



Compact And Low Noise Operation SSR Roots Vacuum Pump For Industrial Applications

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: 0.45-452.4m³/min
- Models: SSR
- Calibre: 50-200mm
- Vacuum Degree: -9.8kPa~-44kPa
- Highlight: **compact roots type pump,
compact roots vacuum pump,
industrial roots type pump**



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Compact and Low Noise Operation SSR Roots Vacuum Pump for Industrial Applications

Product Features

The main product features of SSR Roots vacuum pumps include high pumping speed, wide pressure range, low noise, oil-free operation, compact structure, and energy efficiency.

The specific characteristics of SSR Roots vacuum pump are as follows:

High pumping speed and wide pressure range: SSR Roots vacuum pump has a large pumping speed in a wide pressure range, which can quickly discharge suddenly released gas, making up for the shortcomings of oil sealed mechanical pumps and diffusion pumps, and is suitable for use as a mechanical booster pump.

Low noise: The SSR Roots vacuum pump does not require an intake and exhaust valve, has a simple structure, and operates with low noise.

Oil free operation: The moving parts inside the pump chamber do not require oil lubrication, avoiding contamination of the vacuum system by oil vapor and suitable for applications that require high gas purity.

Compact structure: The SSR Roots vacuum pump has advanced design, reasonable structure, gaps between rotors and between rotors and pump body, no need for lubrication, low friction loss, and can achieve high pumping speed with low power.

Energy saving and efficient: The rotor has good geometric symmetry, runs smoothly, and can achieve high pumping speed by increasing the speed, while maintaining a compact structure, small size, and light weight, with significant energy-saving effects.

Fast start-up: The SSR Roots vacuum pump can reach maximum vacuum in a short period of time, significantly improving work efficiency.

In summary, SSR Roots vacuum pumps are widely used in many industries due to their high pumping speed, wide pressure range, low noise, oil-free operation, compact structure, and energy-saving and high-efficiency characteristics.

Scope of application

It is suitable for sewage treatment industry, petrochemical industry, food and 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.



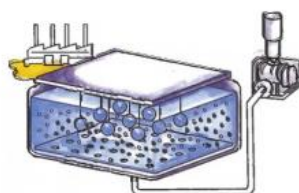
Examples of uses



■水泡浴 Foaming in Bath



■燃烧炉
Combustion a Fireplace



■电镀槽搅拌
Stirring in Plated Vessel



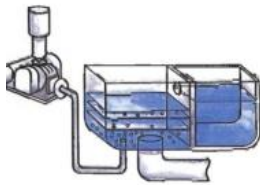
■ 公寓大楼的污水处理 (曝气)
Waste water Aeration in Condominiums



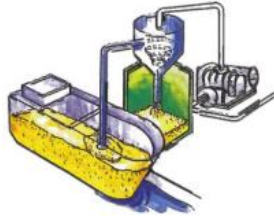
■ 工厂废水和畜产废水处理 (曝气)
Waste Water Aeration for Shop and Livestock Industries



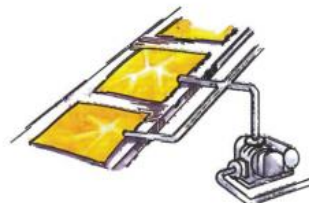
■ 养鱼用 Fish Care



■ 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



型式 Type	口径 Bore	真空度 Vacuum pressure		-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg			
		吸入口径 Inlet		吐出口径 Outlet		吸入口径 Inlet		吐出口径 Outlet		吸入口径 Inlet		吐出口径 Outlet			
		Qs	La	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	1.15	1.24					
		1470	1.62	0.74	1.64	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			
	SSR-65V	吸入口径 5K-50A 吐出口径 1.0MPa-65A	1660	1.88	0.93	1.81	1.17	1.71	1.41	1.51	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	1.98	1.71	2.17		
			1960	2.27	1.28	2.20	1.55	2.10	1.84	1.98	2.09	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-80V	吸入口径 5K-65A 吐出口径 1.0MPa-80A	1100	1.57	0.75	1.43	0.98	1.30	1.21	1.16	1.46					
		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	2.27	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			
	SSR-100V	吸入口径 5K-80A 吐出口径 1.0MPa-100A	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	2.92		
			1960	3.33	1.60	3.16	2.00	3.03	2.41	2.89	2.81	2.74	3.23		
			2150	3.57	1.84	3.43	2.28	3.30	2.72	3.16	3.16	3.02	3.60		

>> 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
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	11.80	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	14.96	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	45.67	46.83
		1310	52.06	23.03	51.51	29.61	50.85	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	57.84	43.13	57.30	51.20	56.46	59.06

SSR-VHB型 真空性能表

TYPE SSR-VHB VACUUM PERFORMANCE TABLE



Os 各真空度下的风量(m³/min)

Vacuum Volume at each Discharge pressure(m³/min)

La 所需电力(kW)

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		-4688mmAq		
			转速 rpm	Os	La	Os	La	Os	La	Os	La	Os	La	Os	
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	0.98	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
		1580	1.78	0.86	1.69	1.09	1.60	1.31	1.50	1.54	1.37	1.78	1.31	1.89	1580
		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
		1950	2.27	1.28	2.20	1.55	2.10	1.81	1.99	2.08	1.80	2.34	1.85	2.50	1950
		2100	2.46	1.56	2.38	1.84	2.27	2.21	2.15	2.40	2.02	2.67	1.98	2.83	2100
		2300	2.89	1.79	2.59	2.10	2.48	2.50	2.57	2.70	2.27	3.05	2.23	3.21	2300
		SSR-65VH	吸入口径 5K-60A 吐出口径 1.0MPa-65A	1100	1.57	0.75	1.43	0.98	1.30	1.21	1.18	1.45			
1240	1.83			0.94	1.69	1.09	1.54	1.35	1.40	1.61					1240
1360	2.08			0.95	1.93	1.24	1.76	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	2.78	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
1990	3.33			1.60	3.18	2.00	3.03	2.41	2.89	2.81	2.74	3.23	2.72	3.47	1990
2150	3.57			1.84	3.43	2.23	3.20	2.72	3.16	3.16	3.02	3.60	2.92	3.88	2150
2300	3.89			2.10	3.65	2.54	3.49	3.05	3.34	3.51	3.15	3.95	3.09	4.21	2300
SSR-80VH	吸入口径 5K-85A 吐出口径 1.0MPa-80A			1130	2.92	1.01	2.79	1.46	2.65	1.90	2.50	2.35			
		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	3.03	3.84	1370
		1470	4.03	1.69	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	3.63	4.51	1570
		1660	4.64	2.01	4.51	2.62	4.37	3.24	4.22	3.85	3.95	4.46	3.93	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	4.90	3.75	4.81	4.42	4.65	5.09	4.56	5.48	1840
		1930	5.53	2.64	5.40	3.33	5.26	4.06	5.11	4.72	4.95	5.41	4.85	5.82	1930
		2100	6.09	2.88	5.96	3.65	5.62	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	5.83	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	1.58	4.08	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	3.83	5.15	1160
		1240	5.27	1.97	4.90	2.74	4.72	3.52	4.46	4.29	4.29	5.07	4.67	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	5.62	5.05	5.60	6.07	5.47	6.51	1480
		1580	6.99	2.45	6.77	3.43	6.65	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	6.65	5.80	6.73	6.62	6.60	7.56	1700
		1790	8.09	2.87	7.91	3.85	7.90	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	5.55	7.88	6.55	7.09	7.74	7.53	8.45	1890
		2010	9.09	3.23	8.92	4.46	8.75	5.74	8.57	7.00	8.38	8.28	8.27	9.03	2010
		2200	10.07	3.56	9.91	5.09	9.63	6.37	9.33	7.79	9.88	9.13	8.89	9.95	2200

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 Vacuum pressure	-100mmHg		-150mmHg		-200mmHg		-250mmHg		-300mmHg		-350mmHg		真空度 Vacuum pressure
			-1360mmAq		-2040mmAq		-2720mmAq		-3400mmAq		-4080mmAq		-4888mmAq		
			转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	
SSR-125VHB	吸入口径 5K-100A	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
	吐出口径 1.0MPa-125A	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	9.54	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	13.66	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		
SSR-150VHB	吸入口径 5K-125A	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
		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
	吐出口径 1.0MPa-150A	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	20.08	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	26.90	14.30	26.00	17.40	25.50	20.50	25.00	23.00	24.50	26.80	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	26.45	26.72	32.26	26.47	33.93	1900		
SSR-200VHB	吸入口径 5K-200A	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
		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
	吐出口径 1.0MPa-200A	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	45.25	24.66	44.65	30.15	43.72	36.36	42.50	42.76	40.96	46.16	1150
		1230	49.01	20.58	48.38	28.74	47.79	33.47	47.02	40.25	45.87	46.83	43.78	50.74	1230
SSR-250VHB	250A	1310	52.38	23.03	51.61	29.61	50.95	36.65	50.33	43.84	49.24	50.97	46.60	55.13	1310
		1390	55.32	25.15	54.65	32.33	54.11	39.86	53.61	47.40	52.64	55.06	49.44	59.57	1390
		1480	58.95	27.32	58.17	34.65	57.64	43.13	57.05	51.20	56.46	59.06	52.61	63.76	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
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		
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

■ 0.15kW ■ 0.75kW ■ 1.1kW ■ 1.5kW ■ 2.2kW ■ 3.0kW ■ 4.0kW
 Qs: 送风状态风量(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(gf/cm²)																			
			0.10		0.15		0.20		0.25		0.30		0.35		0.40		0.45		0.50			
			9.8kPa	14.7kPa	19.6kPa	24.5kPa	29.4kPa	34.3kPa	39.2kPa	44.1kPa	49.0kPa	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
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	130	0.37				
		2250	240	0.26	230	0.29	220	0.31	210	0.33	200	0.35	190	0.38	180	0.40	170	0.43	160	0.46		
SSR-25T	1B (25A)	1750	270	0.29	260	0.32	250	0.34	240	0.37	230	0.39	220	0.42	210	0.44	200	0.47	190	0.50		
		2000	310	0.33	300	0.36	290	0.39	280	0.42	270	0.45	260	0.48	250	0.51	240	0.54	230	0.57		
		2250	360	0.38	350	0.41	340	0.44	330	0.47	320	0.50	310	0.53	300	0.56	290	0.59	280	0.62		
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	370	0.70				
2500	600	0.39	580	0.44	560	0.49	540	0.55	520	0.60	500	0.65	480	0.71	450	0.78	420	0.86				

Qs: 送风状态风量(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(gf/cm²)																			
			0.10		0.15		0.20		0.25		0.30		0.35		0.40		0.45		0.50			
			9.8kPa	14.7kPa	19.6kPa	24.5kPa	29.4kPa	34.3kPa	39.2kPa	44.1kPa	49.0kPa	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
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	0.25	0.27	0.28	0.26	0.26	0.26	0.26	0.26	0.26	0.26
		1250	0.65	0.48	0.62	0.45	0.59	0.50	0.56	0.58	0.53	0.65	0.29	0.31	0.32	0.30	0.30	0.30	0.30	0.30	0.30	0.30
		1500	0.84	0.68	0.81	0.54	0.78	0.60	0.75	0.69	0.72	0.78	0.33	0.35	0.36	0.34	0.34	0.34	0.34	0.34	0.34	0.34
SSR-50T	2B (50A)	1000	1.04	0.56	1.01	0.63	0.98	0.70	0.95	0.81	0.92	0.91	0.90	1.00	0.97	1.01	0.97	1.01	0.95	1.05	1.02	1.08
		1250	1.22	0.80	1.18	0.90	1.13	1.00	1.09	1.15	1.05	1.30	1.01	1.05	1.07	1.00	1.03	1.03	1.03	1.03	1.03	1.03
		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	1.58	1.62	1.32	1.34	1.26	1.26	1.26	1.26
SSR-65T	2 1/2B (65A)	1000	2.01	1.12	1.97	1.26	1.92	1.50	1.88	1.61	1.84	1.82	1.80	2.02	1.78	2.22	1.72	2.49	1.68	2.76	2.48	2.76
		1250	2.19	0.80	2.07	0.90	2.04	1.60	2.05	1.75	2.30	2.07	2.45	0.90	1.80							
		1500	2.18	1.20	2.08	1.35	1.98	1.50	1.84	1.73	1.74	1.88	1.66	2.18	1.58	2.40	1.55	2.68	1.47	2.95	2.68	2.95
1750	2.88	1.40	2.98	1.58	2.48	1.75	2.34	2.00	2.24	2.28	2.16	2.58	2.08	2.78	2.03	3.12	1.97	3.45	3.12	3.45		

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: 进气状态流量(L/min)
 Suction-phase Air Volume(L/min)
 La: 所需电力(KW)
 Required electric power(KW)

型式 Type	口径 Bore	真空度 Vacuum pressure		-50mmHg		-75mmHg		-100mmHg		-125mmHg		-150mmHg		-175mmHg		-200mmHg		-225mmHg		-250mmHg		
		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
SSR -20VT	1/2B (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	145	0.41	230	0.43	215	0.45		
		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: 进气状态流量(m³/min)
 Suction-phase Air Volume(m³/min)
 La: 所需电力(KW)
 Required electric power(KW)

型式 Type	口径 Bore	真空度 Vacuum pressure		-50mmHg		-75mmHg		-100mmHg		-125mmHg		-150mmHg		-175mmHg		-200mmHg		-225mmHg		-250mmHg		
		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		mmHg		
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
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	0.45	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	0.61	0.69	0.68		
		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	0.68	0.68		
SSR -50VT	2B (50A)	1000	1.16	0.45	1.10	0.54	1.02	0.63	0.94	0.71	0.86	0.80	0.78	0.69	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	1.86	0.66	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	1.58		
		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	1.67	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	0.99	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	1.84	2.45		



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