

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

#### **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: HT200Vacuum Degree: -9.8~-44kPa

Models: SSRCalibre: φ50-200mm

• Highlight: industrial roots vacuum pump,

robust roots type pump, robust roots vacuum pump



## 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 ad-ministrative 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.



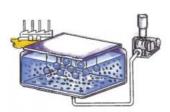
## **Examples of uses**



■水泡浴 Foaming in Bath



■燃烧炉 Combustion a Fireplace



■电镀槽搅拌 Stirring in Plated Vessel



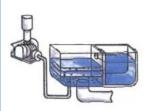
■公寓大楼的污水处理(曝气) Waste water Aeration in Condominiums



■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 3.0kW 3.7kW 45kW 5.5kW 7.5kW 1.1kW 9.0kW Qs: 各真空瘦下的风景 (m³/min) La: 卵髓沟 力(kW) Wascuam Walanne at each Discharge pressure(milmin) -200mmHz -250mmHz 真空度 -100mmH: -300mmHg -150mmH: 型式 口径 -1360mmAq -2040mmAq -2720mmAq -3400mmAq -4080mmAq Type Bore 使漢 La Qs La Qs Qs La Qs La Qs La 0.74 0.86 0.93 0.88 1.02 1.08 1.03 0.55 1.12 0.36 1.29 0.47 1.10 1.16 1350 1.36 0.80 1.02 1.24 吸入口径 1.25 1.62 1470 1.62 0.74 1.64 0.96 1.45 1.18 1.35 1.40 SSR- 吐出拉 1.69 1.09 1:84 1:37 1.76 1.76 1560 0.86 1.60 1.31 1.17 1.71 1.81 1986 50V 1.0MPa-50A 1750 1.99 0.99 1.92 1.27 1.82 1.50 1.58 2.02 2.12 1850 1.13 2.05 1.95 1.65 1.39 1980 2271 1.28 2.46 2.38 1.84 1.30 1.21 11/98 11/45 1.54 1.35 11/40 11/91 1.78 1.52 11/94 11/91 1.99 1.65 1.84 1.96 1100 1.57 0.75 1.43 0.98 1.69 1240 1.83 0.84 1.09 1.24 吸入口径 1460 2.27 1.05 2.13 1.35 2 32 1.45 2.17 1.77 2.56 1.58 2.42 1.93 5K-50A 2.47 1.13 2.03 | 2.09 SSR- 吐出口径 65V 1.0MPa-65A 2.90 1.32 2.76 1.69 1.44 2.94 1.82 3.18 2.00 3.08 2.94 2.98 1960 3.33 1.60 3.23 2.89 2.81 2150 2.79 1.46 2.65 1.90 3.15 1.66 3.00 2.14 1.01 2 29 1240 1.17 2.92 1.30 1300 3.35 1.80 3.59 1.96 吸入口径 1370 3,713; SSR- 5K-65A 贴出口径 3.89 2.16 4.21 2.40 4.51 2.67 4.81 2.85 5.10 3.69 44088 1980 1470 3.59 3.43 386 11862 3.92 44386 4.07 2.99 4.37 3.24 3.57 3.77 4.16 80V 1.0MPa-80A 4 22 3.85 4 DE 1660 1750 4.73 4.95 3.75 4.B1 4.42 4.85 5.09 1930 5.28 4.02 5.11 4.72 4.95 5,411 2.92 3.57 1070 429 4.04 1240 499 274 4.72 3.52 4.46 4.29 4.20 5.07 吸入口径 2.94 527 1320 3.79 5.04 4.64 4.74 5.49 5K-80A SSR- 吐出口径 1580 6.40 100V 1.0MPa-100A 7.57 2.66 77:37 357/2 8.00 2.87 77:81 38:96 8.47 3.03 86:29 44:21 1700 7.16 4.79 6.95 558BB 6.73 10.90 7.60 5.07 7988 6619 7.15 1790 7.27 3:03 86/29 44/21 8:09 5:39 75/68 5/56 3:27 86/92 44/48 8:75 5:1/4 8:57 7/00 8.38

## >>SSR-V 真空性能表

>> TYPE SSR-V VACUUM PERFORMANCE TABLE

0.7			1.5kW	2 3	2kW E	3kW 37kW	4k	kW =	5.5kW		.5kW _	11kW 90kW	
		真空度 Vacuum	-100n	nmHg	-150n	nmHg	-200n	nmHg	-250n	nmHg	-300n	nmHg	
型式	口径	pressure	-1360	mmAq	-2040	immAq	-2720	mmAq	-3400	mmAq	-4080mmAq		
Туре	Bore	转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	
		980	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	
	吸入口径	1200	7.77	3.26	7.51	4.31	7.25	5.37	6.98	6.42	6.69	7.47	
	5K-100A	1310	8.57	3.71	8.36	4.87	8.13	6.02	7.88	7.18	7.61	8.33	
SSR-		1410	9.27	4.05	9.05	5.29	8.82	6.53	8.57	7.77	8.30	9.00	
125V	吐出口径	1470	9.70	4.37	9.48	5.66	9.25	6.95	9.02	8.23	8.78	9.21	
1204	1.0MPa-125A	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	
		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	
	吸入口径 5K-125A	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			
SSR-	吐出口径	1270	20.30	8.40	19.90	10.80	19.50	13.20			18.70	18.00	
150V	1.0MPa-150A	1410	22.50	10.50	22.10	13.20	21.70	15.90	21.30	18.60	20.80	21.30	
1001	1.0MPa-150A	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		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	
	吸入口径	1180	26.63	11.46	25.75	14.56	24.86	17.75	24.28	20.53	23.42	23.42	
SSR-	5K-150A	1240	28.18	11.96	27.24	15.70	26.55	19.01	25.88	21.74	24.96	25.15	
175V	吐出口径	1400	32.18	14.20	31.32	18.48	30.57	22.64	29.95	25.53	29.08	29.27	
1/5/	1.0MPa-200A	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		10.38		14.89	29.01	18.96	28.16	23.20	27.08	27.43	
		900	34.92		33.98		33.17	22.01	32.28	26.82	31.16	31.49	
	吸入口径	980	38,39	14.40	37.24	19.66	36.85	24.80	35.97	30.06	34.78	35,14	
SSR-	5K-200A	1070	42.37		41.02	21.61	40.97	27.72	40.09	33.57	38.86	39.32	
	吐出口径	1150	45.90	18.61	45.25	24.06	44.65	30.15	43.72	36.35	42.50	42.76	
200V	1.0MPa-200A	1230	49.01	20.58	48.38	26.74	47.79	33.47	47.02	40.25	45.87	46.83	
	I.UMPa-2UUA	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	
	ryspine.	1480	58.65	27.52	58.17	34.85	57.64	43.13	57.30	51.20	56.46	59.06	

## SSR-VHB型 真空性能表 TYPE SSR-VHB VACUUM PERFORMANCE TABLE 0.75kW 1 1kW 1 15kW 2 2kW 3kW 4kW 5 5kW 7 5kW 11kW 15kW 5 5kW 7 5kW 90kW

Os 各种型度下的风能(mi/min) La: 玩闹J./JikW) Nacuum Volume at each Discharge pressure(mi/min) · La: 死職J./JikW) Required electric power(kW)

164 AN	1157	真空度 Vacuum	-100n		-150n		-200m		-250m		-300n		-330m		真空度 Vacuum
型式	日径	pressure	-1360	mmAq	-2040	pAmm	-2720	mmAq	-3400	mmAq	-4080	mmAq	-4488	pAmm	pressur
Type	Bore	40xiii rpm	Os	La	Qs	La	Qs	La	Qs	La	Q <sub>B</sub>	48	Qs	La.	特速 rpm
	-	1100	1.12	0.36	1.03	0.55	0.94	0.74	0.88	0.93			-		1100
		1230	1.29	0.47	1.20	0.67	1.10	0.88	1.02	1.08	10000				1230
	100 h 110 m	1350	1.45	0.58	1,36	0.80	1.26	1.02	1.16	1.24	-			-	1350
	吸入口径	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
SSR-	5K-40A	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
	明問目径	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
50V <b>H</b>	1.0MPa-50A	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
- 1		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
		1666	234	138	2.20	1.55	2.10	1.81	1.99	2.08	1.90	2.34	1.85	2.50	1960
		2120	246	156	2.38	1.84	2.27	2.21	2.15	2.40	2.02	2.67	1.95	2.83	2120
		2900	2.67	1.70	2.59	2.10	2.48	2.50	237	2.70	2.27	3.05	2.23	3.21	2300
-		1100	157	0.75	1.43	0.98	1.30	1.21	1.16	1.45	2.21	0.00	6.60	9.81	1100
		1240	1.83	0.84	1.69	1.09	1.64	1.35	1.40	1.61				-	1240
	聯入口社	1360	2.08	0.95	1.93	1.24	1.78	1.52	1.64	1.81					1360
	5K-50A	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
SSR-	地出口径	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	270	124	2.56	1.58	2.42	1.93	2,27	2.28	2.13	2.62	2.05	2.83	1670
HVCC	1.0MPa-65A	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	1990
		1960	3.33	1.60	3.18	2.00	3.03	2.41	2.59	2.61	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	2.02	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
-		1130	2.92	1.01	2.79	1.46	2 65	190	2,50	2.35	0.10	0,00	0.00		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	1.60	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
	吸入风袖	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
SSR-	5K-65A	1970	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
	akileresi.	1660	4.64	2.01	4.51	2.62	4.37	3.24	422	3.85	A.66	8.46	3.96	A.62	1660
30VH	1.0MPa-80A	1759	4.95	2.23	4.61	2.65	4.67	3.48	4.53	4.11	4.36	4.78	427	5.10	1750
	LUMP BOUN	1840	5.23	2.42	5.10	3.09	4.96	3.75	4.61	4.42	4.65	5.00	4.55	5.48	1840
		1930	5.53	2.64	5.40	3.33	5.26	4.06	6.11	4.72	4 9 9	5.41	4.86	5.62	1950
		2100	6.09	2.68	5.96	3.65	6.82	4.42	5.65	5.19	5.49	5.96	5.41	8.42	2100
		2300	6.75	3.27	6,62	4,12	6.48	4.96	6.31	5.80	6.15	9.66	6.07	7.14	2300
_		1070	A.35	1.56	4.08	2.24	3.80	2.92	3.57	3.60	0.12	0.00	0.01	1.14	1070
		1160	A.83	1.80	4.56	2.53	4.29	3.27	4.03	4.04	3.78	4.72	3.03	5.15	1160
		1240	5.27	1.97	4.99	2.74	4.72	3.52	4.48	4.29	4.29	5.07	4.07	5.52	1240
		1320	5.80	2.09	6.54	2.94	5.27	3.79	5.04	4.64	4.74	5.48	4.56	6.00	1320
SSR-	吸入日餐	1480	5.51	2.27	6.28	3.19	6.05	A.14	5.62	5,05	5.60	5.97	5.47	6.51	1460
	5K-89A	1580	6.99	2.45	6.77	3.43	6.55	A.44	6.33	5.44	6.10	6.40	5.96	6 98	1560
00VH	叶出口稳	1700	7.57	2.66	7,37	3.72	7.15	4.78	6.95	5.86	6.73	6.92	6.60	7.56	1700
	1.0MPa-100A	1790	8.00	2.87	7.81	3.55	7.60	5.07	7.38	6.19	7.15	7.27	7.01	7.93	1790
		1890	8.47	3.03	8.29	421	8.09	5.59	7.88	6.55	7.69	7.74	7.53	8.45	1890
		2010	9.09	3.23	6.92	4.48	8.75	5.74	8.57	7.00	8.38	8.26	6.27	9.03	2010
		2200	10.07	3.56	9.91	5,00	9.63	6.37	9.33	7.79	9.98	9.13	8.89	9.95	2200
		转逐	-	-	_	_	-	- Annual Contract of the Contr		1	-				特選
型式	日径	(gen)	Q6	1.0	Q6	La	Qs	La	Qs	La	- 88	-la	Q#	La	fgirri
		Vacuum)	of the banks of the	mmAq		immAq		pAmml	-3400	DmmAq	:468	Bennag	-4466	(LGR)	
Type	Bore	pressure	-100h	nmMz	-156h	nmi4s	-200n	nintife:	-2504	rimH=	-300	mmHr.	-330r	-Hone	pressur

1.1kV	v1.	5kW	2.2	w 🔳	3kW		4kW		5.5kW	7	5kW	11kV	v 🗔	15kW	
18.5k	w 22	2kW	30k	w 🗀	37kW		45kW		5kW	75	skw [	90kV	v	110kW	/
		真空度	-100n	nmHz	-150m	mHg	-200m	mHg	-250m	mHg	-300n	nmHg	-330m	mHg	真空度
型式	口径	Vacuum	-1360	mmAq	-2040r	mmAq	-2720	mmAq	-3400	mmAq	-4080	mmAq	-4488r	nmAq	Vacuun
Type	Bore	转速 rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	枝迷 rpm
		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
	吸入口径	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
	5K-100A	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
SSR-	吐出口径 1.0MPa- 125A	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
125VHB		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
	吸入口径	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
- 1		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 6.61	15.10	6.58	14.60	8.70	14.20	10.80	13.80	12.90	13.60	14.17	990
SSR-		1200	-	-	18.70	9.93	16.80	12.30	17.80	14.70	17.30	15.90	15.55	17.30	1120
	5K-125A	1270	19.20	7.57	19.90	10.80	19.50	13.20	19.10	15.60	18.70	18.00	16.93	18.48 -	1200
150VHB	吐出口径	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
	1.0MPa-	1540	24.70	12.50	24.20	15.40	23.70	18.30	23.20	21.20					1540
	150A	1670	26.50	14.30	26.00	17.40	25.50	20.50	25.00						1670
		1780	27.80	15.90	27.30	19.20	26.80	22.50			25.70	29.10	25.51	31.07	1780
		1900	29.25	17.77	28.81	21.09					26.72	32.28	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		31.16	31.49	29.76	34.30	900
	吸入口径	980	38.39	14.40	37.24	19.66			35.97	30.06	35.10	35.14	34.60	38.19	980
	5K-200A	1070	42.37	16.59	41.02	21.61	40.91		40.09	33.57	38.86	39.32	36.37	42.81	1070
SSR-	吐出口径	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
200VHB	1.0MPa-	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
	200A	1310	52.26		51.61	29.61	50.95	36.65	50.33	43.84	49.24	50.97	46.60	55.13	1310
		1390			54.65	32.33	54.11	39.86	53.61	47.40	52.64	55.06	49.44	59.57	1390
		1480		27.52	58.17	34.85	57.64	43.13	57.05	51.20	56.46	59.06	52.61	63.76	1480
		900	55.7	20.72	53.24	27.1	51.28	36.23	49.15	43.78	47.15	49.50	46.73	54.75	900
SSR-		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
	250A	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
250VHB	2010.00	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

0.8966			7596W 26W			11.1966 D 31.0966		_	4.0	kW			Qs:	·Back 所能	ion iphi di Juk		Volum	ha(200)	H)	
							-	1		III Disc	harge	Pre	ssure	加	Hagilten	n²))				
劉武	山卷	戦 速	0.	10	0	.15	0.	20	0.	25	0.3	30	0.3	35	0.	10	0.4	15	0.	50
Туре	Bore	rpm	9.8	kPa	14.	7kPa	19.6	kPa	24.	5kPa	29.4	tkPa	34.3	3kPa	39.	2kPa	44.	1kPa	49.0	)kPa
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
		1750	160	0.20	150	0.22	140	0.24	130	0.26	120	0.28	110	0.30	100	0.32				
SSR -20T	3/ <sub>4</sub> B	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		
0011 201	(20A)	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
		2500	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
		1750	210	0.23	195	0.25	180	0.27	265	0.30	150	0.32	135	0.35						
SSR -25T	18	2000	270	0.26	255	0.29	240	0.31	225	0.34	210	0.37	195	0.40	180	0.43	160	0.46		
	(25A)	2250	310	0.30	295	0.33	280	0.35	265	0.39	250	0.42	235	0.46	220	0.49	200	0.53		
		2500	360	0.33	345	0.36	330	0.39	315	0.43	300	0.46	285	0.50	270	0.54	250	0.58	230	0.62
SSR -32T		1750	360	0.27	340	0.31	320	0.34	300	0.38	280	0.42	260	0.46	240	0.50		_		
	11/4B	2000	440	0.31	420	0.35	400	0.39	380	0.44	360	0.48	340	0.53	320	0.57				
	(32A)	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		
	(32A)	2250 2500	520 600	0.35	500	0.40	480 560	0.44	460 540	0.49	520	0.54	420 500	0.68 連城 Suci	480 状态M ion-ph	0.71	450 (min)	0.70 0.78	420 nin)	0.86
	(32A)			-		-		0.49	121	0.55	520	0.60	500 Qs	0.66 連城 Sect 所謂 Rteg	状态从 ion-ph 动力(k	0.71 (Ib)(m²) ase Air W)	450 (min) r Volum	0.78		0.86
聖 蔵			600	-	580	0.44	560	0.49 t	540	0.55	520	0.60	500 Qs Ua:	0.66 遊園 Suict 所謂 Reeq	状态/kion-ph 动力(kuired e	0.71 (%)(m²/) ase Air (W) electric m²)	(min) r Volum power	0.78 ne(m³/m (kW)	nin)	
型 读 Type		2500	600	0.39	580	-	560	0.49	540	0.55	520 charge	0.60	500 Qs Ua: ssure	0.66 遊園 Suict 所謂 Reeq	状态xion-ph 动力(k uired e (kgf/ci	0.71 (%)(m²/) ase Air W) electric m²)	450 (min) r Volum power	0.78 ne(m³/m (kW)	nin)	0.8i
-	山後	2500	600	0.39	580	0.44	560	0.49 t	540	0.55	520 charge	0.60 压 Pre	500 Qs Ua: ssure	0.66 連風 Suct 所編 和eq 力	状态xion-ph 动力(k uired e (kgf/ci	0.71 (%)(m²/) ase Air (W) electric m²)	450 (min) r Volum power	0.78 ne(m³/n (kW)	nin)	50
-	山後	2500	0. 9.8	0.39 10 kPa	580	0.44 0.45 7kPa	0 19.6	0.49 t: 20 SkPa	0. 24.	0.55 th; Disc 25 5kPa	520 charge 0.2	0.60 E Pre 30	500 Qs La: ssure 0.3 343	0.68 进版 Suct 所能 Reeq 力 35	状态域ion-ph 动力(k uired e (kgt/co	0.71 (%i(m²/ase Air W) electric m²) 40	450 (min) r Volum power 0.4	0.78 ne(m³/n (kW)	0. 49.0	50 0kPa
Туре	山後	2500 樂 速 rpm	0. 9.8 Qs	0.39 10 kPa La	0 14 Qs	0.44 .15 7kPa La	0 19.6 Qs	0.49 t 20 skPa La	0. 24: Qs	0.55  th Disc	520 charge 0.29.4 Qs	0.60  E Pre	500 Qs La: ssure 0.3 343	0.68 进版 Suct 所能 Reeq 力 35	状态域ion-ph 动力(k uired e (kgt/co	0.71 (%i(m²/ase Air W) electric m²) 40	450 (min) r Volum power 0.4	0.78 ne(m³/n (kW)	0. 49.0	50 MPa La
	山後 Bore	2500 樂 速 rpm	0. 9.8 Qs 0.45	0.39 10 kPa La 0.32	0 14 Qs 0.42	0.44 0.45 7kPa La 0.36	0 19.6 Qs 0.39	0.49 t. 20 SkPa La 0.40	0. 24: Qs 0.36	0.55 bla 25 5kPa La 0.46	520 charge 0.: 29.: Qs 0.33	0.60 H: Pre 30 4kPa La 0.52	SSUITE 0.344	0.66 进M Succi 所能 所能 对 35	状态M 动力(k uired e (kgf/o	0.71  (iii)(m²) ase Air W) electric m²)  40  28Pa	450 (min) r Volum power 0.4 44.	0.78 ne(m³/n (kW) 45 1kPa	0. 49.0 Qs	50 0kPa
Туре	山後 Bore	2500 樂 連 rpm	0. 9.8 Qs 0.45	0.39 lose kPa La 0.32 0.40	0 14 Qs 0.42 0.62	0.44 0.45	0 19.6 0s 0.39 0.59	0.49 t. 20 SkPa La 0.40 0.50	0. 24: Qs 0.36	0.55 th; Disc 25 5kPa La 0.46	520 charge 0.2 29.4 Qs 0.33 0.53	0.60  HE Pre  30  4kPa  La  0.52  0.65	500 Qs Uas ssure 0.344 Qs	O.66 連州 States 所能 Reeq 力力 35 kires	状态从ion-phi动力(kuired e (kgf/ci	0.71 (itin(m²) ase Air W) electric m²) 40 28Pa	450 (min) r Volum power 0.4 44. Qs	0.78 ne(m³/m (kW) 45 1kPa La	0.49.0 Qs	50 09
Туре	山後 Bore	等 速 rpm 1000 1250	0.9.84 Qs 0.45 0.65	0.39 10 kPa La 0.32 0.40	0 14. Qs 0.42 0.62	0.44 0.45 0.45 0.54	0 19.6 0 0.39 0.59	0.49 t. 20 skPa La 0.40 0.50	0. 24. Qs 0.36 0.75	0.55 http://discourse.com/disc	520 charge 0.29.0 Qs 0.33 0.53	0.60  E Pre 330  La 0.52 0.65	500 Qas Uas ssure 0.344 Qas 00561 007700	0.66 連加 Suct 所能 Mreq 力 35 Mrea Uaa	株态Microsoft Application (Agtification Agricultured を の Agricultured を の Agricultured Agricultu	0.71 (%)(m²/ase Air W) electric m²) 40 28/Pa	450 (min) Volum power 0.4 44. Qs 0.48	0.78 ne(m³/n (kW) 45 1kPa La 0.90 1.07	0.49.0 Qs 0.43 0.62	50 0.99 1/6
Type SSR -40T	山後 Bore	装 选 rpm 1000 1250 1500 1750	0. 9.8 Qs 0.45 0.65	0.39 10 kPa La 0.32 0.40 0.48	0 14 Qs 0.42 0.62 0.81	0.44 0.45 7kPa La 0.36 0.45 0.54	0 19.6 0s 0.39 0.59 0.78	0.49 t t 20 ckPa La 0.40 0.50 0.60 0.70	0. 24. Qs 0.36 0.56 0.75	0.55 Distribution 0.58 0.46 0.58 0.69	520 charge 0.29 Qs 0.33 0.53 0.72	0.60  #K Pre 30 4kPa La 0.52 0.65 0.78	500 Qss Las Ssure 0 344: Qs 0.0561 0.700 0.0590	0.65 遊M Succt 所謂 Recq 力 力 0.7/3 0.887 11001	株态M 抗态M 动力(k gt/o 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.71 ((iii)(m²) ase Air W) (lectric m²) 40 (24/Pa La 0.80) 11.111	450 (min) Volum power 0.4 44. Qs 0.48	0.78 ne(m³/n (kW) 45 1kPa La 0.90 1.07	0.49.0 Qs 0.43 0.62	50 kPa La 0.9 1/6
Туре	山後 Bore 1½8 (40A)	等速 rpm 1000 1250 1500 1750	0.9.8 Qs 0.45 0.65 0.84 1.04	0.39 10 kPa La 0.32 0.40 0.48 0.56	0 14. Qs 0.42 0.62 0.81 1.01	0.44 0.45 0.36 0.45 0.63 0.72	0 19.6 0 0.39 0.59 0.78 0.98	0.49 tt 20 0.8kPa La 0.40 0.50 0.60 0.70	0. 24. Qs 0.36 0.56 0.75 0.95	0.55 bis Diss 25 5kPa La 0.46 0.58 0.69	520 charge 0.29.4 0.33 0.53 0.72 0.92	0.60  HE Pre 330  La 0.52 0.65 0.78 0.91	500	0.66 単M Succi 所需 HREQ 力 力 1078 0887 1106	状态が があり (kgt/o の の の の の の の の の の の の の の の の の の の	0.71 (%)(m²) ase Ai W) (%)(m²) 40 24/Pa La 0.30 0.36 11.111	450 (min) r Volun power 44. Qs 0.46 0.85	0.78 ne(m²/n (kW) 45 lkPa La 0.90 1.07	0.0 49.0 Qs 0.43 0.62	50 0.99 1/6
Type SSR -40T	山後 Bore 1½8 (40A)	終速 rpm 1000 1250 1500 1750 1000	0.9.8 Qs 0.45 0.65 0.84 1.04 0.82	0.39 lkPa La 0.32 0.40 0.48 0.56 0.64	0 14 Qs 0.42 0.62 0.81 1.01 0.78	0.44 7kPa La 0.36 0.45 0.54 0.63 0.72	0 19.6 0 0.39 0.59 0.73 0.73	0.49 t. 20 6kPa La 0.40 0.50 0.60 0.70 0.80	0. 24. 0. 0.36 0.56 0.75 0.69	0.55 bit Disc 25 5kPa La 0.46 0.58 0.69 0.81	520 charge 0.29. Qs 0.33 0.53 0.72 0.92 0.65 1.05	0.60 ME Pre 970 10.52 0.65 0.78 0.91 1.04 1.30	0.0551 0.0551 0.0551 0.0551 0.0551 0.0551	0.66 學以 \$UCH 所編 財際 財際 日本 107/38 0.0897 11/001 11/166 14/45	株态以 状态が 対力(k はired e (kgt/ci の。 の。 の。 の。 の。 の。 の。 の。 の。 の。	0.71 (Vi)(m²) ase Ai (www) (vi) electric m²) 40 (2%Pa La 0.80 11.111 11.288	450 (min) (volun power  0.4 44. Qs 0.45 0.85	0.78 ne(m³/n (kW) 45 La 0.90 1.07 1.25	0.43 0.43 0.62 0.82	50 0.99 1/6 1.3
Type SSR -40T	山後 Bore 1½8 (40A)	2500 編 rpm 1000 1250 1500 1750 1000 1250 1500	0. 9.8 0.45 0.65 0.84 1.04 0.82 1.22	0.39 10 kPa La 0.32 0.40 0.56 0.64 0.80 0.96	0 14. Qs 0.42 0.62 0.81 1.01 0.78 1.18	0.44 7kPa La 0.36 0.45 0.54 0.63 0.72	0 19.6 Qs 0.39 0.59 0.73 1.13	0.49 t: 20 6kPa La 0.40 0.50 0.60 0.70 0.80 1.00 1.20	0.24. Qs 0.36 0.56 0.75 0.69 1.09	0.55 bit Disc 25 5kPa La 0.46 0.58 0.69 0.81 1.15 1.38	520 charge 0.29.0 Qs 0.33 0.72 0.92 0.65 1.05	0.60  HE Pre 330  4kPa  La 0.52  0.65  0.78  0.91  1.04  1.30  1.56	500 Cos Las Ssure 0.344 Cos 00591 00700 00690 00081 11001 1440	0.66 連級 第6 第6 第6 第6 第6 第6 第6 第6 第6 第6 第6 第6 第6	株态以 対力(k は	0.71 (/ib/m²/2 ase A/W) ase A/W) 40 24/Pa 40 0.30 1.31 11.28	450 fmin) r Volum power  0.4 44. Qs 0.46 0.85 0.85	0.78 ne(m²/n (kW) 45 1kPa La 0.90 1.07 1.25	0.43 0.62 0.62 0.62	50 kPa La 0.99 1)6 1.3
Type SSR -40T SSR -50T	山後 Bore 1½8 (40A)	終速 rpm 1000 1250 1500 1750 1000 1250 1500 1750	0. 9.8 Qs 0.45 0.65 0.84 1.04 0.82 1.22 1.61 2.01	0.39 lkPa La 0.32 0.40 0.48 0.56 0.64 0.80 0.96	0 14. Os 0.42 0.62 0.81 1.01 0.78 1.18 1.57	0.44 7kPa La 0.36 0.45 0.54 0.63 0.72 0.90 1.08,	0 19.6 0.39 0.78 0.78 0.73 1.13 1.52	0.49 t. 20 5kPa La 0.40 0.50 0.60 0.70 0.80 1.00 1.20 1.34	0.24. Qs 0.36 0.75 0.95 0.69 1.09 1.48	0.55 bipa La 0.46 0.58 0.69 0.81 0.92 1.15 1.38	520 charge 0.2 29. Qs 0.33 0.72 0.92 0.65 1.05 1.44	0.60  HE Pre 30  La 0.52  0.65  0.78  0.91  1.04  1.30  1.66  1.82	500 288 Las SSURE 0.0561 00700 0090 00061 11001 11580	0.66 選出	株容が 株容が があり (kgt/ci の。 の。 の。 の。 の。 の。 の。 の。 の。 の。	0.71 (/ki/m²) ase A/m²) (/ki/m²) 40 (/ki/m²) 40 (/ki/m²) 140 (/ki/m²) 140 (/ki/m²) 141 (/ki/m²) 1480	450 fmin) r Volum power  0.4 44. Qs 0.46 0.85 0.85	0.78 ne(m²/n (kW) 45 1kPa La 0.90 1.07 1.25	0.43 0.62 0.62 0.62	50 kPa La 0.99 1)6 1.3
Type SSR -40T	山後 Bore 1½8 (40A)	2500 線 速 rpm 1000 1250 1500 1750 1500 1750 1000 1750 1000	0. 9.8 Qs 0.45 0.65 0.84 1.04 0.82 1.22 1.61 1.19	0.39 10 kPa La 0.32 0.40 0.48 0.56 0.64 0.80 0.96 1.12	0 14. Qs 0.42 0.62 0.81 1.01 0.78 1.18 1.57 1.97	0.44 0.45 0.36 0.45 0.54 0.63 0.72 0.90 1.08 1.26 0.90 1.13	0 19.6 0s 0.39 0.59 0.73 1.13 1.52 0.984	0.49 20 5kPa La 0.40 0.50 0.60 0.70 0.80 1.00 1.20 11,20 11,20 11,20 11,20 11,20	0. 24. 0.36 0.56 0.75 0.95 1.09 1.48 1/88 0/85	0.55 bit Disc 25 5kPa La 0.46 0.58 0.69 0.81 0.92 1.15 1.38 1981	520 charge 0.29. 0.33 0.53 0.72 0.92 0.65 1.05 1.44 1.884	0.60  HE Pre 330  La 0.52  0.65  0.78  0.91  1.04  1.30  1.66  1/82  1.30	500	0.66 選出 第16 第16 第16 第16 第16 第16 第16 第16	株容が はion-ph はion-ph はion-ph はion-ph はion-ph はion-ph はion-ph を のが のが のが のが のが のが のが のが のが のが	0.71 (ii)(m²) ase Ai W) lectric m²) 40 24(Pa La 0.30 11.28 15.80 1.90 2.202	450 (min) r Volunt Volu	0.78 ne(m²/ri (kW) 45 1kPa La 0.90 1.07 1.25 1.79 2.14 2.49	0.43.0 (G8) 1.28 (G8) 1.68	50 0.99 1.16 1.3 199 2.3 2.7

## SSR-VT型 真空性能表

TYPE SSR-VT VACUUM PERFORMANCE TABLE

0.55kW 0.75kW 1.1kW 1.5kW 22kW 3.0kW

Qs: 进风机态风记(z/min) Suction-phase Air Volume(z/min) La: 所謂前 J(kW) Required electric power(kW)

刑式		真空度	-50m	mHg	-75m	mHg	-100r	mmHg	-125n	nmHg	-150n	nmHg	-175	mmHg	-200r	nmHg	-225mmHg		-250r	mmHg
型 式 Type	II 径 Bore	Vacuum pressure	-680n	-680mmAq		mmAq	-1360	)mmAq	-1700	mmAq	-2040	mmAq	-2380	mmAq	-2720	mmAq	-3060	mmAq	-3400mmAq	
Type	bore	Fire in	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
1	157	1750	165	0.15	150	0.16	135	0.18	120	0.19	105	0.21	90	0.22						
con	3/,B	2000	215	0.17	200	0.18	185	0.19	170	0.21	155	0.22	140	0.24	125	0.25				
SSR -20VT	(20A)	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
		1750	255	0.19	235	0.21	215	0.23	195	0.25	180	0.27	165	0.29	150	0.31				
SSR -25VT	1B (25A)	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		
33K -23VI		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
		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		
ccn 2017	17,B	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		
SSR -32VT	(32A)	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

Os. 进风状态风馆(m³/min) Suction-phase Air Volume(m³/min) La: 所证符力(kW) Required electric power(kW)

		真空度	-50m	mHg	-75m	mHg	-100n	nmHg	-125n	nmHg	-150n	nmHg	-175n	nmHg	-200r	mmHg	-225r	mmHg	-250n	nmHg
型式	II 能 Bore	Vacuum: pressure	-680n	-680mmAq		mmAq	-1360	pAmm	-1700	mmAq	-2040r	pAmm	-2380mmAq		-2720mmAq		-3060	mmAq	-3400mmA	
Type	DOILE	Fig.	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
		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	6.48	0.32	0.52		
SSR -40VT	11/,B	1250	0.77	0.30	0.73	0.35	0.69	0.40	0.65	0.48	0.61	0.51	0.57	0.57	0.53	0.62	0.49	0.67	0.45	0.73
55R-40VI	(40A)	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
		17/50	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
	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		
SSR -50VT		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	0.68	1.43
35K -3UV I		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	2.93	1.42	1.95	1.57	1.87	1.72	1.79	1.87	1.71	2.02
		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				
	2 <sup>1</sup> / <sub>2</sub> B (65A)	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	1.93	1.74
SSR -65VT		1500	2.19	0.80	2.09	0.95	1.99	1.10	1.89	1.15	1.79	1.40	169	1.55	1.59	1.70	1,48	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	227	1.94	2.45

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