

SSR[®]

高效 节能 环保

**THREE(3) LOBE
ROTARY BLOWER**

**SSR-N系列
高压罗茨鼓风机**



NEW TYPE

山东章晃机械工业有限公司

SHANDONG ZHANGHUANG MACHINERY INDUSTRY CO.,LTD.

中国·济南

山东章晃机械工业有限公司简介

山东章晃机械工业有限公司，是由山东省章丘鼓风机股份有限公司和日本大晃机械工业株式会社共同投资创办的中日合资企业，公司总投资额626万美元，注册资本446万美元，其中日方投资占60%，中方投资占40%。自1996年公司成立以来，SSR商标以其产品的先进技术，可靠地质量保证，完善的服务支持，使SSR系列罗茨鼓风机、GR系列旋转供料器产品成为客户最信赖的品牌。

公司按照质量追求第一，客户持续满意的生产经营理念，于1997年通过了中国进出口商品质量认证，建立了符合ISO9001的质量保证体系，产品源源不断的销往全国各地，并直接出口到东南亚地区及欧洲各国。章晃公司衷心感谢所有客户的信赖与支持，我们将用真诚的服务，推进客户的成功。

SHANDONG ZHANGHUANG MACHINERY INDUSTRY CO., LTD BRIEF

SHANDONG ZHANGHUANG MACHINERY INDUSTRY CO.,LTD is a joint venture company and invested by SHANDONG ZHANGQIU BLOWER CO.,LTD,TAIKO KIKAI INDUSTRIES CO.,LTD. The company has accumulative total investment of USD 6,260,000, the registered capital of USD 4,460,000,the investment proportion of China is 40%,proportion of Japan is 60%.Since the company establish on 1996,SSR products depend the advanced technology , reliable quality, perfect service support,to make the SSR series Roots Blower and GR series Rotary Feeder become the most trusted brand of customer.

The company follows production and management policy quality firstly and to make the customer satisfaction,it has established quality guarantee system of design,development, assembling and service according to ISO 9001and passed the evaluation of China Quality Certification Center For Import And Export Commodities on the December 1997. The products were sold on the everywhere of China and we also sales on the Southeast Asia, Europe and other overseas market directly. SHANDONG ZHANGHUANG MACHINERY INDUSTRY CO.,LTD. thanks very much for the customers of trust and support our products,we will support the best service to promote the customer successful.

做最好的罗茨风机

品质追求第一 客户持续满意

SSR[®]-N系列风机简介

SSR-N series Roots Blower instruction

SSR-N系列三叶罗茨鼓风机是山东章晃机械工业有限公司在多年生产制造罗茨风机的基础上，自行开发设计的新型产品。该产品在风机结构和性能上都有极大的突破、改进和提高。

SSR-N series Roots Blower is the new products that design and develop by SHANDONG ZHANGHUANG MACHINERY INDUSTRY CO.,LTD,which based on the experience of production Roots Blower many years.The N series blower has the big breakthrough、improve on the structure and performance.

风机主要特点

SSR-N series Roots Blower Main Features

- ◆ 风机转速高，效率高；大流量。
- ◆ 风机采用新的叶型设计，大大提高了风机效率。
- ◆ 风机排出消音器与底座一体式，机型结构紧凑，安装便捷，使用维护方便。
- ◆ 皮带松紧调整采用垂直弹簧自涨紧装置，调整更容易。
- ◆ 轴承采用进口轴承，能承受高温和连续运转的工况；齿轮精度达到JIS 1级。
- ◆ 轴封处采用活塞环涨圈密封，密封效果好，有效地提高了容积效率。
- ◆ 排出口采用全排量式安全阀，过载更安全，对风机运行起到了更可靠的安全保护。
- ◆ 采用空冷方式，单级压力98KPa，不用水冷却。

- ◆ The blower have high speed、capacity and efficiency.
- ◆ The blower used the new design of rotary, improved the efficiency.
- ◆ The discharge silencer and common base were integrated. So the blower structure compact, installation and maintenance convenient.
- ◆ The belt tension adjustment by the vertical spring, it's adjustment convenient.
- ◆ The bearing was the imported from Japan, it can be accepted high temperature and continuous operation; The gear accuracy reached stage JIS 1.
- ◆ The shaft seal used piston ring, it has the good effect and improve the volumetric efficiency.
- ◆ The outlet side used the full capacity type salty valve, it will be safe if the pressure overload and protected the blower operation.
- ◆ The blower is air cooling, single stage reach 98 KPa pressure and without water-cooling.



产品性能

Product Property



SSR-N系列

口径: DN80 ~ 200
压力: 9.8 ~ 98KPa
流量: 4.5 ~ 70m³/min

SSR-N series

Bore: DN 80 ~ 200
Pressure: 9.8 ~ 98KPa
Capacity: 4.5 ~ 70m³/min

SSR-VN系列

口径: DN80 ~ 200
压力: -9.8 ~ -49KPa
流量: 4.4 ~ 69.5m³/min

SSR-VN series

Bore: DN 80 ~ 200
Pressure: -9.8 ~ -49KPa
Capacity: 4.4 ~ 69.5m³/min

标准附属品

Standard Accessories

- ◆ 通用底座（带排出消音器）、吸入消音器（带过滤器）、风机皮带轮、电机皮带轮、V形皮带、皮带罩
- ◆ 全排量安全阀、压力表、润滑油、地脚螺栓
- ◆ 弹性接头、单向阀、防振橡胶等。
- ◆ COMMON BASE(WITH DISCHARGE SILENCER)、SUCTION SILENCER(WITH AIR FILTER)、BLOWER PULLEY、MOTOR PULLEY、V-BELT、BELT COVER EXPANSION
- ◆ FULL CAPACITY SAFETY VALVE、PRESSURE GAUGE、LUBRICATION OIL、ANCHOR BOLT
- ◆ RUBBER JOINT、CHECK VALVE、ISOLATOR VIBRATION RUBBER

SSR[®]-N系列性能表

Qs: 进风状态风量 (m³/min) Suction-phase Air Volume (m³/min)

La: 所需动力(kW) Require electric power(kW)

5.5kW	7.5kW	11kW	15kW	18.5kW	22kW	30kW
37kW	45kW	55kW	75kW	90kW	110kW	132kW
160kW						

型式	口径	转速 rpm	排出压力 (kgf/cm ²)																				转速 rpm
			0.1		0.2		0.3		0.4		0.5		0.6		0.7		0.8		0.9		1.0		
			9.8KPa		19.6KPa		29.4KPa		39.2KPa		49KPa		58.8KPa		68.6KPa		78.4KPa		88.2KPa		98KPa		
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
SSR-80N	80A	1950	5.58	3.07	5.46	3.71	5.29	4.87	5.22	5.74	5.08	6.60	5.03	7.70	4.93	8.63	4.85	9.70	4.77	10.97	4.70	11.75	1950
		2100	6.00	3.48	5.89	4.30	5.75	5.52	5.66	6.51	5.53	7.46	5.47	8.48	5.39	9.70	5.32	10.65	5.26	12.10	5.19	12.98	2100
		2300	6.60	3.96	6.48	5.12	6.37	6.24	6.26	7.51	6.14	8.59	6.08	9.43	6.01	10.82	5.97	11.93	5.90	13.28	5.83	14.58	2300
		2500*	7.19	4.31	7.07	5.58	6.99	6.85	6.86	8.23	6.75	9.58	6.71	10.87	6.64	12.61	6.61	14.27	6.56	15.75	6.47	16.83	2500*
		2700*	7.78	4.67	7.66	6.05	7.59	7.44	7.47	8.96	7.37	10.47	7.34	12.10	7.26	14.08	7.23	15.91	7.20	17.36	7.09	18.65	2700*
		2940*	8.54	5.12	8.41	6.65	8.34	8.17	8.25	9.90	8.15	11.66	8.09	13.36	8.04	15.59	8.01	17.61	7.96	19.26	7.84	20.86	2940*
		3200*	9.38	5.82	9.25	7.40	9.17	8.99	9.10	10.92	9.00	12.87	8.94	14.93	8.88	17.23	8.85	19.47	8.78	21.25	8.67	23.15	3200*
SSR-100N	100A	1950	8.14	5.37	7.96	6.37	7.73	7.57	7.59	8.50	7.44	9.67	7.31	10.97	7.08	12.04	6.98	13.41	6.94	14.22	6.90	15.87	1950
		2100	8.71	5.93	8.57	7.12	8.37	8.29	8.23	9.46	8.09	10.60	7.99	12.14	7.80	13.42	7.70	15.02	7.66	16.08	7.62	17.68	2100
		2300	9.54	6.58	9.43	8.01	9.26	9.17	9.11	10.47	8.99	11.86	8.91	13.72	8.77	15.26	8.64	16.94	8.60	18.06	8.56	20.12	2300
		2500*	10.41	7.29	10.30	8.85	10.14	10.24	10.01	11.61	9.88	13.34	9.83	15.33	9.72	17.10	9.58	18.98	9.54	20.50	9.50	22.51	2500*
		2700*	11.30	8.02	11.15	9.82	11.04	11.26	10.90	12.87	10.80	14.69	10.74	16.86	10.66	18.86	10.52	20.84	10.47	22.84	10.44	25.05	2700*
		2940*	12.43	8.95	12.25	10.78	12.14	12.74	12.02	14.18	11.91	16.32	11.85	18.73	11.80	21.00	11.66	23.32	11.61	25.54	11.57	28.12	2940*
		3200*	13.67	9.98	13.49	12.14	13.37	14.04	13.25	15.90	13.14	18.13	13.08	20.80	13.02	23.18	12.88	25.89	12.83	28.35	12.79	31.34	3200*
SSR-125N	125A	1870	13.90	4.31	13.62	6.13	13.37	8.83	13.20	11.49	13.10	14.80	13.00	17.16	12.89	19.71	12.80	22.02	12.70	25.14	12.61	27.99	1870
		2000	14.80	5.03	14.52	6.83	14.29	9.72	14.10	12.55	13.99	16.09	13.89	18.75	13.76	21.20	13.71	23.86	13.60	27.87	13.50	30.11	2000
		2150*	15.86	5.87	15.58	7.79	15.38	10.92	15.20	13.98	15.08	17.64	14.93	20.60	14.83	22.99	14.78	26.00	14.65	30.48	14.55	32.60	2150*
		2300*	16.90	6.76	16.65	8.83	16.47	12.02	16.31	15.49	16.15	19.21	16.03	22.44	15.93	25.00	15.87	28.24	15.74	33.21	15.63	35.18	2300*
		2450*	17.94	7.71	17.74	9.94	17.56	13.35	17.41	17.06	17.24	20.86	17.12	24.31	17.01	27.05	16.95	30.51	16.81	35.65	16.72	37.80	2450*
		2600*	19.00	8.74	18.84	11.11	18.67	14.75	18.55	18.55	18.37	22.78	18.24	26.26	18.13	29.18	18.06	33.05	17.92	38.17	17.83	40.47	2600*
		2750*	20.07	9.64	19.94	12.36	19.80	16.23	19.67	20.07	19.49	24.56	19.35	28.26	19.24	31.36	19.17	35.65	19.02	40.90	18.93	43.15	2750*
2950*	21.60	11.00	21.50	14.06	21.35	18.30	21.26	22.27	21.07	27.52	20.93	31.40	20.81	34.69	20.74	39.70	20.59	44.52	20.49	46.93	2950*		
SSR-150N	150A	1620	22.71	12.04	22.37	15.95	22.06	20.14	21.72	24.54	21.45	28.96	21.20	32.22	20.91	35.55	20.67	39.47	20.42	43.28	20.20	47.06	1620
		1780	25.48	13.51	25.14	18.10	24.83	22.84	24.48	27.91	24.21	32.68	23.96	36.65	23.67	40.47	23.42	44.97	23.17	49.34	22.95	53.47	1780
		1940	28.26	14.98	27.91	20.29	27.60	25.66	27.25	31.33	26.97	36.68	26.71	40.87	26.42	45.44	26.17	50.51	25.92	55.46	25.70	60.13	1940
		2140*	31.67	17.42	31.32	23.08	31.00	29.14	30.64	35.24	30.36	41.29	30.10	46.36	29.80	51.56	29.55	57.03	29.29	62.97	29.06	68.00	2140*
		2260*	33.67	18.52	33.31	24.75	32.99	31.34	32.62	37.84	32.34	44.30	32.07	49.38	31.76	55.27	31.50	61.12	31.24	67.16	31.01	72.87	2260*
		2400*	36.02	20.17	35.65	26.74	35.32	33.91	34.95	40.89	34.66	47.48	34.39	53.30	34.07	59.29	33.81	65.59	33.54	72.10	33.30	78.60	2400*
		2600*	39.40	22.06	39.02	29.66	38.68	37.13	38.30	44.81	38.00	52.44	37.72	58.47	37.40	65.45	37.13	72.40	36.85	79.60	36.61	86.40	2600*
SSR-200N	200A	1060	33.80	10.82	33.48	18.42	33.41	25.06	33.29	31.63	32.92	38.18	32.72	42.53	32.62	51.55	32.56	59.27	32.11	64.86	31.27	71.31	1060
		1230	40.75	13.04	40.42	22.23	40.35	30.27	40.23	38.22	39.85	46.22	39.64	51.54	39.55	62.48	39.49	71.86	39.02	78.82	38.17	87.03	1230
		1390	47.27	15.60	46.94	26.29	46.87	35.62	46.74	44.87	46.35	54.23	46.14	60.22	46.04	73.67	45.98	84.15	45.51	92.84	44.64	102.22	1390
		1480	50.83	17.28	50.50	28.78	50.42	38.83	50.30	48.79	49.89	58.87	49.68	69.56	49.58	79.33	49.52	90.62	48.90	99.75	48.15	110.26	1480
		1660	58.07	19.74	57.72	32.90	57.64	44.39	57.51	55.79	57.10	67.38	56.88	79.63	56.78	90.84	56.71	103.78	56.07	114.39	55.30	126.64	1660
		1790	63.18	22.11	62.82	36.44	62.74	48.94	62.61	61.36	62.18	74.00	61.96	86.74	61.85	99.58	61.78	113.68	61.12	125.92	60.33	138.76	1790
		1960	69.97	24.49	69.60	40.37	69.52	54.23	69.38	67.99	68.94	82.04	68.71	96.19	68.60	110.45	68.53	126.10	67.85	139.77	67.03	154.17	1960

*标记为2极电机

SSR®-VN 真空性能表

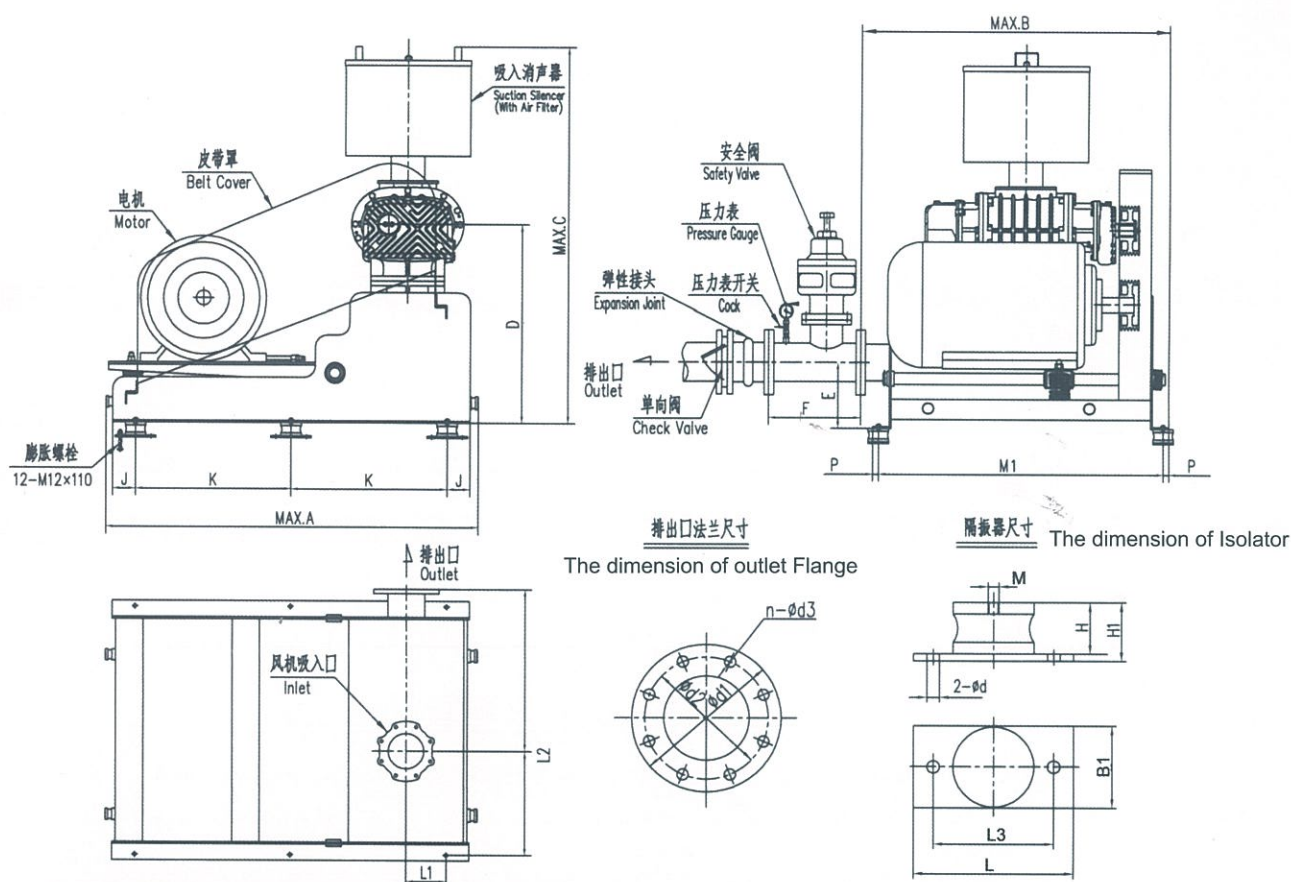
Qs: 各真空度下的风量 (m³/min) The Air Volume of Vacuum (m³/min)

La: 所需动力(kW) Require electric Power(kW)



型式	口径	转速 rpm	各真空度下的进口流量 (m³/min)										转速 rpm
			-0.1kgf/cm²		-0.2kgf/cm²		-0.3kgf/cm²		-0.4kgf/cm²		-0.5kgf/cm²		
			-9.8KPa		-19.6KPa		-29.4KPa		-39.2KPa		-49KPa		
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
SSR-80VN	80A	1950	5.58	3.07	5.38	3.71	5.14	4.87	5.02	5.74	4.78	6.60	1950
		2100	6.00	3.48	5.80	4.30	5.59	5.52	5.46	6.51	5.23	7.46	2100
		2300	6.60	3.96	6.39	5.12	6.22	6.24	6.06	7.51	5.86	8.59	2300
		2500*	7.19	4.31	6.97	5.58	6.84	6.85	6.66	8.23	6.48	9.58	2500*
		2700*	7.78	4.67	7.56	6.05	7.43	7.44	7.27	8.96	7.13	10.47	2700*
		2940*	8.54	5.12	8.32	6.65	8.19	8.17	8.08	9.90	7.95	11.66	2940*
		3200*	9.38	5.82	9.16	7.40	9.03	8.99	8.95	10.92	8.84	12.87	3200*
SSR-100VN	100A	1950	8.14	5.37	7.83	6.37	7.50	7.57	7.28	8.50	6.99	9.67	1950
		2100	8.71	5.93	8.44	7.12	8.14	8.29	7.91	9.46	7.65	10.60	2100
		2300	9.54	6.58	9.29	8.01	9.02	9.17	8.79	10.47	8.57	11.86	2300
		2500*	10.41	7.29	10.15	8.85	9.90	10.24	9.70	11.61	9.49	13.34	2500*
		2700*	11.30	8.02	11.00	9.82	10.80	11.26	10.60	12.87	10.43	14.69	2700*
		2940*	12.43	8.95	12.10	10.78	11.90	12.74	11.74	14.18	11.59	16.32	2940*
		3200*	13.67	9.98	13.34	12.14	13.14	14.04	13.00	15.90	12.87	18.13	3200*
SSR-125VN	125A	1870	13.90	4.31	13.51	6.13	13.19	8.83	12.87	11.49	12.42	14.80	1870
		2000	14.80	5.03	14.40	6.83	14.09	9.72	13.74	12.55	13.26	16.09	2000
		2150*	15.86	5.87	15.45	7.79	15.16	10.92	14.82	13.98	14.30	17.64	2150*
		2300*	16.90	6.76	16.51	8.83	16.24	12.02	15.92	15.49	15.33	19.21	2300*
		2450*	17.94	7.71	17.59	9.94	17.33	13.35	17.01	17.06	16.39	20.86	2450*
		2600*	19.00	8.74	18.68	11.11	18.42	14.75	18.14	18.55	17.49	22.78	2600*
		2750*	20.07	9.64	19.77	12.36	19.55	16.23	19.27	20.07	18.59	24.56	2750*
		2950*	21.60	11.00	21.33	14.06	21.11	18.30	20.87	22.27	20.17	27.52	2950*
SSR-150VN	150A	1620	22.71	12.04	21.86	15.95	21.24	20.14	20.57	24.54	19.91	28.96	1620
		1780	25.48	13.51	24.65	18.10	24.05	22.84	23.43	27.91	22.83	32.68	1780
		1940	28.26	14.98	27.45	20.29	26.85	25.66	26.28	31.33	25.76	36.68	1940
		2140*	31.67	17.42	30.88	23.08	30.30	29.14	29.77	35.24	29.32	41.29	2140*
		2260*	33.67	18.52	32.87	24.75	32.30	31.34	31.79	37.84	31.37	44.30	2260*
		2400*	36.02	20.17	35.22	26.74	34.65	33.91	34.17	40.89	33.79	47.48	2400*
		2600*	39.40	22.06	38.60	29.66	38.05	37.13	37.59	44.81	37.28	52.44	2600*
SSR-200VN	200A	1060	33.80	10.82	32.40	18.42	31.93	25.06	31.33	31.63	30.27	38.18	1060
		1230	40.75	13.04	39.36	22.23	38.96	30.27	38.48	38.22	37.59	46.22	1230
		1390	47.27	15.60	45.88	26.29	45.56	35.62	45.18	44.87	44.44	54.23	1390
		1480	50.83	17.28	49.44	28.78	49.14	38.83	48.81	48.79	48.13	58.87	1480
		1660	58.07	19.74	56.66	32.90	56.44	44.39	56.21	55.79	55.68	67.38	1660
		1790	63.18	22.11	61.75	36.44	61.57	48.94	61.39	61.36	60.95	74.00	1790
		1960	69.97	24.49	68.52	40.37	68.40	54.23	68.32	67.99	68.01	82.04	1960

*标记为2极电机



风机型号	A	B	C	D	E	F	J	K	M1	P	L1	L2
SSR-80N	1115	796	1013	450	150	300	100	420	710	20	70	776
SSR-100N	1115	846	1050	490	160	300	100	420	760	20	70	826
SSR-125N	1380	968	1250	635	190	300	100	550	860	20	120	948
SSR-150N	1625	1185	1600	842	210	350	160	620	1080	30	115	1155
SSR-200N	1905	1420	1815	950	256	350	200	700	1300	30	100	1390
风机型号	d1	d2	n	d3	M	H	H1	d	B1	L	L4	重量 (Kg)
SSR-80N	200	160	8	19	12	50	56	14	66	145	105	255
SSR-100N	220	180	8	19	12	50	56	14	66	145	105	270
SSR-125N	250	210	8	23	12	50	56	14	66	145	105	450
SSR-150N	285	240	8	23	12	58	66	14	92	178	134	765
SSR-200N	340	295	8	23	12	58	66	14	92	178	134	1355

注：重量中不包含电机重量，SSR-80N~125N减振器型号为JGD-320，SSR-150N~200N减振器型号为JGD-640。

Remark: The weight without motor, SSR-80N~125N Isolator type: JGD-320, SSR-150N~200N Isolator type: JGD-640



SSR[®]

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