



## SSR Roots Vacuum Pump Roots Booster Vacuum Pump For Mission Critical Processes

Our Product Introduction

for more products please visit us on [aipukqdl.com](http://aipukqdl.com)

### 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: 0.45-452.4m³/min
- Material: HT200
- Vacuum Degree: -9.8~-44kPa
- Models: SSR
- Calibre: 50-200mm
- Highlight: mission critical roots vacuum pump,  
mission critical roots booster vacuum pump



### More Images



## Product Description

# High-Efficiency Roots Vacuum Pump for Mission-Critical Processes

## Product Features

### Product Overview

Engineered for the demanding conditions of mining and quarrying operations, this heavy-duty roots vacuum system delivers reliable, high-performance vacuum output to support a wide range of mission-critical pneumatic processes. Built with a robust roots-type design, this vacuum system is purpose-built to withstand intense vibration, dust, and other extreme environmental stresses commonly found in rugged mining and aggregates applications.

### Key Technical Features

#### Heavy-Duty Roots Vacuum Pump

Constructed with reinforced cast iron components and oversized bearings

Able to withstand severe shock loads, high vibration, and other extreme operating conditions

Ensures long-term stability and consistent vacuum performance

#### High-Efficiency Drive System

Utilizes a high-power permanent magnet motor for optimized energy efficiency

Advanced variable frequency drive controller enables intelligent performance optimization

Rapid response characteristics provide precise vacuum control for demanding process needs

#### Optimized Flow Path Design

Leverages computational fluid dynamics (CFD) to enhance inlet/exhaust flow paths

Improves overall aerodynamic efficiency and reduces noise levels

Maintains excellent vacuum capabilities even under high-load conditions

#### Robust Environmental Protection

Totally enclosed, dust-tight cabinet and filtration systems

Prevents ingress of abrasive particulates, water, and other contaminants

Dramatically extends service life and uptime in harsh operating environments

### Key Advantages

Exceptional durability and reliability for rugged mining/quarrying applications

Highly efficient vacuum generation with energy-saving performance

Reliable operation in severe conditions with strong resistance to interference

Advanced control system enables optimization of energy use and remote monitoring

## 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.



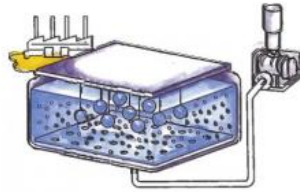
## Examples of uses



■水泡浴 Foaming in Bath



■燃烧炉  
Combustion a Fireplace



■电镀槽搅拌  
Stirring in Plated Vessel



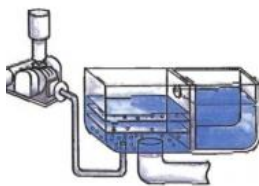
■公寓大楼的污水处理（曝气）  
Waste water Aeration in Condominiums



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



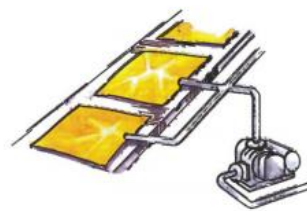
■养鱼用 Fish Care



■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

Qs 各真空度下的风量(m³/min)

La 所需动力(kW)

Vacuum Volume at each Discharge Pressure (m³/min)

Required electric power(kW)



格式 Type	口径 Bore	真空度 Vacuum pressure 转速 rpm	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg	
			-1360mmAq		-2040mmAq		-2720mmAq		-3400mmAq		-4080mmAq	
			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	1.46	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	1.72
		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	1.91	1.71	2.17
		1960	2.27	1.28	2.20	1.55	2.10	1.81	1.99	2.08	1.90	2.34
		2120	2.46	1.56	2.38	1.84	2.27	2.21	2.15	2.40	2.02	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	1.61		
		1360	2.08	0.95	1.93	1.24	1.78	1.52	1.64	1.81		
		1460	2.07	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	2.08	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	2.98
		1960	3.33	1.60	3.18	2.00	3.03	2.41	2.89	2.81	2.74	3.23
		2150	3.57	1.84	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	3.73	1.44	3.59	1.96	3.44	2.49	3.29	3.01	3.13	3.53
		1470	4.03	1.60	3.89	2.16	3.74	2.73	3.59	3.30	3.43	3.86
		1570	4.35	1.82	4.21	2.40	4.07	2.99	3.92	3.57	3.77	4.16
		1660	4.64	2.01	4.51	2.62	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	4.98	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	4.06	2.24	3.80	2.92	3.57	3.60		
		1160	4.83	1.80	4.56	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	4.46	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	6.99	2.45	6.77	3.43	6.55	4.44	6.33	5.44	6.10	6.40
		1700	7.57	2.66	7.37	3.72	7.16	4.79	6.95	5.86	6.73	6.92
		1790	8.00	2.87	7.81	3.95	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	7.88	6.56	7.66	7.74
		2010	9.08	3.23	8.92	4.48	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

		0.75kW	1.1kW	1.5kW	2.2kW	3.0kW	3kW	37kW	4kW	45kW	5.5kW	55kW	7.5kW	75kW	90kW	11kW
		15kW	18.5kW	22kW	30kW	37kW	45kW	55kW	75kW	90kW	11kW	15kW	18.5kW	22kW	30kW	37kW
格式 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-40A 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	5.88				
		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				
SSR-150V	吸入口径 5K-50A 吐出口径 1.0MPa- 150A	1880	12.50	6.25	12.30	7.86	12.00	9.46	11.80	11.10	11.60	12.70				
		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	7.80	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	15.90				
		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				
SSR-175V	吸入口径 5K-65A 吐出口径 1.0MPa- 200A	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				
		970	21.19	8.09	20.43	11.19	19.57	13.69	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				
SSR-200V	吸入口径 5K-80A 吐出口径 1.0MPa- 200A	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	26.82	31.16	31.49				
		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	42.76				
		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	52.64	55.03				
		1480	58.65	27.52	58.17	34.85	57.64	43.13	67.30	51.20	66.46	59.06				



SSR-VHB 型 真空性能表

TYPE SSR-VHB VACUUM PERFORMANCE TABLE

Qs 进风状态风量(m³/min)

La 所需动力(kW)

Suction-phase Air Volume(m³/min)

Required electric power(kW)

		<div><div><div>0.75kW</div><div>1.1kW</div><div>1.5kW</div><div>2.2kW</div><div>3.0kW</div><div>3.7kW</div><div>4.5kW</div><div>5.5kW</div><div>7.5kW</div><div>11kW</div></div><div><div>15kW</div><div>18.5kW</div><div>22kW</div><div>30kW</div><div>37kW</div><div>45kW</div><div>55kW</div><div>75kW</div><div>90kW</div></div></div>															
型式 type	口径 Bore	真空度 Vacuum- pressure	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg		-330mmHg		真空度 Vacuum- pressure		
			-1360mmAq		-2040mmAq		-2720mmAq		-3400mmAq		-4080mmAq		-4488mmAq				
			转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	转速 rpm	
SSR-50VH	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					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	1.16	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		
		1560	1.76	0.86	1.69	1.09	1.60	1.31	1.50	1.54	1.37	1.76	1.31	1.89	1560		
		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	1.76	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	1.71	2.17	1.64	2.32	1850		
		1960	2.27	1.28	2.20	1.55	2.10	1.81	1.99	2.08	1.90	2.34	1.85	2.50	1960		
		2120	2.46	1.56	2.38	1.84	2.27	2.21	2.15	2.40	2.02	2.67	1.95	2.83	2120		
		2300	2.67	1.79	2.59	2.10	2.48	2.50	2.37	2.70	2.27	3.05	2.23	3.21	2300		
SSR-65VH	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					1100		
		1240	1.83	0.84	1.69	1.09	1.54	1.35	1.40	1.61					1240		
		1360	2.08	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	1.96	1.70	2.26	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	2.76	1.69	2.62	2.06	2.49	2.43	2.35	2.79	2.27	3.03	1770		
		1860	3.08	1.44	2.94	1.82	2.80	2.20	2.65	2.59	2.51	2.98	2.44	3.20	1860		
		1960	3.33	1.60	3.18	2.00	3.03	2.41	2.89	2.81	2.74	3.23	2.72	3.47	1960		
		2150	3.57	1.84	3.43	2.28	3.30	2.72	3.16	3.16	3.02	3.60	2.92	3.86	2150		
		2300	3.80	2.10	3.65	2.54	3.49	3.05	3.34	3.51	3.18	3.95	3.09	4.21	2300		
SSR-80VH	吸入口径 5K-65A 吐出口径 1.0MPa- 80A	1130	2.92	1.01	2.79	1.46	2.65	1.90	2.50	2.35					1130		
		1240	3.29	1.17	3.15	1.66	3.00	2.14	2.85	2.63	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	2.89	3.30	2.82	3.60	1300		
		1370	3.73	1.44	3.59	1.96	3.44	2.49	3.29	3.01	3.13	3.53	3.06	3.84	1370		
		1470	4.03	1.60	3.89	2.16	3.74	2.73	3.59	3.30	3.43	3.86	3.35	4.20	1470		
		1570	4.35	1.82	4.21	2.40	4.07	2.99	3.92	3.57	3.77	4.16	3.66	4.51	1570		
		1660	4.64	2.01	4.51	2.62	4.37	3.24	4.22	3.85	4.06	4.46	3.96	4.82	1660		
		1750	4.95	2.23	4.81	2.85	4.67	3.48	4.53	4.11	4.38	4.73	4.27	5.10	1750		
		1840	5.23	2.42	5.10	3.09	4.96	3.75	4.81	4.42	4.65	5.09	4.55	5.48	1840		
		1930	5.53	2.64	5.40	3.33	5.26	4.05	5.11	4.72	4.95	5.41	4.85	5.82	1930		
		2100	6.09	2.88	5.96	3.65	5.82	4.42	5.65	5.19	5.49	5.96	5.41	6.42	2100		
		2300	6.75	3.27	6.62	4.12	6.48	4.96	6.31	5.80	6.15	6.65	6.07	7.14	2300		
SSR-100VH	吸入口径 5K-80A 吐出口径 1.0MPa- 100A	1070	4.35	1.56	4.06	2.24	3.80	2.92	3.57	3.60					1070		
		1160	4.83	1.80	4.56	2.53	4.29	3.27	4.03	4.04	3.78	4.72	3.63	5.15	1160		
		1240	5.27	1.97	4.99	2.74	4.72	3.52	4.46	4.29	4.20	5.07	4.07	5.52	1240		
		1320	5.80	2.09	5.54	2.94	5.27	3.79	5.04	4.64	4.74	5.48	4.58	6.00	1320		
		1480	6.51	2.27	6.28	3.19	6.05	4.14	5.82	5.05	5.60	5.97	5.47	6.51	1480		
		1580	6.99	2.45	6.77	3.43	6.55	4.44	6.33	5.44	6.10	6.40	5.96	6.98	1580		
		1700	7.57	2.66	7.37	3.72	7.16	4.78	6.95	5.86	6.73	6.92	6.60	7.56	1700		
		1790	8.00	2.87	7.81	3.95	7.60	5.07	7.38	6.19	7.15	7.27	7.01	7.93	1790		
		1890	8.47	3.03	8.29	4.21	8.09	5.39	7.88	6.56	7.66	7.74	7.53	8.45	1890		
		2010	9.09	3.23	8.92	4.48	8.75	5.74	8.57	7.00	8.38	8.26	8.27	9.03	2010		
		2200	10.07	3.56	9.91	5.00	9.63	6.37	9.33	7.79	9.06	9.13	8.89	9.95	2200		

SSR-VHB 型 真空性能表

TYPE SSR-VHB VACUUM PERFORMANCE TABLE

Qs 进风状态风量(m³/min)

La 所需动力(kW)

Suction-phase Air Volume(m³/min)

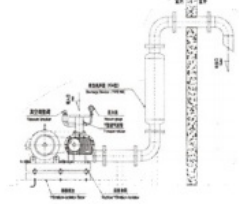
Required electric power(kW)



型式 type	口径 Bore	真空度 Vacuum- pressure	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg		-330mmHg		真空度 Vacuum- pressure
			-1360mmAq		-2040mmAq		-2720mmAq		-3400mmAq		-4080mmAq		-4488mmAq		
			转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
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	11.16	13.66	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
		810	12.60	3.51	12.20	4.83	11.80	6.72	11.40	8.61	11.00	10.50	10.75	11.61	810
SSR-150VHB	吸入口径 5K-125A 叶出口径 1.0MPa-150A	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	18.48	1200
		1270	20.30	8.40	19.90	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	20.69	22.90	1410
		1540	24.70	12.50	24.20	15.40	23.70	18.30	23.20	21.20	22.70	24.00	22.25	25.70	1540
		1670	26.50	14.30	26.00	17.40	25.50	20.50	25.00	23.50	24.50	26.60	24.22	28.41	1670
		1780	27.80	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	28.45	26.72	32.26	26.47	33.93	1900
		810	31.07	10.38	29.92	14.89	29.01	18.96	28.16	23.20	27.08	27.43	25.72	29.85	810
		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
SSR-200VHB	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	35.10	35.14	34.60	38.19	980
		1070	42.37	16.59	41.02	21.61	40.91	27.72	40.09	33.57	38.86	39.32	36.37	42.81	1070
		1150	45.90	18.61	45.25	24.06	44.65	30.15	43.72	36.36	42.50	42.76	40.96	46.16	1150
		1230	49.01	20.58	48.38	26.74	47.79	33.47	47.02	40.25	45.87	46.83	43.78	50.74	1230
		1310	52.26	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	58.65	27.52	58.17	34.85	57.64	43.13	57.05	51.20	56.46	59.06	52.61	63.76	1480
		900	55.70	20.72	53.24	27.10	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	65.30	34.50	63.52	45.88	61.30	54.56	59.60	61.53	59.35	67.84	1070
		1160	73.95	28.98	71.64	38.77	69.99	50.92	68.15	60.23	66.10	67.65	65.90	74.84	1160
		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
SSR-250VHB	250A	1350	87.31	35.61	85.23	46.68	83.60	62.10	82.00	72.33	79.80	81.00	79.50	89.15	1350

真空配管图

DRAWING OF VACUUM PIPING



SSR-VT 真空性能表

TYPE SSR-VT VACUUM PERFORMANCE TABLE

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

0.55kW   0.75kW   1.1kW   1.5kW   2.2kW   3.0kW   4.0kW

型式 Type	口径 Bore	真空度 Vacuum pressure	-50mmHg		-75mmHg		-100mmHg		-125mmHg		-150mmHg		-175mmHg		-200mmHg		-225mmHg		-250mmHg	
			-680mmAq		-1020mmAq		-1360mmAq		-1700mmAq		-2040mmAq		-2380mmAq		-2720mmAq		-3060mmAq		-3400mmAq	
		转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR- 20VT	3/4" (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	1" (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	145	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 1/4" (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

型式 Type	口径 Bore	真空度 Vacuum pressure	-50mmHg		-75mmHg		-100mmHg		-125mmHg		-150mmHg		-175mmHg		-200mmHg		-225mmHg		-250mmHg	
			-680mmAq		-1020mmAq		-1360mmAq		-1700mmAq		-2040mmAq		-2380mmAq		-2720mmAq		-3060mmAq		-3400mmAq	
		转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR- 40VT	1 1/2" (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	1.08	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	2" (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	1.28	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	1.66
		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 1/2" (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	1.03	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	1.49	1.85	0.39	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	1.91	2.14	2.09	2.04	2.27	1.94	2.45



SSR-VN 真空性能表

TYPE SSR-VN VACUUM PERFORMANCE TABLE

Qs 进风状态风量(m³/min)

La 所需动力(kW)

Suction-phase Air Volume(m³/min)

Required 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 -9.8KPa		-0.2kgf/cm² -19.6KPa		-0.3kgf/cm² -29.4KPa		-0.4kgf/cm² -39.2KPa		-0.5kgf/cm² -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
		3500	10.14	6.57	10.00	8.14	10.00	9.96	9.92	11.92	9.80	14.10	3500
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*
		3500	14.99	11.00	14.65	13.14	14.34	15.24	14.20	17.82	14.18	20.00	3500
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*
		2800*	42.78	24.00	41.98	32.60	41.00	40.00	40.50	49.74	40.74	57.44	2800*
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
		2160*	76.35	26.96	75.14	43.84	75.00	59.76	75.88	75.84	75.84	90.00	2160*

\* 标记为 2 极电机



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