
	-19.9	1.54	Y90S-4	1.1
	-26.6	1.45	Y90L-4	1.5
	-33.3	1.35	Y90L-4	1.5
	-39.2	1.25	Y100L1-4	2.2
	-44.1	1.21	Y100L1-4	2.2
1560	-13.3	1.76	Y90S-4	1.1
	-19.9	1.69	Y90L-4	1.5
	-26.6	1.60	Y90L-4	1.5
	-33.3	1.50	Y100L1-4	2.2
	-39.2	1.37	Y100L1-4	2.2
	-44.1	1.31	Y100L1-4	2.2
1660	-13.3	1.88	Y90S-4	1.1
	-19.9	1.81	Y90L-4	1.5
	-26.6	1.71	Y100L1-4	2.2
	-33.3	1.61	Y100L1-4	2.2
	-39.2	1.48	Y100L1-4	2.2
	-44.1	1.42	Y100L1-4	2.2
1750	-13.3	1.99	Y90L-4	1.5
	-19.9	1.92	Y90L-4	1.5
	-26.6	1.82	Y100L1-4	2.2
	-33.3	1.71	Y100L1-4	2.2
	-39.2	1.58	Y100L1-4	2.2
	-44.1	1.52	Y100L2-4	3.0
1850	-13.3	2.12	Y90L-4	1.5
	-19.9	2.05	Y100L1-4	2.2
	-26.6	1.95	Y100L1-4	2.2
	-33.3	1.84	Y100L1-4	2.2
	-39.2	1.71	Y100L2-4	3.0
	-44.1	1.64	Y100L2-4	3.0

AAR-65V型罗茨鼓风机参数性能表
AAR-65V Roots Blower Parameter Performance Table

转速 Rotary Speed r/min	升压 Pressure Rise kpa	流量 Capacity m3/min	配套电机 Moter 型号 Type	配套电机 Moter 功率 Power kW
1360	-13.3	2.08	Y90S-4	1.1
	-19.9	1.93	Y90L-4	1.5
	-26.6	1.78	Y100L1-4	2.2
	-33.3	1.64	Y100L1-4	2.2
1460	-13.3	2.27	Y90L-4	1.5
	-19.9	2.13	Y90L-4	1.5
	-26.6	1.99	Y100L1-4	2.2
	-33.3	1.84	Y100L1-4	2.2
	-39.2	1.70	Y100L2-4	3.0
	-44.1	1.61	Y100L2-4	3.0
1550	-13.3	2.47	Y90L-4	1.5
	-19.9	2.32	Y100L1-4	2.2
	-26.6	2.17	Y100L1-4	2.2
	-33.3	2.03	Y100L1-4	2.2
	-39.2	1.88	Y100L2-4	3.0
	-44.1	1.80	Y100L2-4	3.0
1670	-13.3	2.70	Y90L-4	1.5
	-19.9	2.56	Y100L1-4	2.2
	-26.6	2.42	Y100L1-4	2.2
	-33.3	2.27	Y100L2-4	3.0
	-39.2	2.13	Y100L2-4	3.0
	-44.1	2.05	Y112M-4	4.0
1770	-13.3	2.90	Y90L-4	1.5
	-19.9	2.76	Y100L1-4	2.2
	-26.6	2.62	Y100L1-4	2.2
	-33.3	2.49	Y100L2-4	3.0
	-39.2	2.35	Y112M-4	4.0
	-44.1	2.27	Y112M-4	4.0
1860	-13.3	3.08	Y100L1-4	2.2
	-19.9	2.94	Y100L1-4	2.2
	-26.6	2.80	Y100L2-4	3.0
	-33.3	2.65	Y100L2-4	3.0
	-39.2	2.51	Y112M-4	4.0
	-44.1	2.44	Y112M-4	4.0

AAR-80V型罗茨鼓风机参数性能表
AAR-80V Roots Blower Parameter Performance Table

转速 Rotary Speed r/min	真空度 Pressure Rise kpa	流量 Capacity m3/min	配套电机 Moter 型号 Type	配套电机 Moter 功率 Power kW
1240	-13.3	3.29	Y100L1-4	2.2
	-19.9	3.15	Y100L1-4	2.2
	-26.6	3.00	Y100L2-4	3.0
	-33.3	2.85	Y100L2-4	3.0
	-39.9	2.69	Y112M-4	4.0
	-43.9	2.62	Y112M-4	4.0
1300	-13.3	3.49	Y100L1-4	2.2
	-19.9	3.35	Y100L1-4	2.2
	-26.6	3.20	Y100L2-4	3.0
	-33.3	3.05	Y112M-4	4.0
	-39.9	2.89	Y112M-4	4.0
	-43.9	2.82	Y112M-4	4.0
1370	-13.3	3.73	Y100L1-4	2.2
	-19.9	3.59	Y100L1-4	2.2
	-26.6	3.44	Y100L2-4	3.0
	-33.3	3.29	Y112M-4	4.0
	-39.9	3.13	Y132S-4	5.5
	-43.9	3.06	Y132S-4	5.5
1470	-13.3	4.03	Y100L1-4	2.2
	-19.9	3.89	Y100L2-4	3.0
	-26.6	3.74	Y100L2-4	3.0
	-33.3	3.59	Y112M-4	4.0
	-39.9	3.43	Y132S-4	5.5
	-43.9	3.35	Y132S-4	5.5
1570	-13.3	4.35	Y100L1-4	2.2
	-19.9	4.21	Y100L2-4	3.0
	-26.6	4.07	Y112M-4	4.0
	-33.3	3.92	Y132S-4	5.5
	-39.9	3.77	Y132S-4	5.5
	-43.9	3.66	Y132S-4	5.5
1660	-13.3	4.64	Y100L1-4	2.2
	-19.9	4.51	Y100L2-4	3.0
	-26.6	4.37	Y112M-4	4.0
	-33.3	4.22	Y132S-4	5.5
	-39.9	4.06	Y132S-4	5.5
	-43.9	3.96	Y132S-4	5.5
1750	-13.3	4.95	Y100L2-4	3.0
	-19.9	4.81	Y112M-4	4.0
	-26.6	4.67	Y112M-4	4.0
	-33.3	4.53	Y132S-4	5.5
	-39.9	4.38	Y132S-4	5.5
	-43.9	4.27	Y132S-4	5.5
1840	-13.3	5.23	Y100L2-4	3.0
	-19.9	5.10	Y112M-4	4.0
	-26.6	4.96	Y132S-4	5.5
	-33.3	4.81	Y132S-4	5.5
	-39.9	4.65	Y132S-4	5.5
	-43.9	4.55	Y132M-4	7.5

AAR-100V型罗茨鼓风机参数性能表
AAR-100V Roots Blower Parameter Performance Table

转速 Rotary Speed r/min	真空度 Pressure Rise kpa	流量 Capacity m3/min	配套电机 Moter 型号 Type	配套电机 Moter 功率 Power kW
1160	-13.3	4.83	Y100L2-4	3.0
	-19.9	4.56	Y100L2-4	3.0
	-26.6	4.29	Y112M-4	4.0
	-33.3	4.03	Y132S-4	5.5
	-39.9	3.78	Y132S-4	5.5
	-43.9	3.63	Y132M-4	7.5
1240	-13.3	5.27	Y100L2-4	3.0
	-19.9	4.99	Y112M-4	4.0
	-26.6	4.72	Y112M-4	4.0
	-33.3	4.46	Y132S-4	5.5
	-39.9	4.20	Y132S-4	5.5
	-43.9	4.07	Y132M-4	7.5
1320	-13.3	5.80	Y100L2-4	3.0
	-19.9	5.54	Y112M-4	4.0
	-26.6	5.27	Y132S-4	5.5
	-33.3	5.01	Y132S-4	5.5
	-39.9	4.74	Y132M-4	7.5
	-43.9	4.58	Y132M-4	7.5
1480	-13.3	6.51	Y100L2-4	3.0
	-19.9	6.28	Y112M-4	4.0
	-26.6	6.05	Y132S-4	5.5
	-33.3	5.82	Y132S-4	5.5
	-39.9	5.60	Y132M-4	7.5
	-43.9	5.47	Y132M-4	7.5
1580	-13.3	6.99	Y100L2-4	3.0
	-19.9	6.77	Y112M-4	4.0
	-26.6	6.55	Y132S-4	5.5
	-33.3	6.33	Y132M-4	7.5
	-39.9	6.10	Y132M-4	7.5
	-43.9	5.96	Y132M-4	7.5
1700	-13.3	7.57	Y112M-4	4.0
	-19.9	7.37	Y132S-4	5.5
	-26.6	7.16	Y132S-4	5.5
	-33.3	6.95	Y132M-4	7.5
	-39.9	6.73	Y132M-4	7.5
	-43.9	6.60	Y160M-4	11
1790	-13.3	8.00	Y112M-4	4.0
	-19.9	7.81	Y132S-4	5.5
	-26.6	7.60	Y132S-4	5.5
	-33.3	7.38	Y132M-4	7.5
	-39.9	7.15	Y160M-4	11
	-43.9	7.01	Y160M-4	11

AAR-125V型罗茨鼓风机参数性能表
AAR-125V Roots Blower Parameter Performance Table

转速 Rotary Speed r/min	真空度 Pressure Rise kpa	流量 Capacity m3/min	配套电机 Moter 型号 Type	配套电机 Moter 功率 Power kW
980	-13.3	6.24	Y132M2-6	5.5
	-19.9	5.97	Y132M2-6	5.5
	-26.6	5.70	Y132M2-6	5.5
	-33.3	5.42	Y132M2-6	5.5
	-39.9	5.14	Y160M-6	7.5
	-43.9	5.01	Y160M-6	7.5
1200	-13.3	7.77	Y132S-4	5.5
	-19.9	7.51	Y132S-4	5.5
	-26.6	7.25	Y132M-4	7.5
	-33.3	6.98	Y132M-4	7.5
	-39.9	6.96	Y160M-4	11
	-43.9	6.58	Y160M-4	11
1310	-13.3	8.57	Y132S-4	5.5
	-19.9	8.36	Y132S-4	5.5
	-26.6	8.13	Y132M-4	7.5
	-33.3	7.88	Y160M-4	11
	-39.9	7.61	Y160M-4	11
	-43.9	7.44	Y160M-4	11
1470	-13.3	9.70	Y132S-4	5.5
	-19.9	9.48	Y132M-4	7.5
	-26.6	9.25	Y132M-4	7.5
	-33.3	9.02	Y160M-4	11
	-39.9	8.78	Y160M-4	11
	-43.9	8.50	Y160M-4	11
1550	-13.3	10.37	Y132S-4	5.5
	-19.9	10.10	Y132M-4	7.5
	-26.6	9.82	Y160M-4	11
	-33.3	9.58	Y160M-4	11
	-39.9	9.33	Y160M-4	11
	-43.9	9.13	Y160M-4	15
1650	-13.3	11.00	Y132S-4	5.5
	-19.9	10.70	Y132M-4	7.5
	-26.6	10.50	Y160M-4	11
	-33.3	10.30	Y160M-4	11
	-39.9	10.10	Y160L-4	15
	-43.9	9.64	Y160L-4	15
1770	-13.3	11.80	Y132M-4	7.5
	-19.9	11.50	Y160M-4	11
	-26.6	11.30	Y160M-4	11
	-33.3	11.10	Y160M-4	15
	-39.9	10.90	Y160L-4	15
	-43.9	10.38	Y160L-4	15

AAR-150V型罗茨鼓风机参数性能表
AAR-150V Roots Blower Parameter Performance Table

转速 Rotary Speed r/min	升压 Pressure Rise kpa	流量 Capacity m3/min	配套电机 Moter 型号 Type	配套电机 Moter 功率 Power kW
990	-13.3	15.60	Y160M-6	7.5
	-19.9	15.15	Y160M-6	7.5
	-26.6	14.70	Y160L-6	11
	-33.3	14.25	Y180L-6	15
	-39.9	13.80	Y180L-6	15
	-46.6	13.35	Y200L1-6	18.5
	-53.3	12.90	Y200L1-6	18.5
	-59.9	12.45	Y200L2-6	22
	-66.6	12.00	Y225M-6	30
	-73.3	11.55	Y225M-6	30
	-79.9	11.10	Y225M-6	30
1200	-13.3	19.20	Y160M-4	11
	-19.9	18.73	Y160M-4	11
	-26.6	18.25	Y160L-4	15
	-33.3	17.77	Y180M-4	18.5
	-39.9	17.30	Y180M-4	18.5
	-46.6	16.82	Y180L-4	22
	-53.3	16.35	Y220L-4	30
	-59.9	15.87	Y220L-4	30
	-66.6	15.40	Y220L-4	30
	-73.3	14.93	Y225S-4	37
	-79.9	14.45	Y225S-4	37
1410	-13.3	22.50	Y160L-4	15
	-19.9	22.10	Y160L-4	15
	-26.6	21.70	Y180M-4	18.5
	-33.3	21.30	Y180L-4	22
	-39.9	20.90	Y200L-4	30
	-46.6	20.50	Y200L-4	30
	-53.3	20.10	Y200L-4	30
	-59.9	19.70	Y225S-4	37
	-66.6	19.30	Y225S-4	37
	-73.3	18.90	Y225S-4	37
	-79.9	18.50	Y225M-4	45
1670	-13.3	26.50	Y180M-4	18.5
	-19.9	26.00	Y180L-4	22
	-26.6	25.50	Y180L-4	22
	-33.3	25.00	Y200L-4	30
	-39.9	24.50	Y200L-4	30
	-46.6	24.00	Y225S-4	37
	-53.3	23.50	Y225S-4	37
	-59.9	23.00	Y225M-4	45
	-66.6	22.50	Y225M-4	45
	-73.3	22.00	Y225M-4	45
	-79.9	21.50	Y250M-4	55

AAR-175V型罗茨鼓风机参数性能表
AAR-175V Roots Blower Parameter Performance Table

转速 Rotary speed (r/min)	真空度 Vacuum Degree (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
970 *	-13.3	21.29	8.09	Y160L-4	15
	-19.9	20.43	11.19	Y160L-4	15
	-26.6	19.57	13.69	Y180M-4	18.5
	-33.3	18.86	15.85	Y180M-4	18.5
	-39.9	18.01	19.00	Y180L-4	22
	-46.6	17.26	22.19	Y200L-4	30
1110	-13.3	24.84	10.07	Y160L-4	15
	-19.9	23.90	13.81	Y160L-4	15
	-26.6	23.10	16.65	Y180L-4	22
	-33.3	22.55	19.14	Y180L-4	22
	-39.9	21.51	21.77	Y200L-4	30
	-46.6	19.89	25.39	Y200L-4	30
1180	-13.3	26.63	11.46	Y160L-4	15
	-19.9	25.75	14.56	Y180M-4	18.5
	-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
	-46.6	22.10	27.14	Y200L-4	30
1240	-13.3	28.18	11.96	Y160L-4	15
	-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
	-46.6	23.42	28.86	Y225S-4	37

转速 Rotary speed (r/min)	真空度 Vacuum Degree (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
1400 *	-13.3	32.18	14.20	Y180M-4	18.5
	-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
	-46.6	28.02	33.12	Y225S-4	37
1520	-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
	-46.6	30.98	36.84	Y225M-4	45
1620	-13.3	37.47	18.02	Y180L-4	22
	-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
	-46.6	32.59	40.58	Y225M-4	45
1730	-13.3	40.00	22.19	Y200L-4	30
	-19.9	39.12	26.00	Y200L-4	30
	-26.6	38.22	30.85	Y225S-4	37
	-33.3	37.66	35.35	Y225M-4	45
	-39.9	36.67	39.61	Y225M-4	45
	-46.6	34.68	44.80	Y225M-4	45

AAR-200BV型罗茨鼓风机参数性能表
AAR-200BV Roots Blower Parameter Performance Table

转速 Rotary speed (r/min)	真空度 Vacuum Degree (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
970 *	-13.3	21.29	8.09	Y160L-4	15
	-19.9	20.43	11.19	Y160L-4	15
	-26.6	19.57	13.69	Y180M-4	18.5
	-33.3	18.86	15.85	Y180M-4	18.5
	-39.9	18.01	19.00	Y180L-4	22
	-46.6	17.26	22.19	Y200L-4	30
1110	-13.3	24.84	10.07	Y160L-4	15
	-19.9	23.90	13.81	Y160L-4	15
	-26.6	23.10	16.65	Y180L-4	22
	-33.3	22.55	19.14	Y180L-4	22
	-39.9	21.51	21.77	Y200L-4	30
	-46.6	19.89	25.39	Y200L-4	30
1180	-13.3	26.63	11.46	Y160L-4	15
	-19.9	25.75	14.56	Y180M-4	18.5
	-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
	-46.6	22.10	27.14	Y200L-4	30
1240	-13.3	28.18	11.96	Y160L-4	15
	-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
	-46.6	23.42	28.86	Y225S-4	37

转速 Rotary speed (r/min)	真空度 Vacuum Degree (kPa)	流量 Capacity (m^3/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
1400 *	-13.3	32.18	14.20	Y180M-4	18.5
	-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
	-46.6	28.02	33.12	Y225S-4	37
1520	-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
	-46.6	30.98	36.84	Y225M-4	45
1620	-13.3	37.47	18.02	Y180L-4	22
	-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
	-46.6	32.59	40.58	Y225M-4	45
1730	-13.3	40.00	22.19	Y200L-4	30
	-19.9	39.12	26.00	Y200L-4	30
	-26.6	38.22	30.85	Y225S-4	37
	-33.3	37.66	35.35	Y225M-4	45
	-39.9	36.67	39.61	Y225M-4	45
	-46.6	34.68	44.80	Y225M-4	45

AAR-200V/250V型罗茨真空泵参数性能表

AAR-200V/250V Roots Vacuum Pump Parameter Performance Table

转速 Rotary speed (r/min)	真空度 Vacuum Degree (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
810	-13.3	31.07	10.38	Y180M-4	18.5
	-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	27.75	Y200L-4	30
	-46.6	25.72	32.41	Y225S-4	37
	-53.3	24.36	27.07	Y225M-4	45
900	-13.3	34.92	12.49	Y180M-4	18.5
	-19.9	33.98	17.37	Y180L-4	22
	-26.6	33.17	22.01	Y200L-4	30
	-33.3	32.28	26.82	Y200L-4	30
	-39.9	31.16	31.49	Y225S-4	37
	-46.6	29.76	36.01	Y225M-4	45
	-53.3	28.36	41.19	Y225M-4	45
980 *	-13.3	38.39	14.40	Y180M-4	18.5
	-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	Y225M-4	45
	-46.6	34.60	39.21	Y225M-4	45
	-53.3	34.10	44.85	Y250M-4	55
1070	-13.3	42.37	16.95	Y180L-4	22
	-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	Y225M-4	45
	-46.6	36.37	42.82	Y250M-4	55
	-53.3	33.88	48.97	Y250M-4	55
1150	-13.3	45.90	18.61	Y180L-4	22
	-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
	-46.6	40.96	46.16	Y250M-4	55
	-53.3	39.42	52.63	Y280S-4	75
1230	-13.3	49.01	20.58	Y200L-4	30
	-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
	-46.6	43.78	50.74	Y250M-4	55
	-53.3	41.69	56.29	Y280S-4	75
1310	-13.3	52.26	23.03	Y200L-4	30
	-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
	-46.6	46.60	55.13	Y280S-4	75
	-53.3	43.96	59.96	Y280S-4	75
1390	-13.3	55.22	25.15	Y200L-4	30
	-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
	-46.6	49.44	59.57	Y280S-4	75
	-53.3	44.24	64.11	Y280S-4	75
1480 *	-13.3	58.65	27.52	Y200L-4	30
	-19.9	58.17	34.85	Y225M-4	45
	-26.6	57.64	43.13	Y250M-4	55
	-33.3	57.05	51.20	Y280S-4	75
	-39.9	56.46	59.06	Y280S-4	75
	-46.6	52.61	63.76	Y280S-4	75
	-53.3	48.76	68.46	Y280S-4	75

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	
				型号 Type	功率 Power(kW)
990 *	-13.3	62.70	25.15	Y200L-4	30
	-19.9	62.10	33.54	Y225M-4	45
	-26.6	61.00	45.15	Y250M-4	55
	-33.3	60.20	51.36	Y280S-4	75
	-39.9	59.50	57.26	Y280S-4	75
	-46.6	58.90	64.42	Y280S-4	75
	-53.3	58.20	71.58	Y280M-4	90
1170	-13.3	73.90	31.06	Y225S-4	37
	-19.9	73.00	36.99	Y225M-4	45
	-26.6	72.20	50.75	Y250M-4	55
	-33.3	71.40	57.12	Y280S-4	75
	-39.9	70.50	65.28	Y280S-4	75
	-46.6	69.40	72.59	Y280M-4	90
	-53.3	68.30	82.27	Y280M-4	90
1250	-13.3	78.60	34.20	Y225M-4	45
	-19.9	77.50	40.60	Y225M-4	45
	-26.6	76.40	55.58	Y280S-4	75
	-33.3	75.50	61.05	Y280S-4	75
	-39.9	74.10	69.75	Y280S-4	75
	-46.6	63.00	78.47	Y280M-4	90
	-53.3	71.90	87.90	Y315S-4	110
1360	-13.3	86.60	37.21	Y225M-4	45
	-19.9	85.90	44.18	Y250M-4	55
	-26.6	84.80	60.47	Y280S-4	75
	-33.3	83.70	68.63	Y280S-4	75
	-39.9	82.00	78.66	Y280M-4	90
	-46.6	80.10	87.38	Y315S-4	110
	-53.3	78.20	96.10	Y315S-4	110
1480 *	-13.3	93.20	40.50	Y225M-4	45
	-19.9	91.70	46.80	Y250M-4	55
	-26.6	89.80	63.43	Y280S-4	75
	-33.3	88.50	72.26	Y280M-4	90
	-39.9	87.80	82.58	Y280M-4	90
	-46.6	86.20	92.91	Y315S-4	110
	-53.3	84.60	104.07	Y315S-4	110

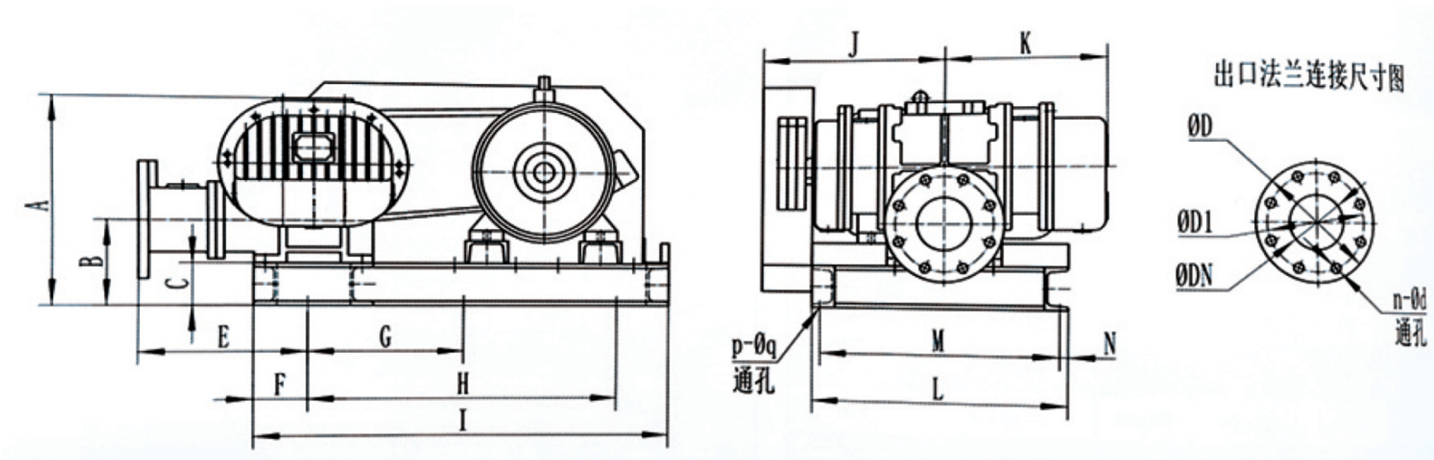
AAR-V 型罗茨真空泵性能参数表
AAR-V Roots Vacuum Pump Performance Parameter Table

AAR-300V/350V型罗茨真空泵参数性能表

AAR-300V/350V Roots Vacuum Pump Parameter Performance Table

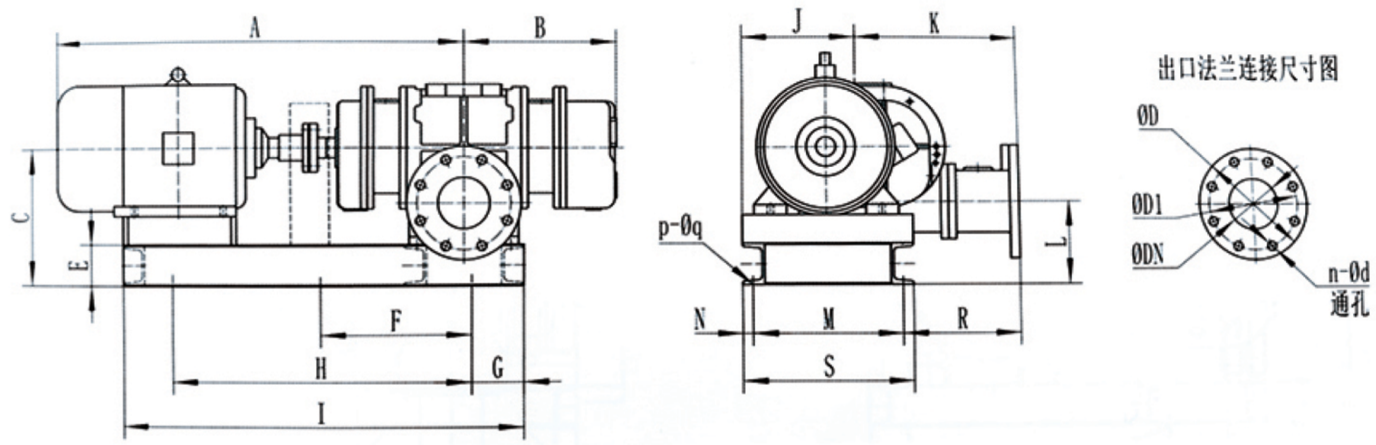
转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m³/min)	轴功率 Shaft Power (kW)	配套电机Motor	
				型号 Type	功率 Power(kW)
980 *	-13.3	89.00	41.34	Y225M-4	45
	-19.9	88.40	47.25	Y250M-4	55
	-26.6	87.80	62.00	Y280S-4	75
	-33.3	87.00	70.58	Y280M-4	90
	-39.9	86.20	82.68	Y280M-4	90
	-46.6	85.10	87.54	Y315S-4	110
	-53.3	84.00	96.69	Y315S-4	110
1170	-13.3	105.4	45.11	Y250M-4	55
	-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
	-46.6	98.80	103.49	Y315S-4	110
	-53.3	96.80	114.98	Y315M-4	132
1250	-13.3	112.5	48.20	Y250M-4	55
	-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
	-46.6	108.0	110.57	Y315M-4	132
	-53.3	106.9	122.08	Y315M-4	132
1360	-13.3	125.4	52.44	Y280S-4	75
	-19.9	124.5	64.93	Y280S-4	75
	-26.6	123.4	83.14	Y280M-4	90
	-33.3	122.5	94.68	Y315S-4	110
	-39.9	121.2	108.21	Y315M-4	132
	-46.6	120.0	120.30	Y315M-4	132
	-53.3	118.8	132.83	Y315L1-4	160
1480 *	-13.3	136.3	52.44	Y280S-4	75
	-19.9	135.4	64.93	Y280S-4	75
	-26.6	134.2	83.14	Y280M-4	90
	-33.3	133.0	94.68	Y315S-4	110
	-39.9	131.5	108.21	Y315M-4	132
	-46.6	130.0	120.30	Y315M-4	132
	-53.3	128.5	132.83	Y315L1-4	160

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	
				型号 Type	功率 Power(kW)
730 *	-13.3	85.50	62.00	Y280S-4	75
	-19.9	84.20	68.52	Y280M-4	90
	-26.6	83.10	74.81	Y280M-4	90
	-33.3	82.00	82.20	Y280M-4	90
	-39.9	80.90	88.50	Y315S-4	110
	-46.6	79.90	95.30	Y315S-4	110
990 *	-13.3	116.82	65.82	Y280S-4	75
	-19.9	115.12	72.20	Y280M-4	90
	-26.6	114.01	81.82	Y315S-4	110
	-33.3	112.18	91.30	Y315S-4	110
	-39.9	110.82	102.51	Y315M-4	132
	-43.9	109.03	121.68	Y315M-4	132
1170	-13.3	138.06	77.78	Y280M-4	75
	-19.9	136.05	85.32	Y315S-4	110
	-26.6	134.73	96.69	Y315S-4	110
	-33.3	132.57	107.89	Y315S-4	110
	-39.9	130.96	121.14	Y315M-4	132
	-43.9	128.85	143.80	Y315L1-4	160
1250	-13.3	147.50	83.09	Y315S-4	110
	-19.9	145.35	91.15	Y315S-4	110
	-26.6	143.94	103.30	Y315M-4	132
	-33.3	141.63	115.36	Y315M-4	132
	-39.9	139.91	129.42	Y315L1-4	160
	-43.9	137.66	153.62	Y315L-4	185
1360	-13.3	160.48	90.40	Y315S-4	110
	-19.9	158.14	99.17	Y315S-4	110
	-26.6	156.60	112.39	Y315M-4	132
	-33.3	154.09	125.40	Y315L1-4	160
	-39.9	152.22	140.80	Y315L1-4	160
	-43.9	149.77	167.13	Y315L-4	185
1480 *	-13.3	176.30	98.37	Y315S-4	110
	-19.9	175.40	107.92	Y315M-4	132
	-26.6	174.10	122.30	Y315M-4	132
	-33.3	172.80	136.46	Y315L1-4	160
	-39.9	170.60	153.22	Y315L-4	160
	-43.9	169.40	181.87	Y315L2-4	185



风机型号	配套电机	A	B	C	ΦD	ΦDN	ΦD1	n-Φd	E	F	G	H	I	J	K (Max)	L	M	N	P-Φq
AAR50	Y80M-4 Y90S/L-4 Y100L-4 Y112M-4	295	120	80	165	50	125	4-Φ18	230	75	—	410	560	240	205	300	270	15	4-Φ18
	Y132S-4								255	100		450	650	245	255	340	310		
AAR65	Y80M-4 Y90S/L-4 Y100L-4 Y112M-4 Y132S-4	307	130	80	165	65	145	4-Φ18	265	100	—	450	650	263	235	340	310	15	4-Φ18
	Y132S-4									100		500	700	288	265	360	330		
AAR80	Y100L-4 Y112M-4 Y32S/M-4	383	150	80	200	80	160	8-Φ18	300	100	—	500	700	303	255	360	330	15	4-Φ18
	Y160M/L-4									100		580	780	303	385	470	440		
AAR100	Y100L-4 Y112M-4 Y132S/M-4 Y160M/L-4 Y180M-4	390	160	80	220	100	180	8-Φ18	310	100	—	580	780	340	350	470	440	15	4-Φ18
AAR125	Y100L-4 Y112M-4 Y132S/M-4 Y160M/L-4 Y180M-4	460	190	100	250	125	210	8-Φ18	305	80	—	700	860	350	350	470	440	15	4-Φ18
	Y180L-4 Y200L-4								350	125		750	1000	350	440	550	510	20	
AAR150	Y132M-4 Y160M/L-4 Y180M/L-4 Y200L-4 Y225S/M-4	580	235	120	285	150	240	8-Φ18	420	155	—	750	1060	455	415	590	550	20	4-Φ18
	Y250M-4 Y280S-4								440	175		800	1150	455	570	700	656	22	
AAR175	Y160M/L-4 Y180M/L-4 Y200L-4 Y225S/M-4 Y250M-4	570	270	120	285	150	240	8-Φ22	420	175	—	800	1150	535	505	700	656	22	4-Φ18
AAR200	Y160L-4 Y180M/L-4 Y200L-4 Y225S/M-4 Y250M-4 Y280S/M-4 Y315S-4	710	270	140	340	200	295	8-Φ22	520	200	500	1000	1400	585	605	755	705	25	6-Φ18
AAR250	Y225S/M-4 Y250M-4 Y280S/M-4 Y315M/L-4	910	370	160	395	250	350	12-Φ22	593	205	745	1490	1900	725	700	950	890	30	6-Φ18
AAR300	Y225S/M-4 Y250M-4 Y280S/M-4 Y315M/L-4 Y355M-4	990	395	160	445	300	400	12-Φ22	603	205	745	1490	1900	815	750	950	890	30	6-Φ18
AAR350	Y250M-4 Y280S/M-4 Y315M/L-4 Y355M-4	990	395	160	505	350	460	16-Φ22	653	255	745	1490	2000	920	815	1180	1120	30	6-Φ18

注意：1、详细尺寸已发货图纸为准。
2、大型风机底座随点击大小定。
3、用户可根据现场选用出口消音器



风机型号	配套电机	A (Max)	B	C	ΦD	ΦDN	ΦD1	n-Φd	E	F	G	H	I	J	K (Max)	L	M	N	P-Φq	R	S
AAR50	Y80 Y90S/L Y100 Y112M	615	205	212	165	50	125	4-Φ18	80	—	80	400	560	175	250	120	235	20	4-Φ18	170	275
	Y132S-4	725		205								480	640			127					
AAR65	Y90SS/L Y100L	620	228	215	185	65	145	4-Φ18	80	—	80	440	600	175	260	130	235	20	4-Φ18	180	275
	Y112M Y132S/M	750										540	700								
AAR80	Y100L Y112M Y32S/M-4	775	255	260	200	80	160	8-Φ18	80	—	80	540	700	220	310	150	290	20	4-Φ18	220	330
	Y160M/L	875										640	800								
AAR100	Y100L Y112M Y32S/M	815	295	267	220	100	180	8-Φ18	80	—	100	580	780	220	320	160	290	20	4-Φ18	230	330
	Y160M/L	960								360		720	920						6-Φ18		
AAR125	Y132S/M Y160M	940	320	317	250	125	210	8-Φ18	100	340	100	680	880	250	375	190	356	22	6-Φ18	247	400
	Y160L Y180M/L	1060								390		780	980								
AAR150	Y160M Y180M/L Y200L Y225S/M	1270	417	413	285	150	240	8-Φ22	120	505	120	1010	1250	305	430	235	470	25	6-Φ18	290	520
	Y250M Y280S	1420								560		1120	1360	358			525			258	575
AAR175	Y160L Y180M/L Y200L	1275	505	385	285	150	240	8-Φ22	120	555	120	1110	1350	283	430	270	420	25	6-Φ18	268	470
	Y250S/M Y250M	1430								630		1260	1500	343			480				530
AAR200	Y180L Y200L Y225S/M Y250M Y280S	1545	510	485	340	200	295	8-Φ22	140	575	200	1150	1550	385	540	270	610	25	6-Φ18	291	660
	Y280M Y315S	1680								675		1350	1750	425			650				700
AAR250	Y225M Y250M Y280S/M Y355M	1690	610	580	395	250	350	12-Φ22	160	650	200	1300	1700	510	730	370	780	30	6-Φ23	345	840
	Y315S/M	2170								730		1460	1860				820				880
AAR300	Y225M Y250M Y280S/M Y315S	1935	695	670	445	300	400	12-Φ22	160	690	250	1380	1880	506	740	395	820	30	6-Φ26	355	880
	Y315M/L Y355M	2240								800		1600	2100	520			870				930
AAR350	Y280S/M Y315S/M	2070	815	670	505	350	460	16-Φ22	160	750	350	1500	2200	510	740	395	820	30	6-Φ26	355	880
	Y315L Y355M	2360								850		1700	2400	520			870				930

注意：1、详细尺寸已发货图纸为准。
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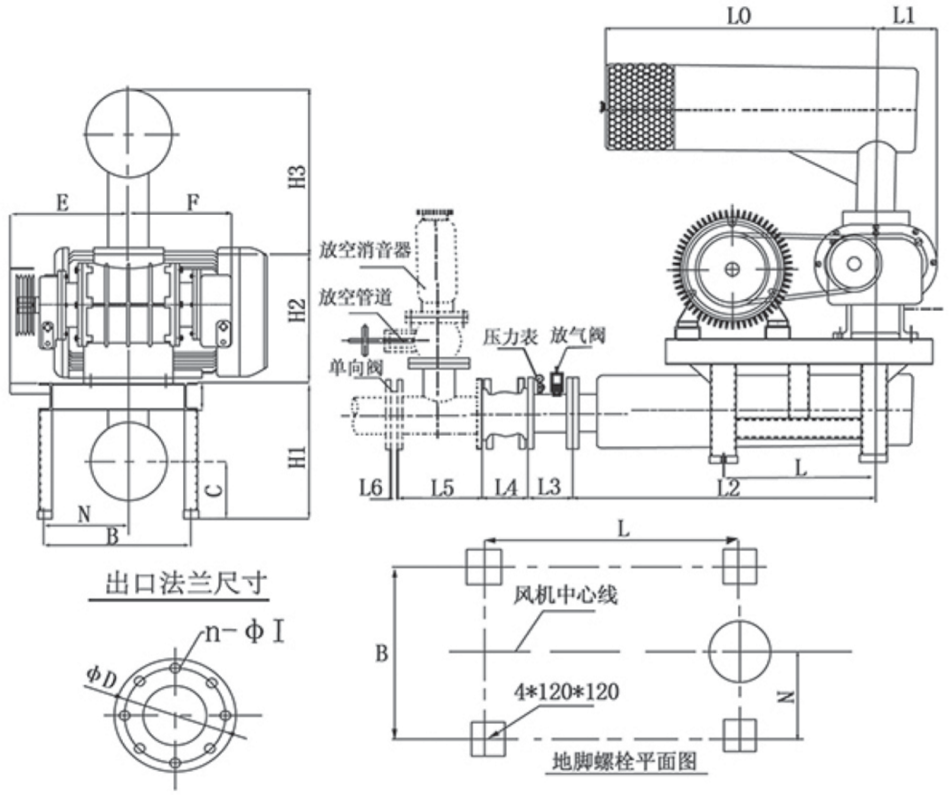
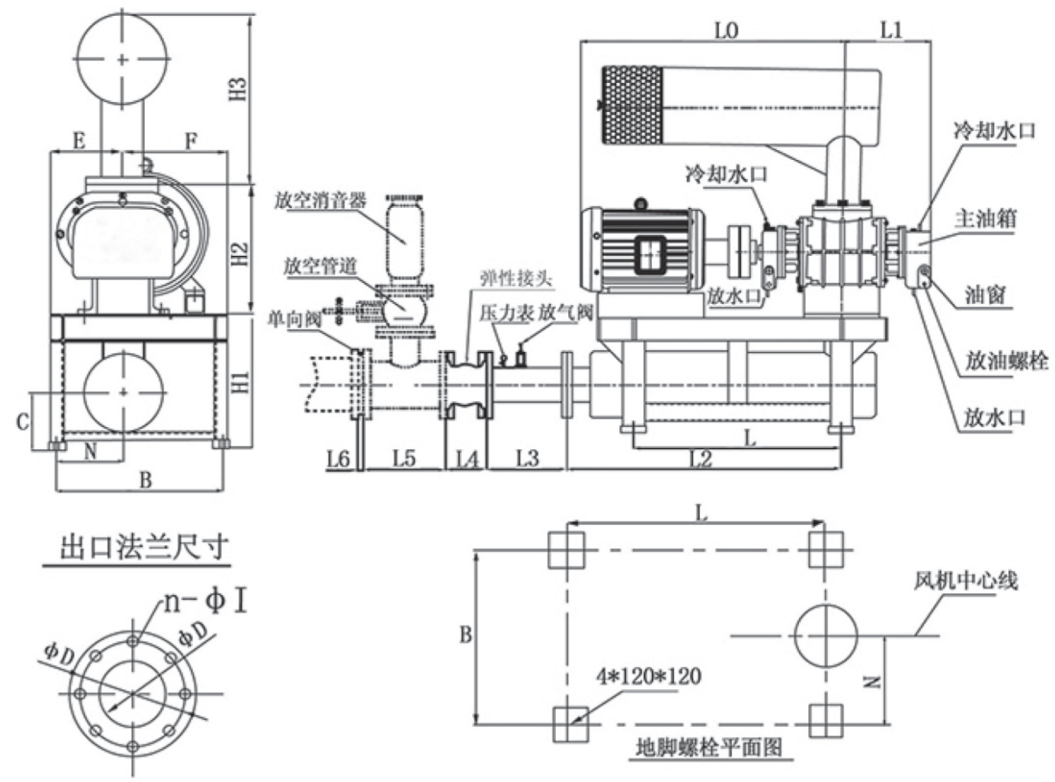
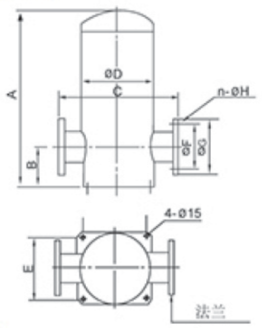


型号	L	B	L0	L1	L2	L3	L4	L5	L6	Nd	Ns	C	Ed	Es	F	H1	H2	H3	D	n ϕ I
AAR80	500	360	700	175	800	150	135	275	19	165	220	150	245	300	240	375	310	420	160	8–18
AAR100	520	470	750	175	1050	150	150	290	19	205	260	160	285	340	280	400	315	450	180	8–18
AAR125	590	500	775	200	1100	150	165	315	21	200	250	185	290	356	290	450	370	453	210	8–18
AAR150A	600	590	1050	240	1200	180	180	340	24	215	295	210	335	400	320	500	470	600	240	8–22
AAR150	600	590	1050	240	1200	180	180	340	24	270	335	210	390	450	375	500	470	600	240	8–22
AAR200H	760	755	1320	330	1700	225	190	400	29	325	400	250	485	555	465	580	570	730	295	8–22
AAR200	760	755	1320	330	1700	225	190	400	29	380	460	250	536	605	515	580	570	730	295	8–22



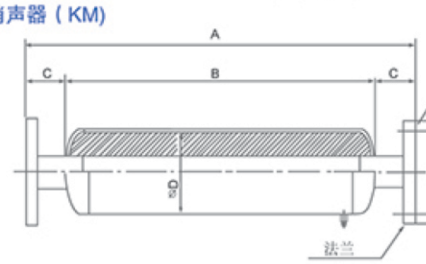
型号	L	B	L0	L1	L2	L3	L4	L5	L6	N	C	E	F	H1	H2	H3	D	N-φI
AAR80	500	450	780	240	800	150	135	275	19	190	150	260	260	375	310	420	160	8–18
AAR100	600	450	820	280	1050	150	150	290	19	190	160	260	260	400	315	450	180	8–18
AAR125	640	540	1000	290	1100	150	165	315	21	220	185	320	320	450	375	453	210	8–18
AAR150A	860	650	1000	320	1200	180	180	340	24	265	210	320	320	500	470	600	240	8–22
AAR150	860	650	1200	375	1200	180	180	340	24	265	210	385	385	500	470	600	240	8–22
AAR200H	1240	755	1560	465	1700	225	190	400	29	320	250	530	530	580	570	730	295	8–22
AAR200	1240	755	1700	515	1700	225	190	400	29	320	250	530	530	580	570	730	295	8–22

立式排出消声器（RKM）



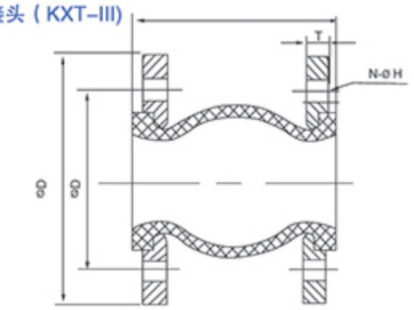
型式（TYPE）	A	B	C	D	E	F	G	n- ØH	重量（kg）
RKM-50	450	125	150	140	125	125	165	4-φ18	15
RKM-65	500	135	170	195	170	145	185	4-φ18	20
RKM-80	610	145	190	220	190	160	200	8-φ18	27
RKM-100	680	155	220	265	230	180	220	8-φ18	34
RKM-125	820	190	240	293	255	210	250	8-φ18	58
RKM-150	940	210	290	327	280	240	285	8-φ22	80
RKM-175	1060	236	320	403	345	295	340	8-φ22	97
RKM-200	1060	315	320	403	345	295	340	8-φ22	97
RKM-250A	1250	338	350	510	435	350	395	12-φ22	140
RKM-250	1250	410	350	510	435	350	395	12-φ22	140
RKM-300	1300	430	370	560	480	400	445	12-φ22	180

排出消声器（KM）



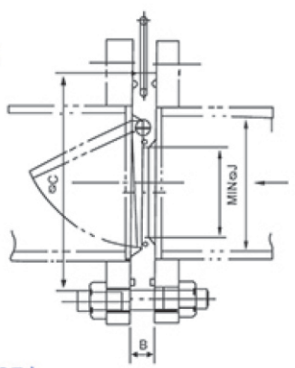
型式（TYPE）	A	B	C	D	E	F	n- ØH	重量（kg）
RKM-50	600	480	60	140	125	165	4-φ18	10
RKM-65	700	560	70	170	145	185	4-φ18	14
RKM-80	900	740	80	195	160	200	8-φ18	18
RKM-100	1200	1040	80	220	180	220	8-φ18	37
RKM-125	1400	1210	95	265	210	250	8-φ18	44
RKM-150	1600	1410	95	293	240	285	8-φ22	67
RKM-175	1800	1600	100	327	295	340	8-φ22	80
RKM-200	1800	1600	100	327	295	340	8-φ22	80
RKM-250A	2000	1800	100	403	350	395	12-φ22	130
RKM-250	2000	1800	100	403	350	395	12-φ22	130
RKM-300	2000	1800	100	510	400	445	12-φ22	160

弹性接头（KXT–III）



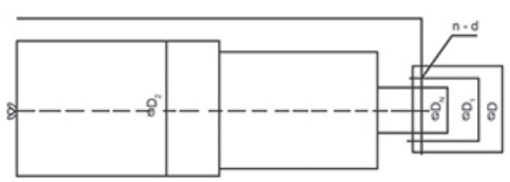
型式（TYPE）	D1	D2	L	T	n- ØH	重量（kg）
DN50	125	165	105	20	4-φ18	3
DN65	145	185	115	20	4-φ18	3.5
DN80	160	200	135	20	8-φ18	4
DN100	180	220	150	22	8-φ18	5
DN125	210	250	165	22	8-φ18	6.5
DN150	240	285	180	24	8-φ18	9.5
DN200	295	340	190	24	8-φ18	16
DN250	350	395	230	26	12-φ18	25
DN300	400	445	245	26	12-φ18	38

单向阀（DCV）

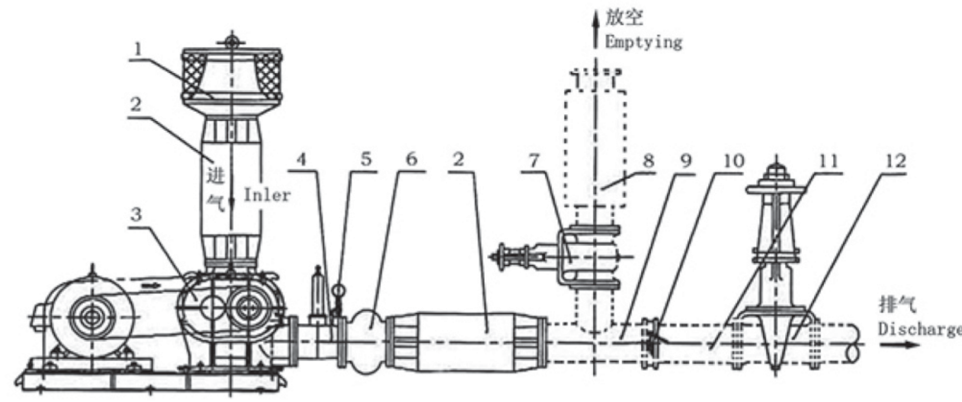


型式（TYPE）	A	B	C	J	n- ØH	重量（kg）
DCV50	25	19	104	52.7	M16*86(4)	3
DCV65	36	19	124	65.9	M16*108(4)	3.5
DCV80	46	19	134	80	M16*108(8)	4
DCV100	67	19	159	102.3	M16*108(8)	5
DCV125	88	21	190	126.6	M20*115(8)	6.5
DCV150	108	24	220	151	M20*120(8)	9.5
DCV200	138	29	270	200	M20*120(8)	16
HD250	200	115	330	250	M20*180(12)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

进口消声器（KSE）

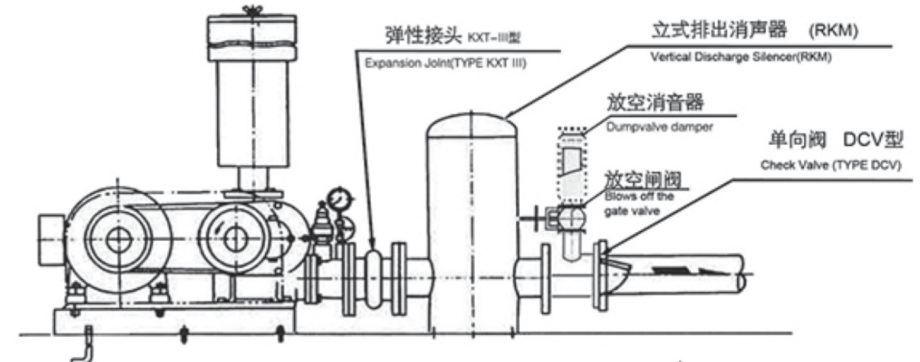


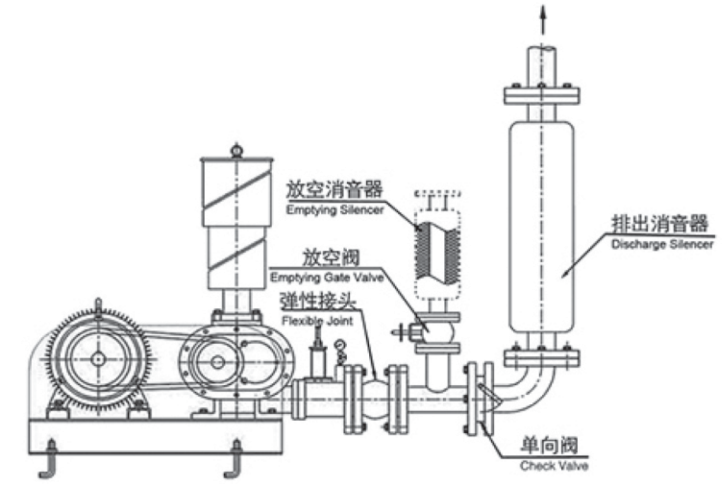
型式（TYPE）	D_N	D_1	D	D_2	L	n- øH	重量（kg）
KSE-50	Φ50	Φ85	Φ115	Φ155	400	4-Φ14	5
KSE-65	Φ65	Φ125	Φ155	Φ175	450	4-Φ14	7
KSE-80	Φ80	Φ125	Φ155	Φ200	700	4-Φ14	16
KSE-100	Φ100	Φ145	Φ170	Φ270	800	4-Φ18	20
KSE-125	Φ125	Φ177	Φ210	Φ305	1100	4-Φ18	22
KSE-150	Φ150	Φ225	Φ265	Φ357	1200	8-Φ18	35
KSE-175	Φ150	Φ225	Φ265	Φ357	1200	8-Φ18	35
KSE-200	Φ200	Φ280	Φ325	Φ455	1450	8-Φ18	60
KSE-250A	Φ250	Φ350	Φ395	Φ542	1500	8-Φ18	120
KSE-250	Φ250	Φ350	Φ395	Φ542	1500	8-Φ18	120
KSE-300	Φ300	Φ400	Φ445	Φ600	1750	8-Φ22	140



1、滤清器　2、消声器　3、鼓风机　4、泄压阀　5、压力表　6、弹性接头
7、放空闸阀　8、放空消声器　9、放空接头　10、单向阀　11、连接管　12、闸阀

1. Air Filter　2. Silencer　3. Rotary Blower　4. Relief Valve　5. Pressure Gauge　6. Flexible Joint
7. Emptying Gate VAlve　8. Emptying Silencer　9. Emptying Joint　10. Non-return Valve
11. Connecting Pipe　12. Gate Valve

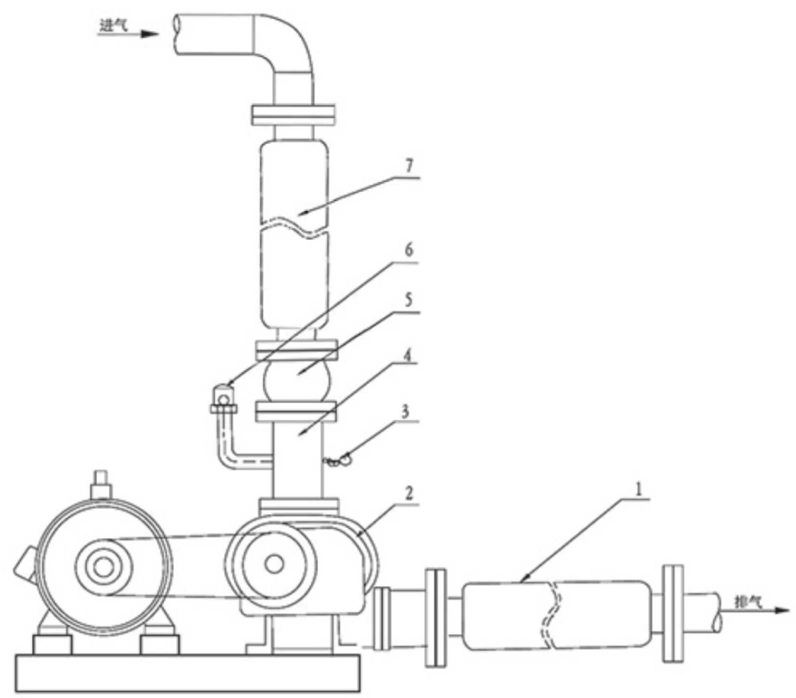




(注):DCV型单向阀必须安装在水平管路上
Note:Make sure taht the piping of Check valve type DCV is horizonta.
标准配置不包括放空三通、放空消声器、阀门及管道部分

注意：1、详细尺寸已发货图纸为准。
2、大型风机底座随点击大小定。
3、用户可根据现场选用出口消音器

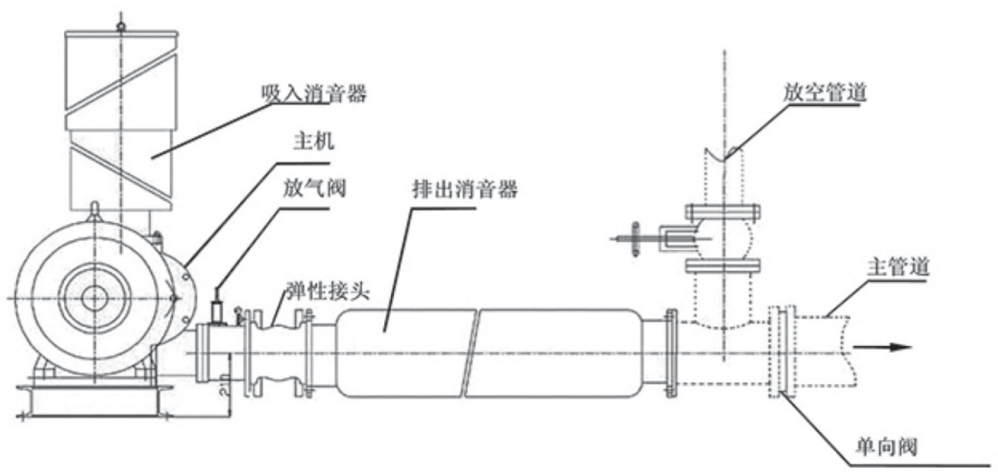
AAR 系列罗茨真空泵配管布置图
AAR Series Roots vacuum pump piping layout



1、出口消声器 Outlet Silencer
2、罗茨真空泵 Type Dry Vacuum Pump
3、负压表 Negative pressure table
4、Y形接管 Y-take over
5、弹性接头 Flexible Connector
6、真空调整阀 Vacuum adjusting valve
7、进口消声器 Inlet Silencer

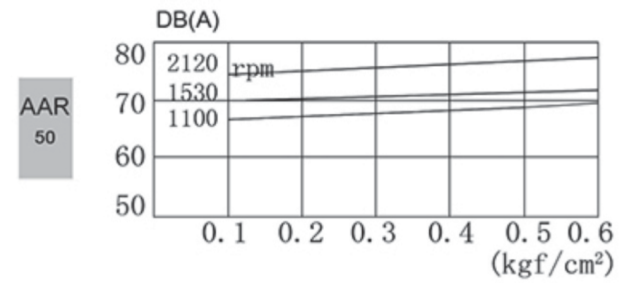
标准配置不包括（弯头、进口消声器及管道部分）

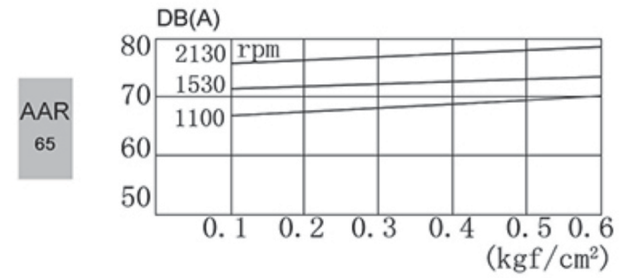
联轴器传动配管图 Coupling transmission piping diagram

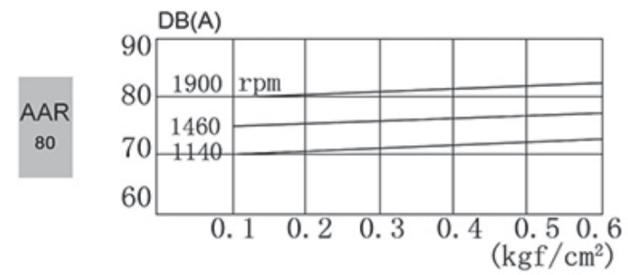


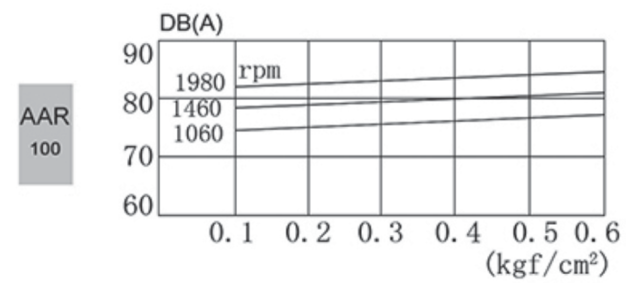
(注):单向阀必须安装在水平管路上
Note:Make sure the piping of check valve is horizontal.
标准配置不包括放空三通、放空消声器、阀门及管道部分

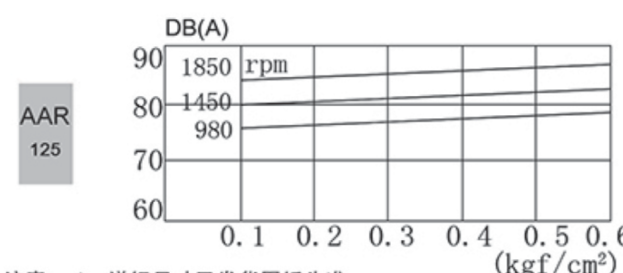
AAR 系列罗茨鼓风机噪音值
AAR series Roots blower noise value

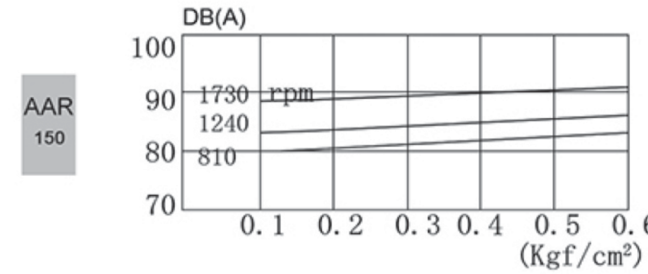


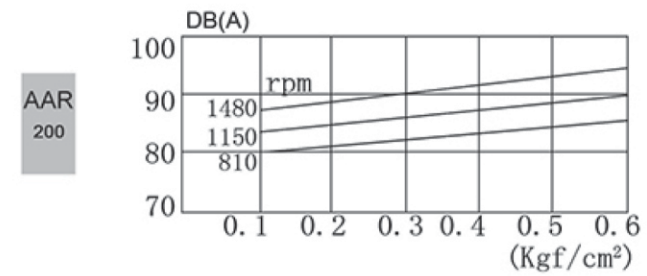


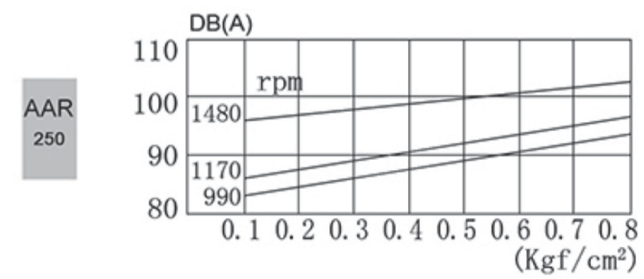


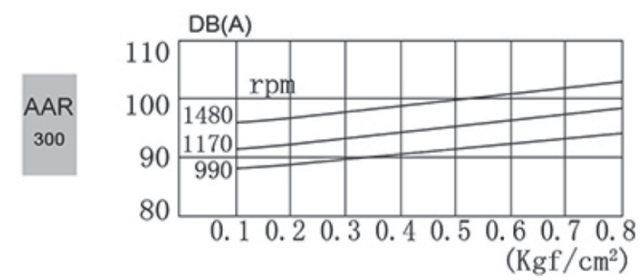








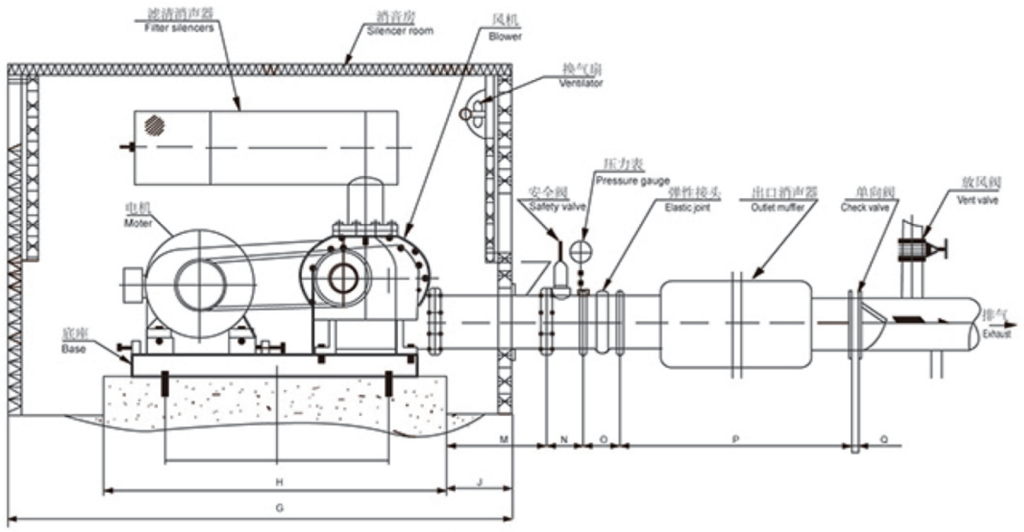


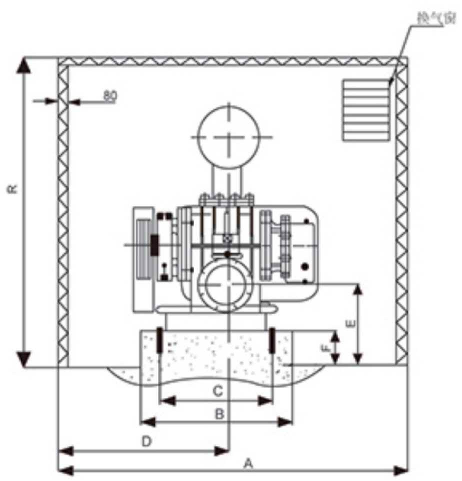


上述噪音值为离风机1m处测得的噪声值（装有标准进气口消声器和排气口消声器）但此数据并不是保证值、底座（基础）或管道状况的不同，噪声值也不同。

The above noise value is tested 1 meteraway from the blower(quipped with standard air inlet silencerair outlet silencer),but the value is not guaranteed.The noise value changes as the base seat (basis) orthe pipe conditions are different.

注意：1、详细尺寸已发货图纸为准。
2、大型风机底座随点击大小定。
3、用户可根据现场选用出口消音器



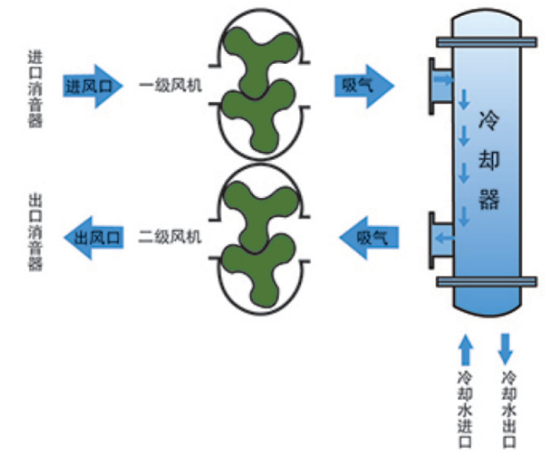


消音房实体图

型号	口径	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R
AAR–50	50A	1200	470	270	500	100	225	1300	660	200			300	120	105	610	19	1300
AAR–65	65A	1200	510	310	500	100	235	1400	750	200			300	130	115	710	19	1300
AAR–80	80A	1400	530	330	600	100	250	1600	800	300			400	140	135	910	19	1600
AAR–100	100A	1400	640	440	600	100	260	1700	880	300			400	140	150	1200	19	1600
AAR–125	125A	1400	640	440	600	100	290	1800	960	300			400	150	165	1410	21	1600
AAR–150	150A	1600	750	550	700	100	310	2100	1160	350			450	150	180	1610	24	2000
AAR–175	175A	1600	856	656	700	100	360	2200	1250	350			450	150	180	1610	24	2000
AAR–200B	200A	1800	802	602	800	100	350	2350	1350	400			500	160	190	1810	29	2000
AAR–200	200A	1800	905	705	800	100	350	2600	1500	400	500	500	500	160	190	1810	29	2000
AAR–250B	250A	2200	1050	800	1000	100	430	2600	1600	300	500	500	500	250	230	2000	30	2000
AAR–250	250A	2400	1100	890	1100	100	470	3000	2000	400	745	745	500	250	230	2000	30	2200
AAR–300	300A	2400	1100	890	1100	100	470	3000	2000	400	745	745	500	260	245	2000	40	2200
AAR–350	350A	3000	1840	1376	1400	100	530	4000	2600	550	700	700	700	300	255	2000	45	2800

产品简介:

我厂生产的双级罗茨风机是有两台AAR系列标准罗茨鼓风机串联而成。当气体进入第一级风机升压后，经过中间冷却器将气体温度降至40℃以下，然后进入二级风机继续升压，机组最高升压可达200kPa。两级风机的主机由同一台风机通过皮带传动或双轴伸电机直联传动。



特点:

双级三叶罗茨风机容积效率高，供气量大，运行平稳，使用可靠，具有比较稳定的工作特性。

叶轮和轴为整体结构且叶轮无磨损，风机性能持久不变，可以长期连续运作。

强制输气，流量随压力变化小，出口压力由背压决定，且输送气体不受油污染。

轴承的选用较为合理，各轴承的使用寿命均匀，而且风机油封选用进口氟橡胶材料，耐高温，耐磨，因而风机使用寿命长，可靠性高。

风机容积利用率大，容积效率高，且结构简单紧凑，安装方式灵活多变。使用维护方便。

由于采用了三叶转子结构形式及合理的壳体内进出风口出的结构，所以风机振动小，噪音低。压力、温度控制，提供机组运行保护。

风机油封选用进口氟橡胶材料，耐高温，耐磨，使用寿命长。

机种齐全，可满足不同用户不同用途的需要。

产品展示:

AAR-100S型双级罗茨鼓风机参数性能表
AAR-100S two-stage Roots blower parameter performance table

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 型号 Type	配套电机Motor 功率 Power(kW)	机组最大重量 Unit Maximum Weight Kg
1200	107.8	6.95	17.8	Y180L-4	22	750
	117.6	6.89	20.9	Y180L-4	22	
	127.4	6.80	22.3	Y200L-4	30	
	137.2	6.70	23.8	Y200L-4	30	
	147.0	6.62	24.9	Y200L-4	30	
	156.8	6.51	26.8	Y200L-4	30	
	166.6	6.38	28.85	Y225S-4	37	
	176.4	6.25	30.97	Y225S-4	37	
1310	107.8	7.80	19.7	Y180L-4	22	750
	117.6	7.73	21.7	Y200L-4	30	
	127.4	7.64	23.3	Y200L-4	30	
	137.2	7.56	25.1	Y200L-4	30	
	147.0	7.48	26.95	Y200L-4	30	
	156.8	7.37	28.7	Y225S-4	37	
	166.6	7.26	30.55	Y225S-4	37	
	176.4	7.14	30.44	Y225S-4	37	
1390	107.8	8.20	21.68	Y200L-4	30	810
	117.6	8.11	23.6	Y200L-4	30	
	127.4	8.00	25.6	Y200L-4	30	
	137.2	7.90	27.59	Y200L-4	30	
	147.0	7.80	29.63	Y225S-4	37	
	156.8	7.68	31.72	Y225S-4	37	
	166.6	7.56	33.69	Y225S-4	37	
	176.4	7.40	35.71	Y225S-4	45	
1450	107.8	8.70	23.50	Y200L-4	30	810
	117.6	8.61	25.49	Y200L-4	30	
	127.4	8.51	27.45	Y200L-4	30	
	137.2	8.40	29.50	Y255S-4	37	
	147.0	8.28	31.58	Y255S-4	37	
	156.8	8.16	33.62	Y255S-4	37	
	166.6	8.03	35.70	Y225M-4	45	
	176.4	7.90	37.73	Y225M-4	45	

AAR-125S型双级罗茨鼓风机参数性能表
AAR-125S two-stage Roots blower parameter performance table

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 型号 Type	配套电机Motor 功率 Power(kW)	机组最大重量 Unit Maximum Weight Kg
970	107.8	13.0	32.0	Y255S-4	37	1200
	117.6	12.9	33.7	Y225M-4	45	
	127.4	12.8	35.4	Y225M-4	45	
	137.2	12.7	37.1	Y225M-4	45	
	147.0	12.6	38.8	Y225M-4	45	
	156.8	12.5	40.5	Y250M-4	45	
	166.6	12.4	42.2	Y250M-4	55	
	176.4	12.3	43.9	Y250M-4	55	
1110	107.8	15.8	34.7	Y225M-4	45	1300
	117.6	15.6	37.2	Y250M-4	55	
	127.4	15.5	39.7	Y250M-4	55	
	137.2	14.3	42.2	Y250M-4	55	
	147.0	14.2	44.7	Y250M-4	55	
	156.8	14.1	47.2	Y250M-4	55	
	166.6	14.0	49.7	Y250M-4	55	
	176.4	13.85	52.2	Y280S-4	75	
1180	107.8	17.0	36.8	Y225M-4	45	1300
	117.6	16.8	39.4	Y225M-4	45	
	127.4	16.7	42.0	Y250M-4	55	
	137.2	16.6	44.6	Y250M-4	55	
	147.0	16.5	47.2	Y250M-4	55	
	156.8	16.4	49.8	Y250M-4	55	
	166.6	16.2	54.0	Y280S-4	75	
	176.4	16.1	58.2	Y280S-4	75	
1240	107.8	18.0	39.7	Y225M-4	45	1300
	117.6	17.8	42.5	Y250M-4	55	
	127.4	17.6	45.3	Y250M-4	55	
	137.2	17.4	48.1	Y250M-4	55	
	147.0	17.2	50.9	Y250M-4	55	
	156.8	17.0	53.7	Y280S-4	75	
1400	107.8	21.0	44.7	Y250M-4	55	1300
	117.6	20.8	47.7	Y250M-4	55	
	127.4	20.6	50.7	Y250M-4	55	
	137.2	20.4	53.7	Y280S-4	75	
	147.0	20.2	56.7	Y285S-4	75	
	156.8	20.0	59.7	Y280S-4	75	
1450	107.8	22.0	44.7	Y250M-4	55	1300
	117.6	21.8	47.7	Y250M-4	55	
	127.4	21.6	50.7	Y250M-4	55	
	137.2	21.4	53.7	Y280S-4	75	
	147.0	21.2	56.7	Y285S-4	75	

AAR-150S型双级罗茨鼓风机参数性能表
AAR-150S two-stage Roots blower parameter performance table

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 型号 Type	配套电机Motor 功率 Power(kW)	机组最大重量 Unit Maximum Weight Kg
1180	107.8	24.20	51.8	Y280S-4	75	2000
	117.6	24.10	55.6	Y280S-4	75	
	127.4	23.98	59.6	Y280S-4	75	
	137.2	23.85	62.9	Y280S-4	75	
	147.0	23.70	66.5	Y280S-4	75	
	156.8	23.50	70.1	Y280M-4	90	
	166.6	23.30	73.5	Y280M-4	90	
	176.4	23.10	77.2	Y280M-4	90	
1240	107.8	26.05	56.0	Y280S-4	75	2640
	117.6	25.95	60.1	Y280S-4	75	
	127.4	25.83	64.5	Y280S-4	75	
	137.2	25.71	68.9	Y280S-4	75	
	147.0	25.60	73.3	Y280M-4	90	
	156.8	25.58	77.7	Y280M-4	90	
	166.6	25.45	82.1	Y280M-4	75	
	176.4	25.30	86.5	Y315S-4	110	
1400	107.8	31.80	61.0	Y280S-4	75	2640
	117.6	31.72	65.1	Y280S-4	75	
	127.4	31.56	69.3	Y280S-4	75	
	137.2	31.41	73.8	Y280M-4	90	
	147.0	31.26	78.8	Y280M-4	90	
	156.8	31.11	83.7	Y280M-4	90	
	166.6	30.95	88.6	Y315S-4	110	
	176.4	30.77	93.5	Y315S-4	110	
1460	107.8	33.00	69.0	Y280S-4	75	2640
	117.6	32.85	73.8	Y280M-4	90	
	127.4	32.72	78.6	Y280M-4	90	
	137.2	32.57	83.4	Y280M-4	90	
	147.0	32.42	88.2	Y315S-4	110	
	156.8	32.27	93.0	Y315S-4	110	
	166.6	32.11	97.8	Y315S-4	110	
	176.4	31.95	102.6	Y315S-4	110	
1520	107.8	34.20	73.2	Y280M-4	90	2640
	117.6	34.05	78.1	Y280M-4	90	
	127.4	33.90	83.02	Y280M-4	90	
	137.2	33.75	88.0	Y315S-4	110	
	147.0	33.60	93.0	Y315S-4	110	
1620	107.8	36.70	77.8	Y280M-4	90	2760
	117.6	36.55	83.1	Y280M-4	90	
	127.4	36.40	88.4	Y315S-4	110	
	137.0	36.25	93.7	Y315S-4	110	
	147.0	36.10	100	Y315M-4	1321	

AAR-200BS型双级罗茨鼓风机参数性能表
AAR-200BS two-stage Roots blower parameter performance table

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 型号 Type	配套电机Motor 功率 Power(kW)	机组最大重量 Unit Maximum Weight Kg
1070	107.8	40.00	84.0	Y315S-4	110	3100
	117.6	39.85	89.5	Y315S-4	110	
	127.4	39.69	95.2	Y315S-4	110	
	137.2	39.53	100	Y315M-4	132	
	147.0	39.37	106.3	Y315M-4	132	
	156.8	39.21	112.8	Y315M-4	132	
	166.6	39.05	117.6	Y315M-4	132	
	176.4	38.80	123.8	Y315L1-4	160	
1150	107.8	43.20	91.5	Y315S-4	110	3100
	117.6	43.02	98.4	Y315S-4	110	
	127.4	42.84	105.4	Y315M-4	132	
	137.2	42.66	112.3	Y315M-4	132	
	147.0	42.60	119.45	Y315M-4	132	
	156.8	42.32	126.4	Y315L1-4	160	
	166.6	42.14	133.5	Y315L1-4	160	
	176.4	41.96	140.5	Y315L1-4	160	
1230	107.8	47.00	97.12	Y315S-4	110	3200
	117.6	46.81	104.8	Y315M-4	132	
	127.4	46.68	112.5	Y315M-4	132	
	137.2	46.52	120.2	Y315M-4	132	
	147.0	46.36	127.9	Y315L1-4	160	
	156.8	46.20	135.6	Y315L1-4	160	
	166.6	46.04	143.3	Y315L1-4	160	
	176.4	45.88	151.0	Y315M1-4	185	
1310	107.8	50.00	104.0	Y315M-4	132	3200
	117.6	49.80	112.0	Y315M-4	132	
	127.4	49.70	119.0	Y315M-4	132	
	137.2	49.50	126.0	Y315L1-4	160	
	147.0	49.40	132.0	Y315L1-4	160	
	156.8	49.20	138.0	Y315L1-4	160	
	166.6	49.10	145.0	Y315M1-4	185	
	176.4	48.90	152.0	Y315M1-4	185	
1390	107.8	52.00	109.0	Y315M-4	132	3200
	117.6	51.80	117.0	Y315M-4	132	
	127.4	51.70	125.0	Y315L1-4	160	
	137.2	51.50	132.0	Y315L1-4	160	
	147.0	51.30	140.0	Y315L1-4	160	
	156.8	51.20	148.0	Y315M1-4	185	
1480	107.8	56.00	115.0	Y315M-4	132	3200
	117.6	55.80	123.0	Y315L1-4	160	
	127.4	55.60	131.0	Y315L1-4	160	
	137.2	55.50	139.0	Y315L1-4	160	
	147.0	55.30	147.0	Y315M1-4	185	
	156.8	55.20	156.0	Y315M1-4	185	

AAR-S型双级罗茨鼓风机
AAR-S type two-stage Roots blower

AAR

AAR-240S型双级罗茨鼓风机参数性能表

AAR-240S two-stage Roots blower parameter performance table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/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	98	67.8	135	Y355M2-8	160	8700
	107.8	67.8	145	Y355M2-8	160	
	117.6	66.8	155	Y355L1-8	185	
	127.4	66.8	165	Y355L1-8	185	
	137.2	66.8	175	Y355L2-8	200	
	147.0	65.8	185	Y400-8	220	
	156.8	65.8	196	Y400-8	220	
	166.6	65.8	206	Y450-8	250	
	176.4	64.8	216	Y450-8	250	
	196.0	64.8	235	Y450-8	280	
730	98	78.5	151	Y355M1-6	185	7800
	107.8	78.5	162	Y355M1-6	185	
	117.6	77.5	174	Y355M2-6	200	
	127.4	77.5	185	Y355M3-6	220	
	137.2	77.5	197	Y355M3-6	220	
	147.0	76.5	208	Y355M4-6	250	
	156.8	76.5	220	Y355M4-6	250	
	166.6	76.5	231	Y355M4-6	250	
	176.4	75.5	243	Y400-6	280	
	196.0	75.5	264	Y400-6	280	
800	98	87.9	166	Y355M1-6	185	8500
	107.8	87.9	178	Y355M2-6	200	
	117.6	86.9	191	Y355M3-6	220	
	127.4	86.9	203	Y355M4-6	250	
	137.2	86.9	216	Y355M4-6	250	
	147.0	85.9	228	Y400-6	280	
	156.8	85.9	241	Y400-6	280	
	166.6	85.9	253	Y400-6	280	
	176.4	84.9	266	Y400-6	315	
	196.0	84.9	290	Y450-6	355	
880	98	98.6	182	Y355M1-6	185	8500
	107.8	98.6	196	Y355M2-6	200	
	117.6	97.6	210	Y355M3-6	220	
	127.4	97.6	224	Y355M4-6	250	
	137.2	97.6	237	Y355M4-6	250	
	147.0	96.6	250	Y400-6	280	
	156.8	96.6	265	Y400-6	280	
	166.6	96.6	278	Y400-6	280	
	176.4	95.6	293	Y400-6	315	
	196.0	95.6	319	Y450-6	355	
980	98	112	203	Y355M3-8	220	8600
	107.8	112	218	Y355M4-6	250	
	117.6	111	234	Y400-6	280	
	127.4	111	249	Y400-6	280	
	137.2	111	264	Y400-6	315	
	147.0	110	279	Y400-6	315	
	156.8	110	295	Y400-6	315	
	166.6	110	310	Y450-6	355	
	176.4	109	326	Y450-6	355	
	196.0	109	355	Y450-6	355	

AAR-245S型双级罗茨鼓风机参数性能表

AAR-245S two-stage Roots blower parameter performance table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/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	98	83.8	167	Y355L1-8	185	9200
	107.8	83.8	180	Y355L2-8	200	
	117.6	82.8	194	Y400-8	220	
	127.4	82.8	206	Y450-8	250	
	137.2	82.8	219	Y450-8	250	
	147.0	82.8	231	Y450-8	280	
	156.8	81.8	243	Y450-8	280	
	166.6	81.8	256	Y450-8	315	
	176.4	80.8	268	Y450-8	315	
	196.0	80.8	291	Y450-8	315	
730	98	97.2	188	Y355M3-6	220	8950
	107.8	97.2	203	Y355M3-6	220	
	117.6	96.2	218	Y355M4-6	250	
	127.4	96.2	232	Y355M4-6	250	
	137.2	96.2	246	Y400-6	280	
	147.0	96.2	259	Y400-6	280	
	156.8	95.2	273	Y400-6	315	
	166.6	95.2	288	Y400-6	315	
	176.4	94.2	301	Y450-6	355	
	196.0	94.2	327	Y450-6	355	
800	98	109	206	Y355M4-6	250	8950
	107.8	109	222	Y355M4-6	250	
	117.6	108	238	Y400-6	280	
	127.4	108	254	Y400-6	280	
	137.2	108	269	Y400-6	315	
	147.0	108	284	Y400-6	315	
	156.8	107	300	Y450-6	355	
	166.6	107	315	Y450-6	355	
	176.4	106	330	Y450-6	400	
	196.0	106	358	Y450-6	400	
880	98	122	226	Y355M-6	250	8850
	107.8	122	244	Y400-6	280	
	117.6	121	262	Y400-6	315	
	127.4	121	279	Y400-6	315	
	137.2	121	296	Y450-6	355	
	147.0	121	312	Y450-6	355	
	156.8	120	330	Y450-6	400	
	166.6	120	347	Y450-6	400	
	176.4	119	363	Y450-6	400	
	196.0	119	394	Y450-6	450	
980	98	139	252	Y400-6	280	9100
	107.8	139	272	Y400-6	315	
	117.6	138	292	Y400-6	315	
	127.4	138	311	Y450-6	355	
	137.2	138	330	Y450-6	355	
	147.0	138	348	Y450-6	400	
	156.8	137	367	Y450-6	400	
	166.6	137	386	Y450-6	450	
	176.4	136	404	Y450-6	450	
	196.0	136	439	Y450-6	500	

AAR-250S型双级罗茨鼓风机参数性能表

AAR-240S two-stage Roots blower parameter performance table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/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	98	106	206	Y450-8	250	10200
	107.8	106	222	Y450-8	250	
	117.6	105	237	Y450-8	280	
	127.4	105	253	Y450-8	280	
	137.2	104	269	Y450-8	315	
	147.0	104	285	Y450-8	315	
	156.8	103	296	Y450-8	355	
	166.6	102	314	Y450-8	355	
	176.4	102	268	Y500-8	400	
730	98	123	222	Y355M4-6	250	9600
	107.8	123	250	Y400-6	280	
	117.6	122	267	Y400-6	315	
	127.4	122	284	Y400-6	315	
	137.2	121	302	Y450-6	355	
	147.0	121	320	Y450-6	355	
	156.8	120	332	Y450-6	400	
	166.6	119	353	Y450-6	400	
	176.4	119	370	Y450-6	400	
800	98	137	254	Y400-6	280	9200
	107.8	137	273	Y400-6	315	
	117.6	136	292	Y450-6	355	
	127.4	136	311	Y450-6	355	
	137.2	135	331	Y450-6	400	
	147.0	135	350	Y450-6	400	
	156.8	134	364	Y450-6	400	
	166.6	133	387	Y450-6	450	
	176.4	133	406	Y450-6	450	
880	98	153	279	Y400-6	315	9800
	107.8	153	301	Y450-6	355	
	117.6	152	321	Y450-6	355	
	127.4	152	342	Y450-6	400	
	137.2	151	365	Y450-6	400	
	147.0	151	385	Y450-6	450	
	156.8	150	400	Y450-6	450	
	166.6	149	426	Y450-6	500	
	176.4	149	446	Y450-6	500	
980	98	174	311	Y450-6	355	10500
	107.8	174	335	Y450-6	400	
	117.6	173	358	Y450-6	400	
	127.4	173	381	Y450-6	450	
	137.2	172	406	Y450-6	450	
	147.0	172	429	Y450-6	500	
	156.8	171	446	Y450-6	500	
	166.6	170	474	Y500-6	500	
	176.4	170	497	Y500-6	500	

AAR-290S型双级罗茨鼓风机参数性能表

AAR-240S two-stage Roots blower parameter performance table

转速 Rotary speed (r/min)	升压 Pressure Rise (kPa)	流量 Capacity (m^3/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	98	126	241	Y450-8	280	10700
	107.8	126	259	Y450-8	280	
	117.6	125	278	Y450-8	315	
	127.4	125	295	Y450-8	355	
	137.2	124	314	Y450-8	355	
730	98	146	271	Y400-6	315	10400
	107.8	146	291	Y450-6	355	
	117.6	145	312	Y450-6	355	
	127.4	145	331	Y450-6	400	
	137.2	144	352	Y450-6	400	
800	98	163	297	Y450-6	355	10500
	107.8	163	318	Y450-6	355	
	117.6	162	342	Y450-6	400	
	127.4	162	363	Y450-6	400	
	137.2	161	386	Y450-6	450	
880	98	183	327	Y450-6	355	10600
	107.8	183	350	Y450-6	400	
	117.6	182	376	Y450-6	450	
	127.4	182	400	Y450-6	450	
	137.2	181	425	Y450-6	500	
980	98	207	364	Y450-6	400	11110
	107.8	207	390	Y450-6	450	
	117.6	206	419	Y450-6	450	
	127.4	206	445	Y450-6	500	
	137.2	206	473	Y500-6	560	

AAR-300型双级罗茨鼓风机参数性能表

AAR-300S two-stage Roots blower parameter performance table

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 Moter 型号 Type	配套电机 功率 Power kW	机组最大重量 Unit Maximum Weight Kg
650 *	133.7	98	106	206	Y400-8 ●	250	10302
		107.8	106	222	Y400-8 ●	250	
		117.6	105	237	Y400-8 ●	280	
		127.4	105	263	Y400-8 ●	280	
		137.2	104	269	Y450-8 ●	315	
		147	104	285	Y450-8 ●	315	
		156.8	103	296	Y450-8 ●	355	
		166.6	102	314	Y450-8 ●	355	
		176.4	102	330	Y450-8 ●	400	
730	150.2	98	123	222	Y315L2-6 ■	250	9600
		107.8	123	250	Y355M1-6 ●	280	
		117.8	122	267	Y355M2-6 ●	315	
		127.4	122	284	Y355L1-6 ●	315	
		137.2	121	302	Y280M-6 ●	355	
		147.0	121	320	Y315M-6 ●	355	
		156.8	120	332	Y315L2-6 ●	400	
		166.6	119	353	Y355M2-6 ●	400	
		176.4	119	370	Y355L1-6 ●	400	
800	164.6	98	137	254	Y400-6 ●	280	9200
		107.8	137	273	Y400-6 ●	315	
		117.6	136	292	Y400-6 ●	355	
		127.4	136	311	Y400-6 ●	355	
		137.2	135	331	Y400-6 ●	400	
		147	135	350	Y400-6 ●	400	
		156.8	134	364	Y400-6 ●	400	
		166.6	133	387	Y450-6 ●	450	
		176.4	133	406	Y450-6 ●	450	
880	181.1	98	153	279	Y400-6 ●	315	9800
		107.8	153	301	Y400-6 ●	355	
		117.6	152	321	Y400-6 ●	355	
		127.4	152	342	Y400-6 ●	400	
		137.2	151	365	Y400-6 ●	400	
		147	151	385	Y450-6 ●	450	
		156.8	150	400	Y450-6 ●	450	
		166.6	149	426	Y450-6 ●	500	
		176.4	149	446	Y450-6 ●	500	
980 *	201.7	98	174	311	Y400-6 ●	355	10500
		107.8	174	335	Y400-6 ●	400	
		117.6	173	358	Y400-6 ●	400	
		127.4	173	381	Y450-6 ●	450	
		137.2	172	406	Y450-6 ●	450	
		147	172	429	Y450-6 ●	500	
		156.8	171	446	Y450-6 ●	500	
		166.6	170	474	Y450-6 ●	500	
		176.4	170	497	Y450-6 ●	560	

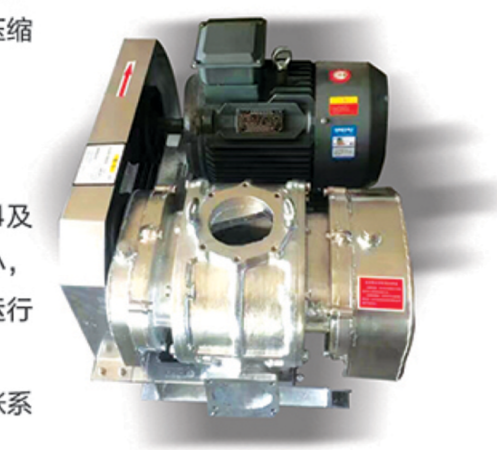
AAR-350S型双级罗茨鼓风机参数性能表

AAR-240S two-stage Roots blower parameter performance table

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 Moter 型号 Type	配套电机 功率 Power kW	机组最大重量 Unit Maximum Weight Kg
650	158.6	98	126	241	Y400-8	280	10700
		107.8	126	259	Y400-8	280	
		98	125	278	Y450-8	315	
		107.8	125	295	Y450-8	355	
		98	124	314	Y450-8	355	
730	178.2	98	146	271	Y400-8	315	10400
		107.8	146	291	Y400-8	355	
		98	145	312	Y400-8	355	
		107.8	145	331	Y400-8	400	
		98	144	352	Y400-8	400	
800	195.2	98	163	297	Y400-8	355	10500
		107.8	163	318	Y400-8	355	
		98	162	342	Y400-8	400	
		107.8	162	363	Y400-8	400	
		98	161	386	Y450-8	450	
880	214.8	98	183	327	Y400-8	355	10600
		107.8	183	350	Y400-8	400	
		98	182	376	Y450-8	450	
		107.8	182	400	Y450-8	450	
		98	181	425	Y450-8	500	
980	239.2	98	207	364	Y400-8	400	11100
		107.8	207	390	Y450-8	450	
		98	206	419	Y450-8	450	
		107.8	206	445	Y450-8	500	
		98	205	473	Y450-8	560	

不锈钢风机机优点（特点）

公司在引进日本SR系列，R系列风机的基础上，针对MVR项目中成功的经验及出现的问题，根据多年的成功设计、加工经验开发的压缩机，其特点具体表现在以下几个方面：



一、腐蚀问题

对蒸汽风机常见的锈蚀问题，就风机过流部件防腐：

1、可选用SUS304、SUS316、SUS329不锈钢。SUS304及SUS329用于温升比较小的工况；SUS329不锈钢因其热膨胀系数小，抗腐蚀性好，用于高温及苛刻工况，SUS329风机在长期安全高效运行方面堪称完美选择。

2、可选用铸铁加Ni-P镀层或是铁氟龙涂层，优点是铸铁热膨胀系数远远低于不锈钢，能够有效的防止转子在转动的过程中咬死。

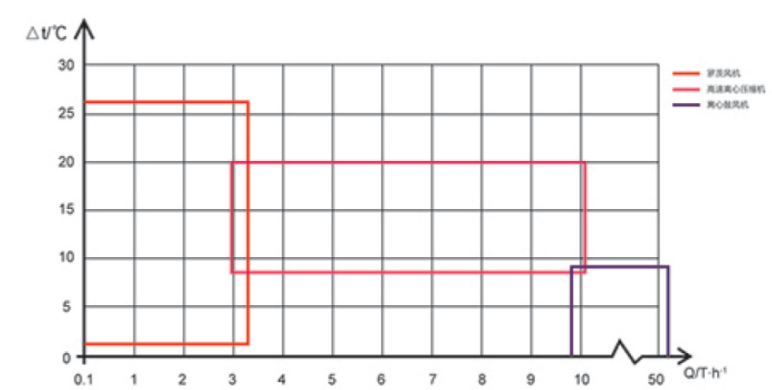
罗茨鼓风机系属容积回转鼓风机，转子上每一凹入的曲面部分与气缸内壁组成工作容积，在转子回转过程中从吸气口带走气体，当移到排气口附近与排气口相连通的瞬时，因有较高压力的气流回转，这是工作容积中的压力突然升高，使蒸汽温度升高。两转子依次交替工作。两转子互不接触，它们之间靠紧密控制的间隙实现密封，故排出的气体不受润滑油污染。

高速离心压缩机是根据动能转换为势能的原理，利用高速旋转的叶轮将气体加速，然后减速，改变流向，使动能转换成势能。高速离心压缩机的主要特征是二元叶轮和压缩机以及变速箱的紧凑布置。电机、变速箱和压缩机通常安装在同一底座上。有噪音低、效率高等特点。叶轮外端线速度由于大于400m/s，而高度受力，故一般由铬镍钢或钛合金制成。

离心鼓风机有压缩比低，流量大的特点，与离心压缩机相同，气体由轴向进入叶轮入口，存离心作用下从径向流出。风机叶轮与壳体为焊接板结构，需要使用加强肋不强。通常不需要齿轮变速箱，驱动系统可以达到要求的叶轮转速。由于压缩比低，温升通常在6-8℃，在MVR系统中常为两台串联使用。

不锈钢风机对比

不锈钢风机机选用的关键参数时所需要达到的温升和压缩蒸汽的流量。国内MVR系统常用的压缩机为罗茨压缩机、高速离心压缩机和离心鼓风机。右图为其温升——流量关系。



二、密封形式

用多重迷宫密封、双轴封（VITON材质的油封防止油箱的润滑油进入侧/主箱体，氟橡胶材质的密封防止蒸气进入油箱）、根据需要选择空气反吹密封及机械密封等形式灵活搭配组合，可保证压缩机在正压或负压工作条件下，在水蒸汽或酒精蒸汽等不同介质环境下，密封均能长期有效可靠；在应用环境要求特别高的条件下，我们将工作腔和侧形体之间的迷宫式+PEPE活塞环密封的结构改为专用的蒸汽密封，不再区别正负压不同的应用环境，具体参考专门的密封工艺文件。

三、不锈钢风机的气蚀

1、气蚀产生的原因：流体中的阀，喉部等部位，当流线间隔急剧变窄，流速变大，并且当压力降至流体的饱和蒸汽压力以下时，流体发生沸腾以及流体中的过剩空气分离，产生气泡。这些产生在低位部位的气泡像高压部位移动时，受到周围压力的挤压，其体积减少以至破裂的现象称为气蚀。发生气蚀时，受周围压力的压迫使气泡发生破裂的瞬间，会产生强烈的冲击波，在压力比较高的情况下，冲击能量会损伤金属表面。

2、气蚀的预防

作为防止气蚀的措施

（1）控制转子的圆周速度低于目前没有气蚀发生的圆周速度30m/s以下。

（2）采用耐抗气蚀性能好的SUS329不锈钢材质。

（3）罗茨风机的进口加注适量的喷淋水控制出口温度。

压缩机型号和适用范围

公司现已开发的不锈钢风机，流量从5m³/min到130m³/min，进出口最大压差为58.8Kpa到80Kpa，具体参数见下表：

型号	流量(m3/min)	进出口压差(Kpa)	转速范围(rpm)
AAR-125	5-9	40	1000-1650
AAR-150	10-22	40	870-1650
AAR-200B	20-30	40	980-1580
AAR-200	24-45	40	930-1550
AAR-250	45-76	40	750-1250
AAR-300	75-130	40	750-1250

注：表格中的流量是在进出口压差为40Kpa时测得，实际不锈钢风机的最大允许压差可为：

（1）、AAR-125、AAR-150A，最大允许压差为：60Kpa

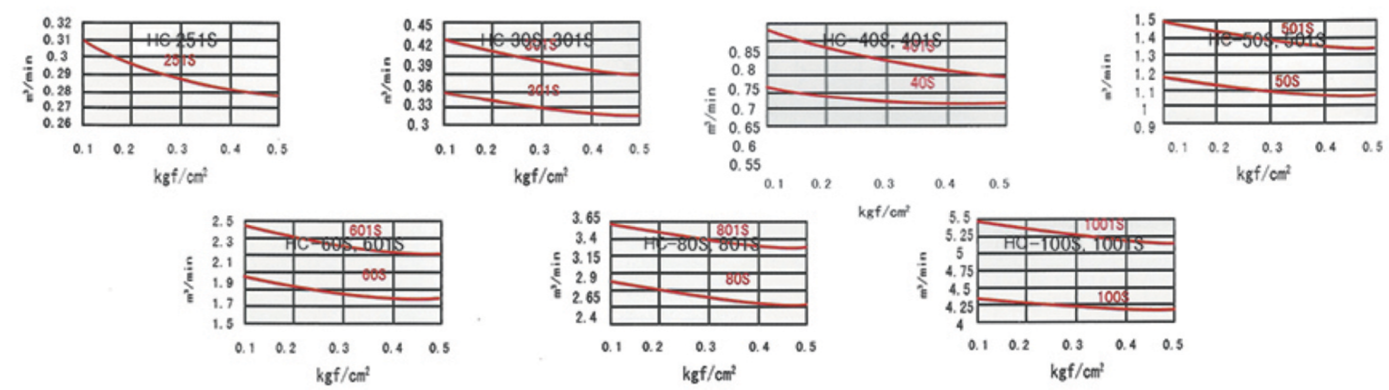
（2）、AAR-200、AAR-250、AAR-300最大允许压差为：80Kpa

2、表中转速为推荐使用值，尽量不要超出范围使用。

HC 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型皮袋	油箱储油量（有效油量）	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
	HC-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
	HC-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
	HC-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
	HC-40S	11/4”（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
	HC-401S	11/4”（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
	HC-50S	11/2”（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
	HC-501S	11/2”（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
	HC-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
	HC-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
	HC-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
	HC-801S	21/2”（65）	5.5Kw	50Hz	500	3.53	3.45	3.38	3.33	3.25	18”	6”	B-2134	8L（6L）	275kg	293kg
	HC-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
	HC-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

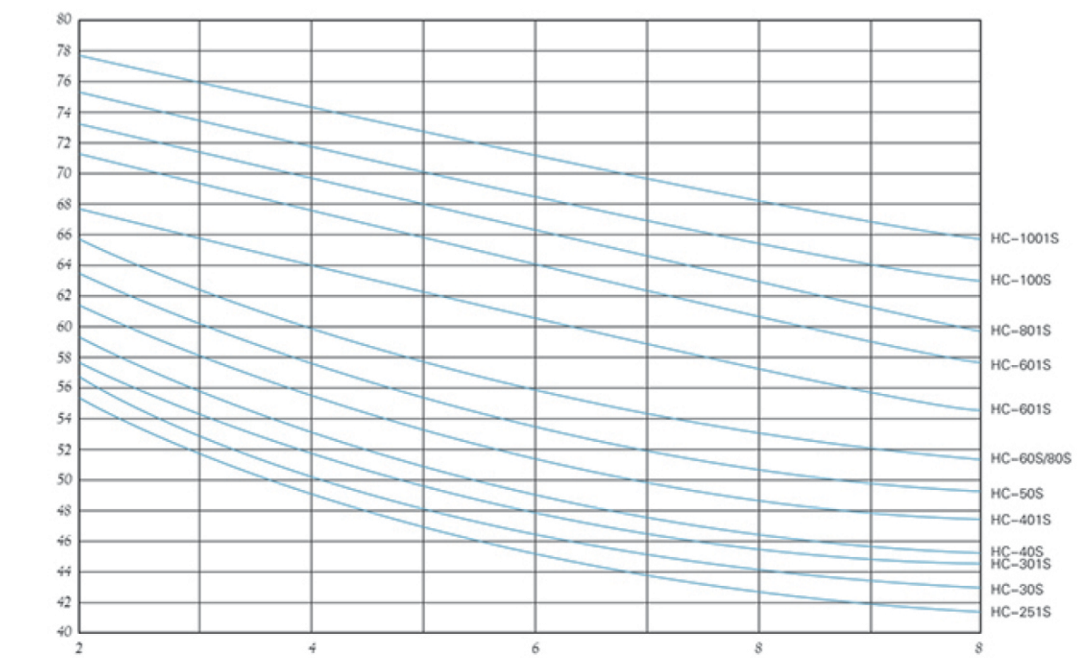
HC系列回转风机曲线图

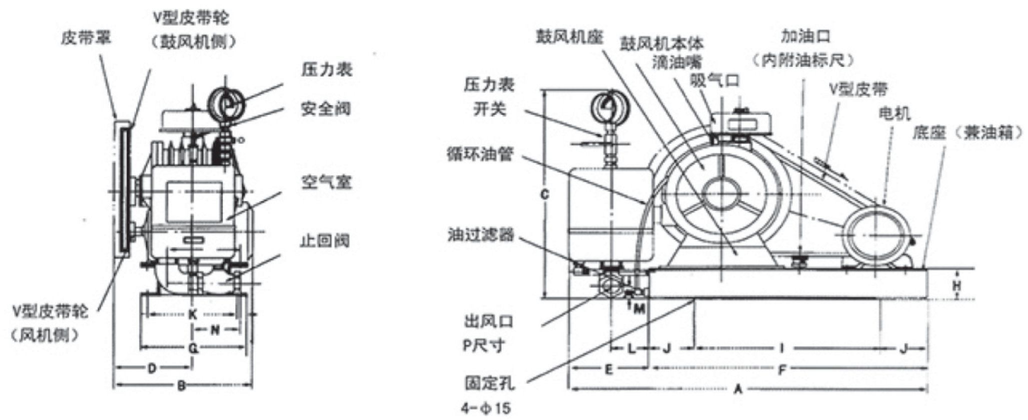
HC series rotary blower graph

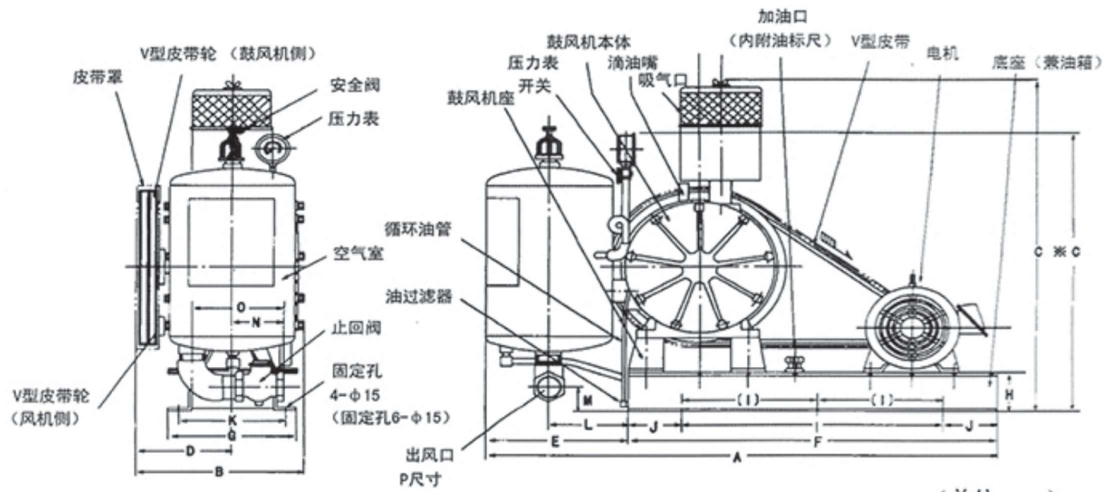


HC系列回转风机性能曲线图

HC series rotary blower performance curve







(单位：mm)

型号	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P尺寸
HC-251S	710	255	445	445	200	510	170	80	410	50	130	120	30	65	115	3/4”
HC-30S	690	255	450	450	180	510	170	80	410	50	130	100	30	80	130	1”
HC-301S	730	265	450	450	180	510	170	80	410	50	130	100	30	80	130	1”
HC-40S	795	305	500	500	170	600	230	80	400	100	190	80	40	100	155	11/4”
HC-401S	800	310	500	500	170	600	230	80	400	100	190	80	40	100	155	11/4”
HC-50S	1010	345	600	600	210	800	265	80	600	100	225	100	90	90	160	11/2”
HC-501S	1010	350	600	600	210	800	265	80	600	100	225	100	90	90	160	11/2”
HC-60S	1180	385	730	730	330	850	300	100	600	125	260	185	60	95	185	2”
HC-601S	1180	390	730	730	330	850	300	100	600	125	260	185	60	95	185	2”
HC-80S	1325	440	870	870	325	1000	350	100	700	150	310	180	65	140	235	21/2”
HC-801S	1325	445	870	870	325	1000	350	100	700	150	310	180	65	140	235	21/2”
HC-100S	1520	555	955	955	420	1100	470	140	400	150	410	245	70	150	270	3”
HC-1001S	1520	555	955	955	420	1100	470	140	400	150	410	245	70	150	270	3”

HC系列回转风机结构与工作原理
Structure and working principle of HC 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、气缸体相互磨擦，产生磨擦热。所以风机运转时，由滴油嘴往气缸内滴入必要的润滑油，使磨擦表面润滑，以减少磨擦热和磨擦噪音；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！

供料器产品介绍
Feeder product introduction

旋转供料器又称旋转阀，新型下料器，锁气器，通常的旋转供料器结构是带有数个叶片的转子在圆筒形的机壳内旋转，从上部料斗落入物料，充塞在叶片间的空格内，随叶片的旋转到下部而卸出，机体侧面设有均压排气口，可将叶轮回转带来高压气体从此排走，减少气体顶料现象，有利于物料的顺利下落，对压送式，吸送式气力输送系统，旋转供料器是主要的组成部件之一，它可以均匀而连续的向熟料管内供料，而在系统的分离，收尘部，它又具备卸料器，锁气器的功能。

旋转供料器,俗称关风机,卸料器,旋转给料阀,旋转卸料阀,旋转阀等,是散状物料输送的主要设备.以可靠性强,价格实惠等优点广泛应用在粮食加工,化工原料,塑料冶金,能源矿业,建材水泥,码头等行业.啤酒厂麦芽车间、酿造车间输送大麦,麦芽等均使用旋转供料器。旋转供料器主要由主阀(壳体,端盖,叶轮,密封结构等),电机减速机,防护装置(链轮,链轮旋转供料器的配件）-抽气室-加速室-防卡进料器。

型号及代号说明
Model and code description

AR　G　XX　P

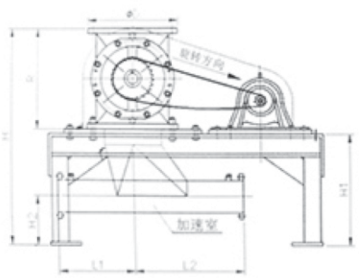
- P：叶片形状：P为直线型，V为人字形
- XX：容积代号(1/rev)例：200代表容积约201/rev
- G：规格：注：G-普通型、GS-不锈钢
- AR：章丘市春林机械有限公司

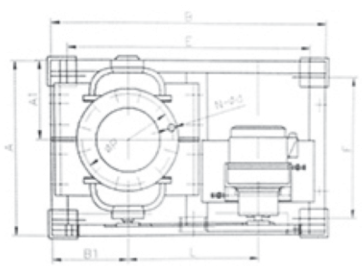
不锈钢旋转供料器

普通标准型
Ordinary standard type

AR 型旋转供料器 AR rotary feeder

AR 型标准型旋转供料器的上下法兰，均为圆形对于用户所需的特殊接口。例如，方形和长方形法兰连接可另行确定，法兰厚度按公司标准规定。





供料器外形尺寸图

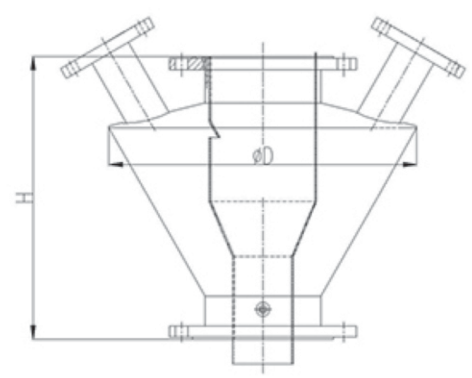
型号 Type	口径 Bore	容积 L/rev	电动机 kW	外形尺寸(mm)													能量 KG
				A	A1	B	B1	E	F	H	H1	H2	R	L	L1	L2	
AR15	125A	1.8	0.37	570	255	805	220	655	420	716	420	183	280	390	180	270	120
AR30	125A	2.8	0.37	570	245	805	220	655	420	736	420	183	300	390	180	270	118
AR50	125A	4.3	0.37	570	245	805	220	655	420	796	450	188	330	390	200	300	140
AR70	200A	6.6	0.75	680	285	1020	270	870	530	820	450	167	350	490	320	480	160
AR120	250A	12.6	0.75	730	330	1090	305	910	580	940	500	191	420	525	330	520	200
AR220	300A	22.3	1.5	820	370	1300	355	1150	670	1063	550	245	490	625	370	530	310
AR300	300A	31.4	1.5	910	380	1300	355	1150	760	1119	550	221	545	625	370	530	400
AR400	350A	41.5	2.2	960	410	1350	380	1200	810	1233	620	270	585	650	400	550	425
AR600	400A	59.0	2.5	1020	445	1410	410	1260	870	1323	650	278	645	680	480	720	520
AR800	450A	80.0	4.0	1140	470	1450	430	1300	990	1411	700	303	700	710	500	800	650

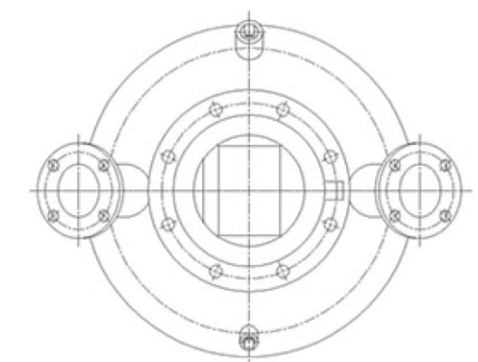
供料器外形尺寸图

型号 Type	口径 Bore	外形尺寸(mm)								
		GB1.0Mpa			JIS55K			JIS10K		
		D	P	N-φd	D	P	N-φd	D	P	N-φd
AR15	125A	235	200	8-Φ19	250	210	8-Φ23	250	210	8-Φ23
AR30	125A	235	200	8-Φ19	250	210	8-Φ23	250	210	8-Φ23
AR50	150A	285	240	8-Φ23	265	230	8-Φ19	280	240	8-Φ23
AR70	200A	340	295	8-Φ23	320	280	8-Φ23	330	290	12-Φ23
AR120	250A	395	350	12-Φ23	385	345	12-Φ23	400	355	16-Φ25
AR220	300A	445	400	12-Φ23	430	390	12-Φ23	445	400	16-Φ25
AR300	300A	445	400	16-Φ23	430	390	12-Φ23	445	400	16-Φ25
AR400	350A	505	460	16-Φ23	480	435	12-Φ25	490	445	16-Φ25
AR600	400A	565	515	16-Φ27	540	495	16-Φ25	560	510	16-Φ27
AR800	450A	615	565	16-Φ27	605	555	16-Φ25	620	565	16-Φ27

抽气室 Pumping room

对于堆积密度小的物料，尤其是粉料，对旋转供料器增加抽气室是为了保证物料正常下落，将气体排走不影响正常输送而设置。





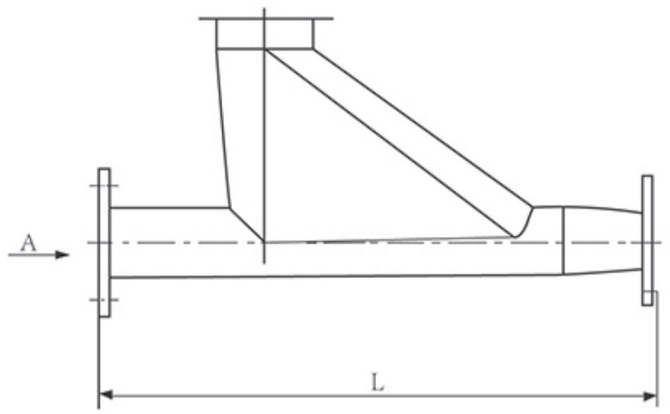
抽气室选型表

尺寸 \ 型号	AR15/30	AR50	AR70	AR120	AR220/300	AR400	AR600	AR800
全高 H(mm)	380	446	520	590	670	815	890	1030
筒径 D(mm)	Φ400	Φ472	Φ560	Φ660	Φ760	Φ920	Φ1065	Φ1275

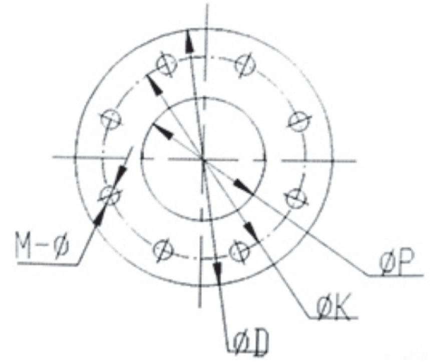
注H为抽气室本体高度，抽气室包括本体、内容

加速室 ARG rotary feeder

加速室作用于旋转供料器下料口将粉粒料向输料管供入时，起到加速输送的效果，并且不会产生较大的压力损失。



联接法兰



口径 Bore	外形尺寸(mm)								
	AR15	AR50	AR70	AR120	AR220	AR300	AR400	AR600	AR800
A	L	L	L	L	L	L	L	L	L
50A	450								
65A	450	500	800						
80A	450	500	800						
100A		500	800	850					
125A			800	850	900	900			
150A			800	850	900	900	950	1200	
200A				850	900	900	950	1200	1300
250A					900	900	950	1200	1300
300A							950	1200	1300

注：尺寸可根据客户要求制作其他标准尺寸

旋转供料器输送能力计算方法

$$W(m^3/H)=V(L/rev)\times N(rpm)\times 60\times\eta(\%)/1000$$

W：卸料量（m^3/H）

V：转子容积（L/rev）

N：转子的容积效率（%）

供料器选型

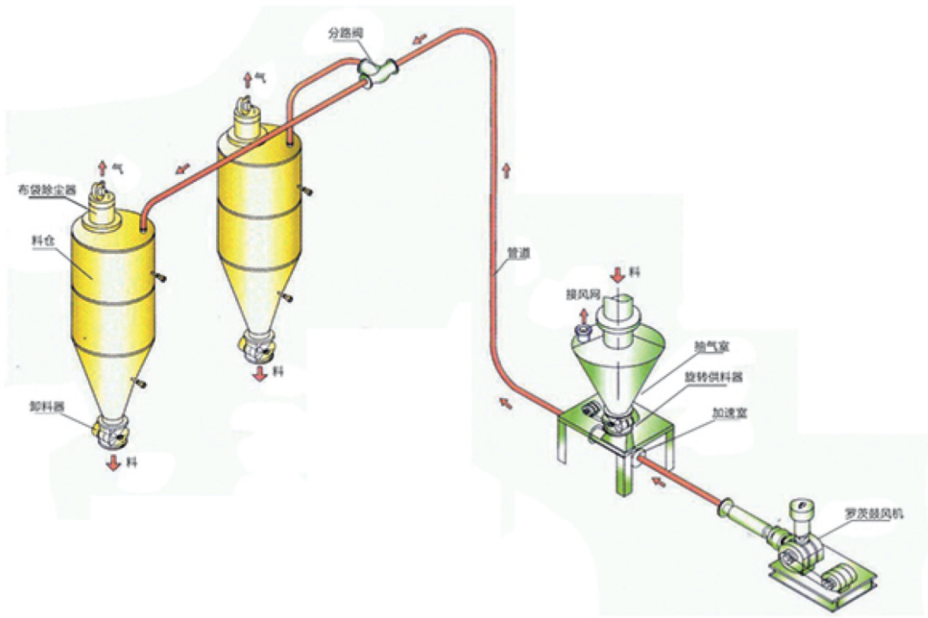
（1）输送物料的性能：名称、粒度、堆积温度、温度、安息角、含水量。
（2）输送能力：每小时的输送量T/H或m^3/h。
（3）安装方式：正装或者侧装。
（4）是否需要配加速室、抽气室。
（5）旋转供料器内腔、叶片是否需要特殊处理。
（6）减速机电动机规格是否防爆（注明防爆等级）。

口径 Bore	外形尺寸(mm)							
	GB0.6Mpa				GB1.0Mpa			
A	D	K	P	M-Φ	D	K	P	M-Φ
50A	140	110	50	4-Φ14	165	125	50	4-Φ18
65A	160	130	65	4-Φ14	185	145	65	4-Φ18
80A	190	150	80	4-Φ18	200	160	80	8-Φ18
100A	210	170	100	4-Φ18	220	180	100	8-Φ18
125A	240	200	125	8-Φ18	250	210	125	8-Φ18
150A	265	225	150	8-Φ18	285	240	150	8-Φ22
200A	320	280	200	8-Φ18	340	295	200	8-Φ22
250A	375	335	250	12-Φ18	395	350	250	8-Φ22
300A	440	395	300	12-Φ18	445	400	300	8-Φ22

旋转供料器在气力输送中的作用

The role of rotary feeder in pneumatic conveying

系统流程图



工作原理

物料从料斗中加入，在加料阀控制作用下进入高压供料器进行定量供料，以双机串联罗茨鼓风机或空气压缩机为气源，产生高压气体，以一定的速度把物料从管道中输送到终点分离器（料仓），料气分离后，气体经过滤除尘后排入大气。

AR 旋转供料器
AR rotary feeder

工程案例

Engineering case

旋转供料器售后服务

Rotary feeder service

1、专业售后服务团队，对用户设备出现故障接到通知后，通过电话沟通无法解决的问题，72小时内赶到现场及时解决问题。
2、对用户定期追访，建立用户档案。
3、所有设备实行三包服务，则包退、包换、包修。
4、售后服务长期合作，建立友好关系，做到用户满意，服务及时。
5、质保期内免费供应易损件，质保期后成本价供应配件。
6、设备终生跟踪服务，包括用户大修时参与配合。