



## Robust Design And Aerodynamic Optimization SSR Industrial Roots Vacuum Pump Suitable For Harsh Environments

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Aipu
- Model Number: SSR
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Export Standard Packaging
- Payment Terms: T/T, L/C



### Product Specification

- Flow Range: 0.45-452.4m<sup>3</sup>/min
- Material: HT200
- Vacuum Degree: -9.8~-44kPa
- Models: SSR
- Calibre:  $\phi$ 50-200mm
- Highlight: industrial roots vacuum pump,  
robust roots type pump,  
robust roots vacuum pump



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## Product Description

# Robust design and aerodynamic optimization of SSR industrial Roots vacuum pump suitable for harsh environments

## Product Features

### Product Overview

SSR Roots vacuum pump is a type of Roots vacuum pump with high efficiency and durability, widely used in scientific research, industrial production, and laboratory fields.

The working principle of SSR Roots vacuum pump is based on the general working principle of Roots vacuum pump. It consists of a pair of leaf shaped rotors that rotate synchronously in opposite directions inside the pump chamber, moving gas through a pushing force to achieve pumping. Maintaining small gaps between rotors and between rotors and the inner wall of the pump casing usually does not require oil lubrication.

The main features of SSR Roots vacuum pump include:

**Efficient pumping:** With a high pumping rate, it can quickly reduce the pressure inside the container.

**Oil free design:** No lubricating oil needs to be added to the pump body, avoiding oil pollution and interference with the vacuum environment.

**Low noise operation:** The optimized structural design ensures that the pump operates with low noise, making it suitable for noise sensitive environments.

**Long service life:** High quality materials and precision machining improve the pump's long service life and stability performance.

When using SSR Roots vacuum pump, the following points should be noted:

**Installation environment:** Ensure that the pump is installed in a dry, ventilated, and dust-free environment, avoiding direct sunlight and high temperatures.

**Power requirements:** Before use, check if the power supply meets the requirements of the pump and ensure good grounding to prevent electric shock.

**Operating standards:** Follow the steps in the operating manual to avoid damage or safety accidents caused by improper operation.

To ensure the normal operation and prolong the service life of SSR Roots vacuum pumps, it is recommended to perform regular maintenance:

**Daily maintenance:** Regularly clean the pump body and exhaust pipeline to keep the interior clean and free of debris.

**Power and grounding inspection:** Regularly check the power cord and grounding situation to ensure safety and reliability.

**Professional maintenance:** It is recommended to perform professional maintenance on the pump body at least once a year.

### Key Advantages

Exceptional durability and reliability for use in extreme industrial environments

Highly efficient vacuum generation minimizes energy usage and operating costs

Advanced aerodynamics optimize performance while reducing noise and vibration

Robust environmental protection extends equipment service life and uptime

## Scope of application

It is suitable for sewage treatment industry, petrochemical industry, food and drug industry, textile industry, metallurgy industry, cement and construction materials industry, printing and dyeing industry and other industries.

## Market Distribution

We have 42 offices throughout the country, in addition to Taiwan Province, 33 provinces in the country's administrative regions have a sound sales and service network. We can provide you with pre-sale, in-sale and after-sales service in a timely and convenient manner, understand your needs, and constantly improve the service and quality system while meeting the customized needs of customers.

## High Performance Aerodynamic Design Methodology for Wide Service Conditions

By studying the influence of impeller and volute flow on efficiency and working stability, the R&D team proposed a flow control method and a pneumatic optimization design method to improve the performance of the main engine, which greatly improved the efficiency of the main engine.

## Manufacturing & Equipment Base

has built laboratories, R&D buildings, processing workshops, etc., with internationally advanced and China leading high-precision processing equipment.



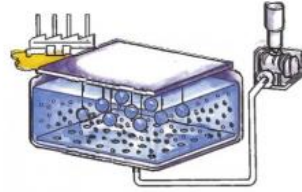
## Examples of uses



■ 水泡浴 Foaming in Bath



■ 燃烧炉  
Combustion a Fireplace



■ 电镀槽搅拌  
Stirring in Plated Vessel



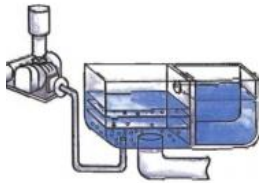
■ 公寓大楼的污水处理（曝气）  
Waste water Aeration in Condominiums



■ 工厂废水和畜产废水处理（曝气）  
Waste Water Aeration for Shop and  
Livestock Industries



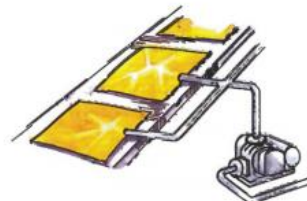
■ 养鱼用 Fish Care



■ 冲洗 Back Washing



■ 粉体输送（水泥、饲料、小片状物）  
Transport of Particles



■ 食品真空包装  
Vacuum Pack for Foods

## >>SSR-V 真空性能表

### >>TYPE SSR-V VACUUM PERFORMANCE TABLE

0.75kW 1.1kW 1.5kW 2.2kW 3kW 4kW 5.5kW 7.5kW 11kW  
15kW 18.5kW 22kW 30kW 37kW 45kW 55kW 75kW 90kW

		Gs 各真空度下的风量 (m <sup>3</sup> /min) Vacuum Volume at each Discharge pressure (m <sup>3</sup> /min)						La 所需功率 (kW) Required electric power (kW)					
型式 Type	口径 Bore	真空度 Vacuum pressure mmHg	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg		
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
SSR-50V	吸入口径 5K-40A 吐出口径 1.0MPa-50A	1100	1.12	0.36	1.03	0.55	0.94	0.74	0.86	0.93			
		1230	1.29	0.47	1.20	0.67	1.10	0.88	1.02	1.08			
		1350	1.45	0.58	1.36	0.80	1.26	1.02	1.16	1.24			
		1470	1.62	0.74	1.54	0.96	1.45	1.18	1.35	1.40	1.25	1.62	
		1560	1.76	0.86	1.69	1.09	1.60	1.31	1.50	1.54	1.37	1.76	
		1660	1.88	0.93	1.81	1.17	1.71	1.41	1.61	1.66	1.48	1.90	
		1750	1.99	0.99	1.92	1.27	1.82	1.50	1.71	1.76	1.58	2.02	
		1850	2.12	1.13	2.05	1.39	1.95	1.65	1.84	1.90	1.71	2.17	
		1960	2.27	1.28	2.20	1.55	2.10	1.80	1.98	2.03	1.90	2.34	
		2120	2.46	1.56	2.38	1.84	2.27	2.21	2.15	2.40	2.62	2.67	
SSR-65V	吸入口径 5K-50A 吐出口径 1.0MPa-65A	1100	1.57	0.75	1.43	0.98	1.30	1.21	1.16	1.45			
		1240	1.83	0.84	1.69	1.09	1.54	1.35	1.40	1.60			
		1360	2.08	0.95	1.93	1.24	1.78	1.52	1.59	1.81			
		1460	2.27	1.05	2.13	1.35	1.99	1.65	1.84	1.96	1.70	2.26	
		1550	2.47	1.13	2.32	1.45	2.17	1.77	2.03	2.09	1.88	2.41	
		1670	2.70	1.24	2.56	1.58	2.42	1.93	2.27	2.28	2.13	2.62	
		1770	2.90	1.32	2.76	1.69	2.62	2.06	2.49	2.43	2.35	2.79	
		1860	3.08	1.44	2.94	1.82	2.80	2.20	2.65	2.59	2.51	2.95	
		1960	3.33	1.60	3.16	2.00	3.03	2.41	2.89	2.81	2.74	3.23	
		2150	3.57	1.64	3.43	2.28	3.30	2.72	3.16	3.16	3.02	3.60	
SSR-80V	吸入口径 5K-65A 吐出口径 1.0MPa-80A	1130	2.29	1.01	2.79	1.46	2.65	1.90	2.50	2.35			
		1240	2.92	1.17	3.15	1.66	3.00	2.14	2.85	2.63	2.69	3.11	
		1300	3.49	1.30	3.35	1.80	3.20	2.30	3.05	2.80	2.89	3.30	
		1370	3.75	1.54	3.59	1.96	3.44	2.45	3.29	3.04	3.13	3.53	
		1470	4.08	1.60	3.89	2.16	3.74	2.73	3.59	3.30	3.43	3.86	
		1570	4.36	1.82	4.21	2.40	4.07	2.99	3.92	3.57	3.77	4.16	
		1660	4.64	2.00	4.51	2.67	4.37	3.24	4.22	3.85	4.06	4.46	
		1750	4.95	2.23	4.81	2.85	4.67	3.48	4.53	4.11	4.38	4.73	
		1840	5.23	2.42	5.10	3.09	4.96	3.75	4.81	4.42	4.65	5.09	
		1930	5.53	2.64	5.40	3.33	5.26	4.02	5.11	4.72	4.95	5.41	
SSR-100V	吸入口径 5K-80A 吐出口径 1.0MPa-100A	1070	4.35	1.56	4.05	2.24	3.87	2.92	3.57	3.65			
		1160	4.83	1.80	4.55	2.53	4.29	3.27	4.03	4.04	3.78	4.72	
		1240	5.27	1.97	4.99	2.74	4.72	3.52	4.40	4.29	4.20	5.07	
		1320	5.80	2.09	5.54	2.94	5.27	3.79	5.04	4.64	4.74	5.49	
		1480	6.51	2.27	6.28	3.19	6.05	4.14	5.82	5.05	5.60	5.97	
		1580	6.86	2.45	6.77	3.43	6.55	4.64	6.33	5.44	6.10	6.40	
		1700	7.57	2.65	7.37	3.72	7.16	4.79	6.96	5.86	6.73	6.82	
		1790	8.00	2.82	7.61	3.96	7.60	5.07	7.38	6.19	7.15	7.27	
		1890	8.47	3.03	8.29	4.21	8.09	5.39	7.86	6.58	7.66	7.74	
		2010	9.08	3.23	8.92	4.46	8.75	5.74	8.57	7.00	8.38	8.26	



>>>SSR-V 真空性能表

>>>TYPE SSR-V VACUUM PERFORMANCE TABLE



型式 Type	口径 Bore	真空度 Vacuum pressure	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg	
			-1360mmAq		-2040mmAq		-2720mmAq		-3400mmAq		-4080mmAq	
		转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR-125V	吸入口径 5K-100A 吐出口径 1.0MPa-125A	990	6.24	2.27	5.97	3.17	5.70	4.07	5.42	4.97	5.14	5.86
		1050	6.75	2.60	6.48	3.53	6.21	4.47	5.94	5.41	5.66	6.35
		1200	7.77	3.26	7.51	4.31	7.25	5.37	6.98	6.42	6.69	7.47
		1310	8.57	3.71	8.36	4.87	8.13	6.02	7.88	7.18	7.61	8.33
		1410	9.27	4.05	9.05	5.29	8.82	6.53	8.57	7.77	8.30	9.00
		1470	9.70	4.37	9.48	5.66	9.25	6.95	9.02	8.23	8.78	9.21
		1550	10.30	4.62	10.10	5.98	9.82	7.34	9.58	8.70	9.33	10.10
		1650	11.00	5.18	10.70	6.64	10.50	9.11	10.30	9.58	10.10	11.10
		1770	11.80	5.70	11.50	7.23	11.30	8.75	11.10	10.30	10.90	11.80
		1880	12.50	6.25	12.30	7.86	12.00	9.46	11.60	11.10	11.60	12.70
SSR-150V	吸入口径 5K-125A 吐出口径 1.0MPa-150A	810	12.60	3.51	12.20	4.83	11.80	6.72	11.40	8.61	11.00	10.50
		870	13.80	4.12	13.30	6.00	12.80	7.60	12.30	9.77	11.80	11.70
		990	15.60	4.46	15.20	6.58	14.70	8.70	14.30	10.80	13.80	12.90
		1120	17.70	6.61	17.30	8.94	16.80	11.30	16.30	13.60	15.80	15.30
		1200	19.10	7.57	18.70	9.93	18.20	12.30	17.80	14.70	17.30	17.00
		1270	20.30	8.40	19.90	10.80	19.50	13.20	19.10	15.60	18.70	18.00
		1410	22.50	10.50	22.10	13.20	21.70	15.90	21.30	18.60	20.80	21.30
		1540	24.60	12.50	24.20	15.40	23.70	18.30	23.20	21.20	22.70	24.00
		1670	26.50	14.30	26.00	17.40	25.50	20.50	25.00	23.50	24.50	26.60
		1780	27.80	15.90	27.30	19.20	26.80	22.50	26.30	25.80	25.70	29.10
SSR-175V	吸入口径 5K-150A 吐出口径 1.0MPa-200A	970	21.19	8.09	20.43	11.19	19.57	13.65	18.86	15.85	18.01	18.15
		1110	24.84	10.07	23.90	13.81	23.10	16.65	22.55	19.14	21.51	21.70
		1180	26.63	11.46	25.75	14.56	24.86	17.75	24.28	20.53	23.42	23.42
		1240	28.18	11.96	27.24	15.70	26.55	19.01	25.88	21.74	24.96	25.15
		1400	32.18	14.20	31.32	18.48	30.57	22.64	29.95	25.53	29.08	29.27
		1520	35.15	16.11	34.25	20.99	33.65	24.85	32.91	28.58	32.03	32.33
		1620	37.48	18.02	36.62	23.57	35.79	27.67	35.13	31.53	34.23	35.84
		1730	40.00	20.22	39.12	26.00	38.32	30.85	37.66	35.35	36.67	39.61
		810	31.07	10.38	29.92	14.89	29.01	18.96	28.16	23.20	27.08	27.43
		900	34.92	12.49	33.96	17.37	33.17	22.01	32.28	26.62	31.16	31.49
SSR-200V	吸入口径 5K-200A 吐出口径 1.0MPa-200A	980	38.39	14.40	37.24	19.66	36.85	24.80	35.97	30.06	34.78	35.14
		1070	42.37	16.59	41.02	21.61	40.97	27.72	40.09	33.57	38.86	39.32
		1150	45.90	18.61	45.25	24.06	44.65	30.15	43.72	36.35	42.50	42.78
		1230	49.01	20.58	48.38	26.74	47.79	33.47	47.02	40.25	45.87	46.83
		1310	52.06	23.03	51.51	29.61	50.95	36.65	50.33	43.84	49.24	50.97
		1390	55.69	25.15	55.19	32.33	54.59	39.86	53.61	47.40	52.84	55.03
		1480	58.65	27.52	58.17	34.85	57.64	43.13	57.30	51.20	56.46	59.06

#### TYPE SSR-VHB VACUUM PERFORMANCE TABLE

Qs 各真空度下的风量(m<sup>3</sup>/min)

Vacuum Volume at each Discharge pressure(ml/min)

La: 9.405, 1.1 (kW)

Required electric power(kW)

型式 Type	口径 Bore	真空度 Vacuum pressure	-100mmHg -1360mmAq		-150mmHg -2040mmAq		-200mmHg -2720mmAq		-250mmHg -3400mmAq		-300mmHg -4080mmAq		-330mmHg -4488mmAq		真空度 Vacuum pressure	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La		
SSR-50VH	吸入口径 5K-40A 吐出口径 10MPa-50A	1100	1.12	0.36	1.03	0.55	0.94	0.74	0.95	0.93					1100	
		1230	1.29	0.47	1.20	0.67	1.10	0.88	1.02	1.08					1230	
		1350	1.45	0.58	1.36	0.80	1.26	1.02	1.15	1.24					1350	
		1470	1.62	0.74	1.54	0.96	1.45	1.18	1.35	1.40	1.25	1.62	1.21	1.75	1470	
		1590	1.78	0.86	1.69	1.09	1.60	1.31	1.50	1.54	1.37	1.78	1.31	1.89	1590	
		1660	1.88	0.93	1.81	1.17	1.71	1.41	1.61	1.66	1.48	1.90	1.42	2.04	1660	
		1750	1.99	0.99	1.92	1.27	1.82	1.50	1.71	1.78	1.58	2.02	1.52	2.17	1750	
		1850	2.12	1.13	2.05	1.39	1.95	1.65	1.84	1.91	1.77	2.17	1.64	2.32	1850	
		1960	2.27	1.28	2.20	1.55	2.10	1.81	1.99	2.08	1.89	2.34	1.85	2.50	1960	
		2100	2.46	1.56	2.36	1.84	2.27	2.21	2.15	2.45	2.02	2.67	1.95	2.83	2100	
SSR-65VH	吸入口径 6K-60A 吐出口径 10MPa-65A	2800	2.88	1.79	2.69	2.10	2.48	2.50	2.57	2.79	2.27	3.05	2.23	3.21	2800	
		1100	1.57	0.73	1.43	0.98	1.30	1.21	1.16	1.45					1100	
		1240	1.83	0.84	1.69	1.09	1.54	1.35	1.40	1.61					1240	
		1360	2.05	0.95	1.93	1.24	1.78	1.52	1.64	1.81					1360	
		1460	2.27	1.05	2.13	1.35	1.99	1.65	1.84	1.95	1.70	2.28	1.61	2.44	1460	
		1550	2.47	1.13	2.32	1.45	2.17	1.77	2.03	2.09	1.88	2.41	1.80	2.60	1550	
		1670	2.70	1.24	2.56	1.58	2.42	1.93	2.27	2.28	2.13	2.62	2.05	2.83	1670	
		1770	2.90	1.32	2.78	1.69	2.62	2.06	2.49	2.43	2.35	2.79	2.27	3.03	1770	
		1890	3.08	1.44	2.94	1.82	2.80	2.20	2.65	2.59	2.51	2.98	2.44	3.20	1890	
		1993	3.33	1.60	3.18	2.00	3.03	2.41	2.89	2.61	2.74	3.23	2.72	3.47	1990	
SSR-80VH	吸入口径 8K-80A 吐出口径 10MPa-80A	2130	3.57	1.84	3.43	2.23	3.30	2.72	3.16	3.16	3.02	3.60	2.92	3.38	2130	
		2300	3.80	2.10	3.65	2.54	3.49	3.05	3.34	3.51	3.15	3.95	3.09	4.21	2300	
		1130	2.92	1.01	2.79	1.46	2.65	1.90	2.50	2.55					1130	
		1240	3.29	1.17	3.15	1.66	3.00	2.14	2.85	2.83	2.69	3.11	2.62	3.40	1240	
		1300	3.49	1.30	3.35	1.80	3.20	2.30	3.05	2.80	2.80	3.30	2.82	3.60	1300	
		1370	3.73	1.44	3.59	1.90	3.44	2.49	3.29	3.01	3.13	3.53	3.03	3.81	1370	
		1470	4.03	1.60	3.89	2.10	3.74	2.73	3.59	3.30	3.43	3.88	3.35	4.20	1470	
		1570	4.35	1.82	4.21	2.40	4.07	2.99	3.92	3.57	3.77	4.18	3.65	4.51	1570	
		1660	4.64	2.01	4.51	2.62	4.37	3.24	4.22	3.85	4.06	4.46	3.95	4.82	1660	
		1759	4.85	2.23	4.81	2.85	4.67	3.48	4.53	4.11	4.39	4.73	4.27	5.10	1760	
SSR-100VH	吸入口径 8K-80A 吐出口径 10MPa-100A	1840	5.32	2.42	5.10	3.09	4.90	3.75	4.81	4.42	4.65	5.99	5.56	5.48	1840	
		1959	5.53	2.64	5.40	3.33	5.26	4.05	5.11	4.72	4.95	6.41	4.85	5.82	1960	
		2190	6.09	2.88	5.95	3.65	5.82	4.42	5.65	5.19	5.49	6.99	5.41	6.42	2190	
		2300	6.75	3.27	6.62	4.12	6.48	4.96	6.31	5.89	6.15	7.65	6.07	7.14	2300	
		1070	4.35	1.56	4.05	2.24	3.80	2.92	3.57	3.60					1070	
		1160	4.83	1.80	4.58	2.53	4.29	3.27	4.03	4.04	3.78	4.72	3.83	5.15	1160	
		1240	5.27	1.97	4.99	2.74	4.72	3.52	4.40	4.59	4.29	5.07	4.07	5.52	1240	
		1320	5.80	2.09	5.54	2.94	5.27	3.79	5.04	4.54	4.74	5.48	4.58	6.00	1320	
		1460	5.51	2.27	5.28	3.19	5.05	4.14	5.02	5.05	5.60	5.97	5.47	6.51	1460	
		1590	5.99	2.45	5.77	3.43	5.55	4.44	5.33	5.44	6.10	6.40	5.95	6.98	1590	
型式 Type	口径 Bore	吐出口径 Vacuum pressure	1799	7.57	2.66	7.37	3.72	7.16	4.78	6.95	5.86	6.73	6.92	6.60	7.56	1799
			1799	8.05	2.87	7.81	3.95	7.60	5.07	7.38	6.19	7.15	7.27	7.01	7.93	1799
			1899	8.47	3.03	8.29	4.21	8.09	5.55	7.88	6.55	7.69	7.74	7.59	8.45	1899
			2015	9.09	3.23	8.92	4.48	8.75	5.74	8.57	7.00	8.38	8.28	8.27	9.03	2019
			2209	10.07	3.56	9.91	5.09	9.63	6.37	9.33	7.79	9.38	9.13	8.89	9.95	2209
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La		
			-190mmHg -2500mmAq	-204mmHg -2720mmAq	-220mmHg -2920mmAq	-250mmHg -3300mmAq	-300mmHg -4080mmAq	-330mmHg -4488mmAq								
			-100mmHg -1360mmAq	-150mmHg -2040mmAq	-200mmHg -2720mmAq	-250mmHg -3400mmAq	-300mmHg -4080mmAq	-330mmHg -4488mmAq								
			真空度 Vacuum pressure	真空度 Vacuum pressure	真空度 Vacuum pressure	真空度 Vacuum pressure	真空度 Vacuum pressure	真空度 Vacuum pressure								



## SSR-VHB型 真空性能表

TYPE SSR-VHB VACUUM PERFORMANCE TABLE

1.1kW 1.5kW 2.2kW 3kW 4kW 5.5kW 7.5kW 11kW 15kW  
18.5kW 22kW 30kW 37kW 45kW 55kW 75kW 90kW 110kW

型式 Type	口径 Bore	真空度	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg		-330mmHg		真空度
		Vacuum pressure	-1360mmAq		-2040mmAq		-2720mmAq		-3400mmAq		-4080mmAq		-4488mmAq		Vacuum pressure
		转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	转速 rpm
SSR-125VHB	吸入口径 5K-100A 吐出口径 1.0MPa-125A	980	6.24	2.27	5.97	3.17	5.70	4.07	5.42	4.97	5.14	5.86	5.01	6.40	980
		1050	6.75	2.60	6.48	3.53	6.21	4.47	5.94	5.41	5.66	6.35	5.61	6.89	1050
		1200	7.77	3.26	7.51	4.31	7.25	5.37	6.98	6.42	6.69	7.47	6.58	8.08	1200
		1310	8.57	3.71	8.36	4.87	8.13	6.02	7.88	7.18	7.61	8.33	7.44	9.00	1310
		1410	9.27	4.05	9.05	5.29	8.82	6.53	8.57	7.77	8.30	9.00	8.15	9.73	1410
		1470	9.70	4.37	9.48	5.66	9.25	6.95	9.02	8.23	8.78	9.50	8.50	10.28	1470
		1550	10.37	4.62	10.10	5.98	9.82	7.34	9.58	8.70	9.33	10.10	9.13	10.92	1550
		1650	11.00	5.18	10.70	6.64	10.50	8.11	10.30	9.58	10.10	11.10	9.64	11.93	1650
		1770	11.80	5.70	11.50	7.23	11.30	8.75	11.10	10.30	10.90	11.80	10.38	12.71	1770
		1880	12.50	6.25	12.30	7.86	12.00	9.46	11.80	11.10	11.60	12.70	11.18	13.65	1880
		2000	13.37	6.84	13.17	8.55	12.85	10.27	12.51	11.97	12.21	13.69	12.04	14.72	2000
		SSR-150VHB	吸入口径 5K-125A 吐出口径 1.0MPa-150A	810	12.60	3.51	12.20	4.83	11.80	6.72	11.40	8.61	11.00	10.50	10.75
870	13.80			4.12	13.30	6.00	12.80	7.80	12.30	9.77	11.80	11.70	11.50	12.74	870
990	15.60			4.46	15.10	6.58	14.60	8.70	14.20	10.80	13.80	12.90	13.60	14.17	990
1120	17.70			6.61	17.30	8.94	16.80	11.30	16.30	13.60	15.80	15.90	15.55	17.30	1120
1200	19.20			7.57	18.70	9.93	18.20	12.30	17.80	14.70	17.30	17.00	16.93	18.43	1200
1270	20.30			8.40	19.80	10.80	19.50	13.20	19.10	15.60	18.70	18.00	18.09	19.42	1270
1410	22.50			10.50	22.10	13.20	21.70	15.90	21.30	18.60	20.90	21.30	20.88	22.90	1410
1540	24.70			12.50	24.20	15.40	23.70	18.30	23.20	21.20	22.70	24.00	23.25	25.70	1540
1670	26.50			14.30	26.00	17.40	25.50	20.50	25.00	23.50	24.50	26.80	24.23	28.41	1670
1780	27.60			15.90	27.30	19.20	26.80	22.50	26.30	25.80	25.70	29.10	25.51	31.07	1780
1900	29.25			17.77	28.81	21.09	27.91	24.83	27.34	26.45	26.72	32.26	26.47	33.93	1900
810	31.07			10.38	29.82	14.89	29.01	18.96	28.16	23.20	27.08	27.43	25.72	29.85	810
SSR-200VHB	吸入口径 5K-200A 吐出口径 1.0MPa-200A	900	34.92	12.49	33.98	17.37	33.17	22.01	32.28	26.82	31.16	31.49	29.76	34.30	900
		980	38.39	14.40	37.24	19.66	36.35	24.80	35.97	30.06	35.10	35.14	34.60	38.19	980
		1070	42.37	16.59	41.02	21.81	40.91	27.72	40.09	33.57	38.86	39.32	36.37	42.61	1070
		1150	45.90	18.61	43.25	24.06	44.65	30.15	43.72	36.36	42.50	42.76	40.96	46.16	1150
		1230	49.01	20.58	46.38	26.74	47.79	33.47	47.02	40.25	45.87	46.83	43.78	50.74	1230
		1310	53.38	23.03	51.61	29.61	50.95	36.65	50.33	43.84	49.24	50.97	46.60	55.13	1310
		1390	55.22	25.15	54.65	32.33	54.11	39.86	53.61	47.40	52.64	55.06	49.44	59.57	1390
		1480	58.85	27.82	58.17	34.85	57.64	43.13	57.05	51.20	56.46	59.06	52.61	63.78	1480
		900	55.7	20.72	53.24	27.1	51.28	36.23	49.15	43.78	47.15	49.50	46.73	54.75	900
		980	61.43	22.05	58.95	30.98	57.05	40.33	55.03	48.83	53.00	55.51	52.68	60.92	980
		1070	67.72	25.83	65.3	34.5	63.52	45.88	61.30	54.56	59.60	61.53	59.35	67.84	1070
		SSR-250VHB	250A	1160	73.95	28.98	71.64	38.77	69.99	50.92	68.15	60.23	66.10	67.65	65.90
1240	79.59			31.64	77.19	41.96	75.40	55.50	73.20	65.27	71.60	73.48	71.10	81.07	1240
1350	87.31			35.61	85.23	46.68	83.60	62.10	82.00	72.33	79.80	81.00	79.50	89.16	1350

## SSR-T型 性能表 TYPE SSR-T PERFORMANCE TABLE

0.55kW 0.75kW 1.1kW 1.5kW 2.2kW 3.0kW 4.0kW  
Qs: 进风状态风量(m³/min) Suction-phase Air Volume(m³/min)  
La: 所需电力(kW) Required electric power(kW)

型式 Type	口径 Bore	转速 rpm	吐出压力 Discharge Pressure 力(kg/cm²)													
			0.10		0.15		0.20		0.25		0.30		0.35		0.40	
			9.8kPa		14.7kPa		19.6kPa		24.5kPa		29.4kPa		34.3kPa		39.2kPa	
SSR-20T	1/2B (20A)	1750	160	0.20	150	0.22	140	0.24	130	0.26	120	0.28	110	0.30	100	0.32
		2000	200	0.23	190	0.25	180	0.27	170	0.29	160	0.31	150	0.33	140	0.35
		2250	240	0.26	230	0.29	220	0.31	210	0.33	200	0.35	190	0.38	180	0.40
		2500	270	0.29	260	0.32	250	0.34	240	0.37	230	0.39	220	0.42	210	0.44
SSR-25T	1B (25A)	1750	210	0.23	195	0.25	180	0.27	165	0.30	150	0.32	135	0.35		
		2000	270	0.26	255	0.29	240	0.31	225	0.34	210	0.37	195	0.40	180	0.43
		2250	310	0.30	295	0.33	280	0.35	265	0.39	250	0.42	235	0.46	220	0.49
		2500	360	0.33	345	0.36	330	0.39	315	0.43	300	0.46	285	0.50	270	0.54
SSR-32T	1 1/2B (32A)	1750	360	0.27	340	0.31	320	0.34	300	0.38	280	0.42	260	0.46	240	0.50
		2000	440	0.31	420	0.35	400	0.39	380	0.44	360	0.48	340	0.53	320	0.57
		2250	520	0.35	500	0.40	480	0.44	460	0.49	440	0.54	420	0.59	400	0.64
		2500	600	0.39	580	0.44	560	0.49	540	0.55	520	0.60	500	0.66	480	0.71

Qs: 进风状态风量(m³/min) Suction-phase Air Volume(m³/min)  
La: 所需电力(kW) Required electric power(kW)

型式 Type	口径 Bore	转速 rpm	吐出压力 Discharge Pressure 力(kg/cm²)													
			0.10		0.15		0.20		0.25		0.30		0.35		0.40	
			9.8kPa		14.7kPa		19.6kPa		24.5kPa		29.4kPa		34.3kPa		39.2kPa	
SSR-40T	1 1/2B (40A)	1000	0.45	0.32	0.42	0.36	0.39	0.40	0.36	0.46	0.33	0.52				
		1250	0.65	0.40	0.62	0.45	0.59	0.50	0.56	0.58	0.53	0.65	0.51	0.73	0.48	0.80
		1500	0.84	0.48	0.81	0.54	0.78	0.60	0.75	0.69	0.72	0.76	0.70	0.87	0.67	0.96
		1750	1.04	0.56	1.01	0.63	0.98	0.70	0.95	0.81	0.92	0.91	0.90	1.07	0.85	1.25
SSR-50T	2B (50A)	1000	0.82	0.64	0.78	0.72	0.73	0.80	0.69	0.92	0.65	1.04	0.81	1.16	0.87	1.28
		1250	1.22	0.80	1.18	0.90	1.13	1.00	1.09	1.15	1.05	1.30	1.04	1.45	1.00	1.60
		1500	1.61	0.96	1.57	1.08	1.52	1.20	1.48	1.38	1.44	1.66	1.40	1.74	1.38	1.92
		1750	2.01	1.12	1.97	1.26	1.92	1.30	1.88	1.61	1.84	1.82	1.80	2.02	1.76	2.22
SSR-65T	2 1/2B (65A)	1000	1.19	0.80	1.07	0.90	0.94	1.00	0.85	1.15	0.75	1.30	0.87	1.45	0.90	1.80
		1250	1.69	1.00	1.57	1.13	1.45	1.25	1.68	1.44	1.28	1.83	1.18	1.92	1.10	2.00
		1500	2.18	1.20	2.08	1.35	1.98	1.30	1.84	1.73	1.74	1.98	1.66	2.18	1.58	2.40
		1750	2.68	1.40	2.58	1.59	2.43	1.75	2.34	2.02	2.24	2.28	2.16	2.53	2.08	2.78

SSR-VT型 真空性能表

TYPE SSR-VT VACUUM PERFORMANCE TABLE

0.55kW 0.75kW 1.1kW  
1.5kW 2.2kW 3.0kW

Qs: 进风状态风量(L/min)  
Suction-phase Air Volume(L/min)  
La: 所需功率(kW)  
Required electric power(kW)

型式 Type	口径 Bore	真空度 Vacuum pressure mmHg	-50mmHg		-75mmHg		-100mmHg		-125mmHg		-150mmHg		-175mmHg		-200mmHg		-225mmHg		-250mmHg	
			-680mmAq		-1020mmAq		-1360mmAq		-1700mmAq		-2040mmAq		-2380mmAq		-2720mmAq		-3060mmAq		-3400mmAq	
SSR-20VT	1/4B (20A)	1750	165	0.15	150	0.16	135	0.18	120	0.19	105	0.21	90	0.22						
		2000	215	0.17	200	0.18	185	0.19	170	0.21	155	0.22	140	0.24	125	0.25				
		2250	245	0.19	230	0.21	215	0.23	200	0.24	185	0.26	170	0.28	155	0.30	140	0.32		
		2500	285	0.26	270	0.28	255	0.30	240	0.32	225	0.34	210	0.36	195	0.38	180	0.40	165	0.42
SSR-25VT	1B (25A)	1750	255	0.19	235	0.21	215	0.23	195	0.25	180	0.27	165	0.29	150	0.31				
		2000	320	0.22	300	0.25	280	0.27	260	0.30	240	0.33	225	0.35	210	0.38	195	0.40		
		2250	355	0.24	335	0.27	315	0.30	295	0.33	280	0.36	260	0.38	245	0.41	230	0.43	215	0.46
		2500	390	0.28	370	0.31	350	0.34	330	0.37	315	0.40	300	0.43	285	0.46	270	0.49	255	0.52
SSR-32VT	1 1/2B (32A)	1750	415	0.24	375	0.27	335	0.30	305	0.33	275	0.36	250	0.40	230	0.43	210	0.46		
		2000	530	0.25	490	0.29	450	0.33	410	0.36	375	0.40	340	0.44	310	0.47	285	0.51		
		2250	610	0.29	570	0.33	530	0.37	490	0.41	450	0.45	415	0.49	385	0.53	360	0.57	330	0.61
		2500	685	0.31	645	0.36	605	0.41	565	0.45	525	0.50	485	0.55	445	0.59	420	0.64	395	0.68

Qs: 进风状态风量(m³/min)  
Suction-phase Air Volume(m³/min)  
La: 所需功率(kW)  
Required electric power(kW)

型式 Type	口径 Bore	真空度 Vacuum pressure mmHg	-50mmHg		-75mmHg		-100mmHg		-125mmHg		-150mmHg		-175mmHg		-200mmHg		-225mmHg		-250mmHg	
			-680mmAq		-1020mmAq		-1360mmAq		-1700mmAq		-2040mmAq		-2380mmAq		-2720mmAq		-3060mmAq		-3400mmAq	
SSR-40VT	1 1/2B (40A)	1000	0.60	0.23	0.56	0.27	0.52	0.31	0.48	0.35	0.44	0.40	0.40	0.44	0.36	0.48	0.32	0.52		
		1250	0.77	0.30	0.73	0.35	0.69	0.40	0.65	0.46	0.61	0.51	0.57	0.57	0.53	0.62	0.49	0.67	0.45	0.73
		1500	1.03	0.34	0.99	0.40	0.94	0.47	0.90	0.54	0.86	0.61	0.82	0.67	0.78	0.74	0.74	0.81	0.69	0.88
		1750	1.14	0.40	1.11	0.47	1.06	0.54	1.04	0.61	1.01	0.69	0.98	0.76	0.94	0.83	0.91	0.90	0.88	0.98
SSR-50VT	2B (50A)	1000	1.18	0.45	1.10	0.54	1.02	0.63	0.94	0.71	0.86	0.80	0.78	0.89	0.70	0.98	0.62	1.06		
		1250	1.52	0.57	1.44	0.68	1.36	0.79	1.26	0.90	1.20	1.00	1.12	1.11	1.04	1.22	0.96	1.32	0.88	1.43
		1500	1.88	0.68	1.80	0.81	1.72	0.93	1.64	1.05	1.56	1.17	1.48	1.29	1.40	1.42	1.32	1.54	1.24	1.68
		1750	2.35	0.82	2.27	0.97	2.19	1.12	2.11	1.27	2.03	1.42	1.95	1.57	1.87	1.72	1.79	1.87	1.71	2.02
SSR-65VT	2 1/2B (65A)	1000	1.30	0.64	1.20	0.74	1.10	0.84	1.00	0.94	0.90	1.04	0.80	1.14	0.70	1.24				
		1250	1.83	0.70	1.73	0.83	1.63	0.96	1.53	1.09	1.43	1.22	1.33	1.35	1.23	1.48	1.13	1.61	1.09	1.74
		1500	2.19	0.80	2.09	0.95	1.99	1.10	1.89	1.15	1.79	1.40	1.69	1.55	1.59	1.70	1.46	1.85	1.39	2.00
		1750	2.74	1.01	2.64	1.19	2.54	1.39	2.44	1.55	2.34	1.73	2.24	1.81	2.14	2.09	2.04	2.27	1.94	2.45



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