



GSD Industrial Co.,Ltd

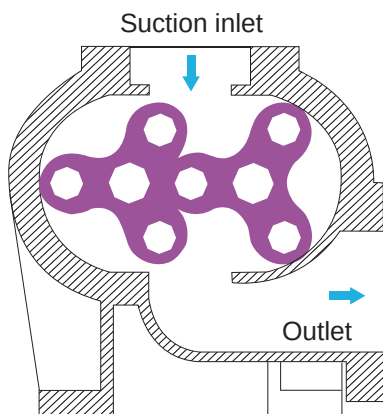
RSV

RSV vacuum roots blower



RSV Series

RSV vacuum roots blower



Features

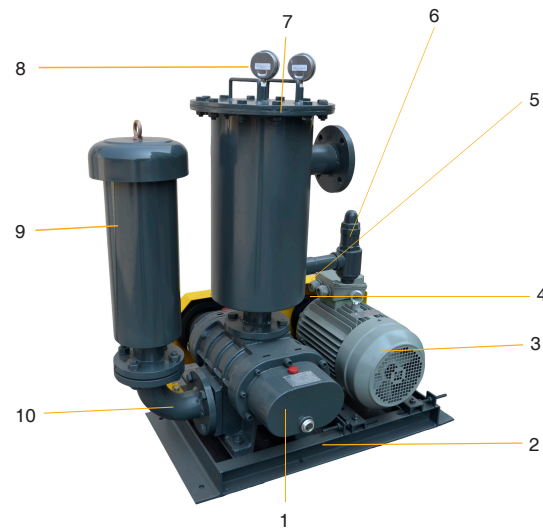
- Wide range of capacity and pressure.
Calibre: 40mm~300mm
Capacity: 1.01~202.9m³/min
Vacuum pressure: -1000mmAq~ -6000mmAq
- Low oscillation and low noise by dynamic balance which revised by computer.
- Smaller change in capacity against change in pressure.
- High efficiency due to special impeller design, great air-delivery low power.
- Simpler and solidier structure, less trouble. Highest quality pilot & accurate great applied, long life and low noise assured.
- Standardized product with strict quality control. Our rotor has used the most advanced technic, one time for all working process of the six-shaft method, to enhance the precision.

Theory

RSV vacuum roots blower is a positive displacement blower, the negative pressure of which can be adjusted within the allowed range according to the requirements of users. Two groups of im-pellers rotating in opposite directions are arrang-ed inside the blower shell, and rotate when the gap between the impellers as well as between the impeller and the shell is rather small. When the impellers pass through the suction end, certain air is held between the impellers and the shell. With the rotation of the impellers, the air moves aside to be exhausted from the exit end. During the operation, the negative pressure in the pipeline at the suction end will increase slowly till to the required value.

External construction

NO.	Name	Material
1	Blower body	FC250
2	Foundation	SS400
3	Motor	Refer to MFR
4	Belt	Refer to MFR
5	Belt cover	SS400
6	Vacuum safety valve	FC200
7	Vacuum filter Tank	SS400
8	Negative pressure gauge	Refer to MFR
9	Outlet silencer	SS400
10	Elbow	SS400

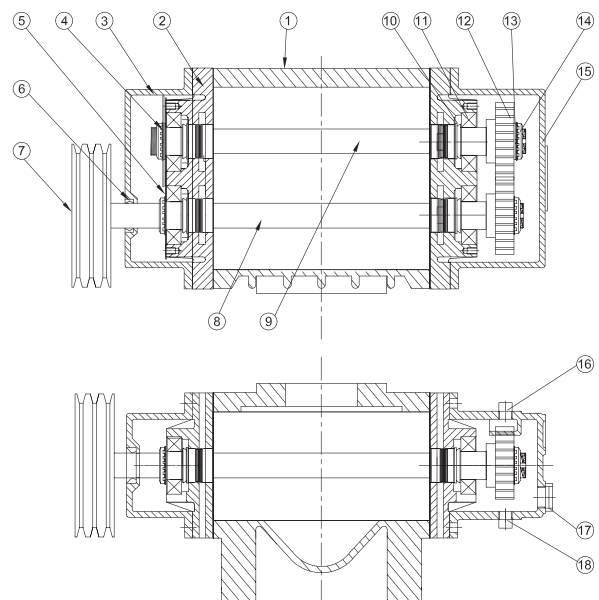


Type description



Construction

NO.	Name	Material	
		GB	JIS
1	Casing	HT250	FC250
2	Bearing housing	HT250	FC250
3	Oil box	HT250	FC250
4	Oil splash	Q235	SS400
5	Bearing washer	Q235	SS400
6	Framework oil seal	Viton	Viton
7	Pulley	HT250	FC250
8	Drive rotor	HT250	FC250
9	Driven rotor	HT250	FC250
10	V-ring	Viton	Viton
11	Bearing	GCr15	SUJ2
12	Gear	20GrMnTi	SCM415
13	Lock washer	Q235	SS400
14	Lock nut	45	S45C
15	Gear box	HT250	FC250
16	Lubrication plug	45	S45C
17	Oil gauge	Assembly	Assembly
18	Purge plug	45	S45C



Conversion table

Pressure	atm	kPa	bar	lbt/in ² (psi)	kgf/cm ²	in Hg	ftAq	mmHg(Torr)	mmAq
1 atm	1	101.325	1.01325	14.696	1.0333	29.921	33.914	760	10333
1 kPa	0.0099	1	0.01	0.145	0.0102	0.295	0.335	7.5	102
1 bar	0.9869	100	1	14.504	1.0198	29.53	33.47	750	10198
1 lbt/in ² (psi)	0.068	6.894	0.0689	1	0.0703	2.036	2.308	51.71	703
1 kgf/cm ²	0.968	98.062	0.981	14.228	1	28.96	32.82	735.53	10000
1 inHg	0.0334	3.3863	0.0339	0.491	0.0345	1	1.133	25.4	345.3
1 ftAq	0.0295	2.99	0.0299	0.434	0.0305	0.882	1	22.42	304.8
1 mmHg(Torr)	0.013	0.1338	0.00138	0.019	0.0014	0.04	0.045	1	13.6
1 mmAq	0.000097	0.0098	0.000098	0.0014	0.0001	0.003	0.0033	0.074	1

Capacity	m ³ /min	l/min	cm ³ /s	in ³ /s	ft ³ /min(cfm)
1 m ³ /min	1	1000	16667	1016	35.288
1 l/min	0.001	1	16.67	1.02	0.0353
1 cm ³ /s	0.00006	0.06	1	0.061	0.02
1 in ³ /s	0.00098	0.983	16.39	1	0.035
1 ft ³ /min(cfm)	0.028	28.32	471.95	28.8	1

Pressure Conversion Formula

$$1 \text{ kPa} = 1000 \text{ Pa} = 1000 \text{ N/m}^2$$

$$1 \text{ mbar} = 10.198 \text{ mmAq}$$

$$1 \text{ mmHg(Torr)} = 133.8 \text{ Pa}$$

Working directions of performance table

1. The performance table indicate the model, diameter, speed (RPM), discharge pressure, actual inlet air capacity and shaft power of the blower.
2. The performance table indicate the air quantity in standard suction condition (20°C temperature, absolute pressure 1.0332 kgf/cm² and relative humidity 65%) .
3. The reference air capacity (0°C temperature and absolute pressure 1.0332kgf/cm²) is generally indicated in Nm³/min.
4. The outlet air capacity can be converted as following.

$$Q_2 = Q_1 \times \frac{P_1}{P_2} \times \frac{273+T_2}{273+T_1}$$

Q₁: Air capacity (m³/min) based on absolute pressure P₁(mmAq) and temperature T₁(°C)
 Q₂: Air capacity (m³/min) based on absolute pressure P₂(mmAq) and temperature T₂(°C)
5. Select motor rated output with 15 - 20% additional power to given shaft power.



Performance table

Model	RPM	-1000mmAq		-2000mmAq		-3000mmAq		-4000mmAq		-5000mmAq		-6000mmAq	
		Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw
RSV-40	1050	1.32	0.52	1.15	0.79	1.00	1.06	0.85	1.32	0.67	1.59		
	1150	1.47	0.57	1.31	0.86	1.16	1.16	1.00	1.45	0.83	1.74		
	1250	1.63	0.62	1.47	0.94	1.31	1.26	1.16	1.58	0.98	1.90		
	1350	1.79	0.67	1.62	1.01	1.47	1.36	1.32	1.70	1.14	2.05		
	1450	1.94	0.71	1.78	1.09	1.63	1.46	1.47	1.83	1.30	2.20	1.09	2.57
	1550	2.10	0.76	1.94	1.16	1.79	1.56	1.63	1.95	1.45	2.35	1.24	2.75
	1650	2.26	0.81	2.09	1.24	1.94	1.66	1.79	2.08	1.61	2.50	1.40	2.93
	1750	2.41	0.86	2.25	1.31	2.10	1.76	1.94	2.21	1.77	2.65	1.56	3.10
	1850	2.57	0.91	2.41	1.39	2.26	1.86	2.10	2.33	1.92	2.81	1.71	3.28
	1950	2.73	0.96	2.56	1.46	2.41	1.96	2.26	2.46	2.08	2.96	1.87	3.46
RSV-50	1050	2.31	0.75	2.10	1.20	1.91	1.65	1.70	2.10	1.48	2.55	1.20	2.99
	1150	2.58	0.82	2.36	1.32	2.17	1.81	1.96	2.30	1.74	2.79	1.46	3.28
	1250	2.84	0.90	2.62	1.43	2.43	1.96	2.23	2.50	2.00	3.03	1.73	3.56
	1350	3.10	0.97	2.89	1.54	2.69	2.12	2.49	2.70	2.26	3.27	1.99	3.85
	1450	3.36	1.04	3.15	1.66	2.95	2.28	2.75	2.90	2.52	3.51	2.25	4.13
	1550	3.62	1.11	3.41	1.77	3.21	2.43	3.01	3.10	2.78	3.76	2.51	4.42
	1650	3.88	1.18	3.67	1.89	3.47	2.59	3.27	3.30	3.04	4.00	2.77	4.70
	1750	4.14	1.26	3.93	2.00	3.73	2.75	3.53	3.50	3.30	4.24	3.03	4.99
	1850	4.40	1.33	4.19	2.12	4.00	2.91	3.79	3.70	3.57	4.48	3.29	5.27
	1950	4.67	1.40	4.45	2.23	4.26	3.06	4.05	3.89	3.83	4.73	3.55	5.56
RSV-65	1050	3.03	0.97	2.76	1.46	2.51	2.05	2.26	2.63	1.97	3.21	1.63	3.79
	1150	3.37	1.06	3.10	1.60	2.85	2.24	2.60	2.88	2.31	3.52	1.97	4.15
	1250	3.71	1.16	3.44	1.74	3.19	2.44	2.94	3.13	2.65	3.82	2.31	4.52
	1350	4.05	1.25	3.78	1.88	3.53	2.63	3.28	3.38	2.99	4.13	2.65	4.88
	1450	4.39	1.34	4.12	2.02	3.87	2.83	3.62	3.63	3.33	4.43	2.99	5.24
	1550	4.73	1.43	4.46	2.16	4.21	3.02	3.96	3.88	3.67	4.74	3.33	5.60
	1650	5.07	1.53	4.80	2.30	4.55	3.22	4.30	4.13	4.01	5.05	3.67	5.96
	1750	5.41	1.62	5.14	2.44	4.89	3.41	4.64	4.38	4.35	5.35	4.01	6.32
	1850	5.74	1.71	5.48	2.58	5.23	3.61	4.98	4.63	4.69	5.66	4.35	6.68
	1950	6.08	1.80	5.82	2.72	5.57	3.80	5.32	4.88	5.03	5.96	4.69	7.05
RSV-80	1000	5.28	1.63	4.92	2.61	4.60	3.59	4.26	4.57	3.88	5.55	3.43	6.52
	1100	5.88	1.79	5.52	2.87	5.20	3.95	4.86	5.02	4.48	6.10	4.02	7.18
	1200	6.48	1.96	6.12	3.13	5.79	4.31	5.46	5.48	5.08	6.65	4.62	7.83
	1300	7.07	2.12	6.72	3.39	6.39	4.66	6.06	5.94	5.68	7.21	5.22	8.48
	1400	7.67	2.28	7.32	3.65	6.99	5.02	6.65	6.39	6.28	7.76	5.82	9.13
	1500	8.27	2.45	7.92	3.91	7.59	5.38	7.25	6.85	6.88	8.32	6.42	9.79
	1600	8.87	2.61	8.52	4.18	8.19	5.74	7.85	7.31	7.47	8.87	7.02	10.44
	1650	9.17	2.69	8.82	4.31	8.49	5.92	8.15	7.54	7.77	9.15	7.32	10.76
	1750	9.77	2.85	9.42	4.57	9.09	6.28	8.75	7.99	8.37	9.70	7.92	11.42
	1850	10.37	3.02	10.02	4.83	9.69	6.64	9.35	8.45	8.97	10.26	8.52	12.07
	1950	10.97	3.18	10.61	5.09	10.29	7.00	9.95	8.91	9.57	10.81	9.12	12.72
RSV-100	1000	7.40	2.47	6.92	3.84	6.47	5.21	6.00	6.58	5.48	7.95	4.85	9.32
	1100	8.24	2.72	7.75	4.22	7.31	5.73	6.84	7.24	6.32	8.74	5.69	10.25
	1200	9.08	2.96	8.59	4.61	8.14	6.25	7.68	7.90	7.16	9.54	6.53	11.18
	1300	9.92	3.21	9.43	4.99	8.98	6.77	8.52	8.55	8.00	10.33	7.37	12.12
	1400	10.76	3.46	10.27	5.37	9.82	7.29	9.36	9.21	8.83	11.13	8.21	13.05
	1500	11.60	3.70	11.11	5.76	10.66	7.81	10.19	9.87	9.67	11.92	9.05	13.98
	1600	12.44	3.95	11.95	6.14	11.50	8.33	11.03	10.53	10.51	12.72	9.89	14.91
	1650	12.86	4.07	12.37	6.33	11.92	8.60	11.45	10.86	10.93	13.12	10.31	15.38
	1750	13.70	4.32	13.21	6.72	12.76	9.12	12.29	11.51	11.77	13.91	11.14	16.31
	1850	14.53	4.57	14.05	7.10	13.60	9.64	13.13	12.17	12.61	14.71	11.98	17.24
	1950	15.37	4.81	14.88	7.49	14.43	10.16	13.97	12.83	13.45	15.50	12.82	18.17
RSV-125A	990	11.12	3.31	10.59	5.30	10.11	7.29	9.61	9.28	9.05	11.27	7.13	13.25
	1050	11.85	3.51	11.33	5.62	10.84	7.73	10.34	9.84	9.78	11.95	7.74	14.06
	1110	12.59	3.72	12.07	5.94	11.58	8.17	11.08	10.40	10.52	12.63	8.36	14.86
	1180	13.45	3.95	12.93	6.32	12.44	8.69	11.94	11.06	11.38	13.43	8.97	15.80
	1250	14.31	4.18	13.79	6.69	13.30	9.20	12.80	11.71	12.24	14.23	9.71	16.74
	1320	15.17	4.42	14.65	7.07	14.16	9.72	13.66	12.37	13.10	15.02	10.45	17.67
	1390	16.03	4.65	15.51	7.44	15.02	10.24	14.52	13.03	13.96	15.82	11.19	18.61
	1470	17.02	4.92	16.49	7.87	16.01	10.82	15.51	13.78	14.95	16.73	12.05	19.68
	1560	18.12	5.22	17.60	8.35	17.11	11.49	16.61	14.62	16.05	17.75	12.91	20.89
	1650	19.23	5.52	18.71	8.84	18.22	12.15	17.72	15.46	17.16	18.78	13.77	22.09
	1750	20.46	5.86	19.93	9.37	19.45	12.89	18.95	16.40	18.39	19.92	14.63	23.43
	1850	21.69	6.19	21.16	9.91	20.68	13.62	20.18	17.34	19.62	21.05	15.61	24.77

Remark: 1. Qs unit = m³/min and Ls unit = shaft power (BKW).
 2. Gas volumes (m³/min) are given at inlet take conditions

3. Select motor rated output with 15 - 20% additional power to given shaft power.



Performance table

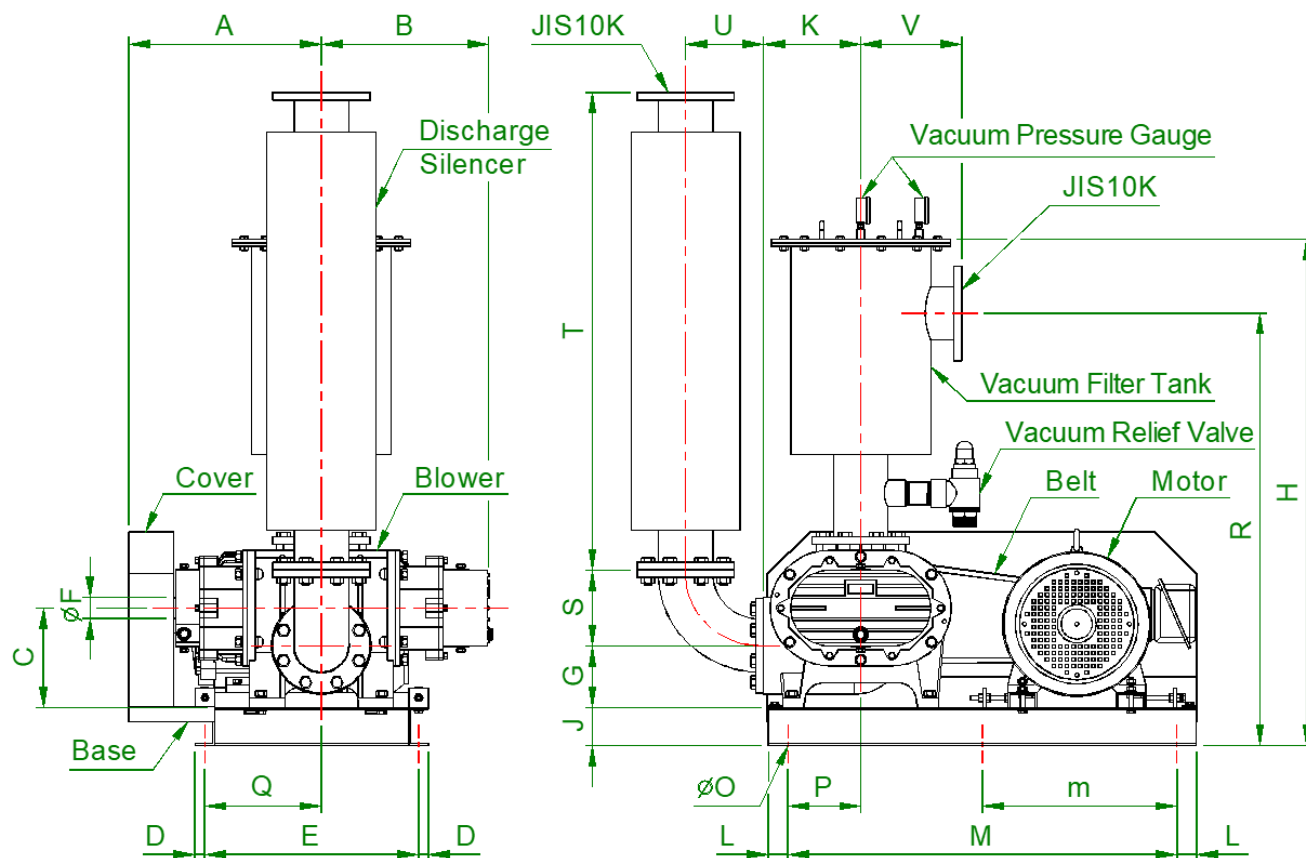
Model	RPM	-1000mmAq		-2000mmAq		-3000mmAq		-4000mmAq		-5000mmAq		-6000mmAq	
		Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw	Qs	kw
RSV-125	990	16.35	4.84	15.63	7.75	14.97	10.65	14.29	13.56	13.52	16.47	12.60	19.37
	1050	17.43	5.14	16.71	8.22	16.05	11.30	15.36	14.38	14.60	17.46	13.68	20.55
	1110	18.50	5.43	17.79	8.69	17.13	11.95	16.44	15.20	15.68	18.46	14.76	21.72
	1180	19.76	5.77	19.04	9.24	18.38	12.70	17.70	16.16	16.93	19.63	16.02	23.09
	1250	21.02	6.11	20.30	9.78	19.64	13.45	18.96	17.12	18.19	20.79	17.27	24.46
	1320	22.28	6.46	21.56	10.33	20.90	14.21	20.22	18.08	19.45	21.96	18.53	25.83
	1390	23.53	6.80	22.82	10.88	22.16	14.96	21.47	19.04	20.71	23.12	19.79	27.20
	1470	24.97	7.19	24.26	11.51	23.60	15.82	22.91	20.14	22.15	24.45	21.23	28.76
	1560	26.59	7.63	25.87	12.21	25.21	16.79	24.53	21.37	23.76	25.95	22.85	30.53
	1650	28.21	8.07	27.49	12.91	26.83	17.76	26.15	22.60	25.38	27.44	24.46	32.29
	1750	30.00	8.56	29.29	13.70	28.63	18.83	27.94	23.97	27.18	29.11	26.26	34.24
	1850	31.80	9.05	31.08	14.48	30.42	19.91	29.74	25.34	28.98	30.77	28.06	36.20
RSV-150	990	21.13	6.24	20.22	9.99	19.39	13.74	18.53	17.49	17.57	21.23	16.42	24.98
	1050	22.52	6.62	21.61	10.60	20.78	14.57	19.93	18.55	18.96	22.52	17.81	26.49
	1110	23.91	7.00	23.01	11.20	22.18	15.40	21.32	19.61	20.35	23.81	19.20	28.01
	1180	25.53	7.44	24.63	11.91	23.80	16.38	22.94	20.84	21.98	25.31	20.82	29.77
	1250	27.15	7.89	26.25	12.62	25.42	17.35	24.56	22.08	23.60	26.81	22.44	31.54
	1320	28.77	8.33	27.87	13.32	27.04	18.32	26.18	23.31	25.22	28.31	24.07	33.31
	1390	30.39	8.77	29.49	14.03	28.66	19.29	27.80	24.55	26.84	29.81	25.69	35.07
	1470	32.25	9.27	31.35	14.84	30.52	20.40	29.66	25.96	28.70	31.53	27.54	37.09
	1560	34.33	9.84	33.43	15.74	32.60	21.65	31.74	27.55	30.78	33.46	29.63	39.36
	1650	36.42	10.41	35.52	16.65	34.69	22.90	33.83	29.14	32.87	35.39	31.71	41.63
	1750	38.74	11.04	37.84	17.66	37.01	24.29	36.15	30.91	35.18	37.53	34.03	44.16
	1850	41.05	11.67	40.15	18.67	39.32	25.67	38.46	32.68	37.50	39.68	36.35	46.68
RSV-200A	990	34.49	10.02	33.35	16.03	32.30	22.04	31.21	28.05	29.99	34.06	28.52	40.07
	1050	36.72	10.62	35.58	17.00	34.53	23.37	33.44	29.75	32.22	36.12	30.75	42.50
	1110	38.95	11.23	37.81	17.97	36.76	24.71	35.67	31.45	34.45	38.19	32.98	44.92
	1180	41.56	11.94	40.41	19.10	39.36	26.27	38.27	33.43	37.05	40.59	35.58	47.76
	1250	44.16	12.65	43.01	20.24	41.96	27.82	40.87	35.41	39.65	43.00	38.18	50.59
	1320	46.76	13.36	45.62	21.37	44.56	29.38	43.47	37.40	42.25	45.41	40.79	53.42
	1390	49.36	14.06	48.22	22.50	47.16	30.94	46.07	39.38	44.85	47.82	43.39	56.26
	1470	52.34	14.87	51.19	23.80	50.14	32.72	49.05	41.65	47.83	50.57	46.36	59.49
RSV-200	990	44.73	12.88	43.46	20.61	42.28	28.33	41.06	36.06	39.69	43.79	38.05	51.52
	1050	47.60	13.66	46.32	21.86	45.15	30.05	43.93	38.25	42.56	46.44	40.92	54.64
	1110	50.47	14.44	49.19	23.10	48.01	31.77	46.79	40.43	45.43	49.10	43.79	57.76
	1180	53.81	15.35	52.54	24.56	51.36	33.77	50.14	42.98	48.77	52.19	47.13	61.40
	1250	57.16	16.26	55.88	26.02	54.70	35.77	53.48	45.53	52.12	55.29	50.48	65.05
	1320	60.50	17.17	59.23	27.48	58.05	37.78	56.83	48.08	55.46	58.38	53.83	68.69
	1390	63.85	18.08	62.57	28.93	61.39	39.78	60.17	50.63	58.81	61.48	57.17	72.33
	1470	67.67	19.12	66.39	30.60	65.22	42.07	64.00	53.55	62.63	65.02	60.99	76.49
RSV-250	990	60.07	17.17	58.57	27.48	57.19	37.78	55.76	48.08	54.16	58.38	52.24	68.69
	1050	63.89	18.21	62.39	29.14	61.01	40.07	59.58	51.00	57.99	61.92	56.07	72.85
	1110	67.71	19.25	66.21	30.81	64.84	42.36	63.41	53.91	61.81	65.46	59.89	77.01
	1180	72.17	20.47	70.67	32.75	69.30	45.03	67.87	57.31	66.27	69.59	64.35	81.87
	1250	76.63	21.68	75.13	34.69	73.76	47.70	72.33	60.71	70.73	73.72	68.81	86.73
	1320	81.09	22.90	79.59	36.63	78.22	50.37	76.79	64.11	75.19	77.85	73.27	91.58
	1390	85.55	24.11	84.05	38.58	82.68	53.04	81.25	67.51	79.65	81.97	77.73	96.44
	1470	90.65	25.50	89.15	40.80	87.77	56.10	86.35	71.39	84.75	86.69	82.83	101.99
RSV-300A	990	79.90	22.90	77.81	36.63	75.89	50.37	73.90	64.11	71.67	77.85	68.99	91.58
	1050	85.00	24.28	82.91	38.85	80.99	53.42	78.99	67.99	76.76	82.56	74.09	97.13
	1110	90.10	25.67	88.01	41.07	86.08	56.48	84.09	71.88	81.86	87.28	79.19	102.68
	1180	96.04	27.29	93.95	43.66	92.03	60.04	90.04	76.41	87.81	92.79	85.13	109.16
	1250	101.99	28.91	99.90	46.25	97.98	63.60	95.98	80.95	93.76	98.29	91.08	115.64
	1320	107.94	30.53	105.85	48.84	103.92	67.16	101.93	85.48	99.70	103.79	97.03	122.11
	1390	113.88	32.15	111.79	51.43	109.87	70.72	107.88	90.01	105.65	109.30	102.97	128.59
	1470	120.68	34.00	118.59	54.40	116.67	74.79	114.68	95.19	112.45	115.59	109.77	135.99
RSV-300	800	100.98	29.11	98.02	46.58	95.29	64.05	92.46	81.52	89.30	98.99	85.50	116.46
	900	114.35	32.75	111.38	52.40	108.66	72.06	105.83	91.71	102.67	111.36	98.87	131.01
	1000	127.72	36.39	124.75	58.23	122.02	80.06	119.20	101.90	116.03	123.73	112.24	145.57
	1100	141.09	40.03	138.12	64.05	135.39	88.07	132.57	112.09	129.40	136.11	125.61	160.13
	1200	154.45	43.67	151.49	69.87	148.76	96.08	145.93	122.28	142.77	148.48	138.97	174.68
	1300	167.82	47.31	164.86	75.70	162.13	104.08	159.30	132.47	156.14	160.85	152.34	189.24
	1400	181.19	50.95	178.23	81.52	175.50	112.09	172.67	142.66	169.51	173.23	165.71	203.80

Remark: 1. Qs unit = m³/min and Ls unit = shaft power (BKW).
2. Gas volumes (m³/min) are given at inlet take conditions

3. Select motor rated output with 15 - 20% additional power to given shaft power.



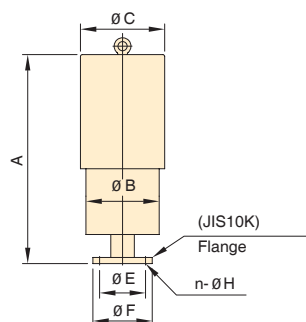
Complete set dimension



Model	A	B	C	D	E	ψF	G	H	J	K	L	M	m	ψO	P	Q	R	S	T	U	V
RSV-40	235	202	180	20	350	28	104	988	46	140	50	500	-	14	98	255	790	82	589	121	202
RSV-50	274	242	191	50	350	28	104	1024	75	140	37.5	795	-	12.7	208	209	826	82	589	121	202
RSV-65	303	272	194	50	350	28	104	1027	75	152	37.5	795	-	12.7	208	238	829	105	589	105	202
RSV-80	371	297	212	50	450	38	107	1293	75	180	37.5	945	-	12.7	228	291	1029	121	789	121	202
RSV-100	421	347	217	50	450	38	112	1304	75	180	37.5	945	-	12.7	228	341	1040	162	789	162	202
RSV-125A	435	371	262	25	550	48	135	1335	100	250	100	900	-	19	133	240	1140	200	1260	200	260
RSV-125	495	431	262	25	550	48	163	1335	100	250	100	900	-	19	138	300	1140	200	1260	200	260
RSV-150	536	486	289	25	550	48	163	1478	100	250	100	900	-	19	138	341	1243	239	1260	239	260
RSV-200A	560	498	402	32.5	935	65	198	1830	125	360	100	1300	650	20	313	352	1525	315	1640	315	310
RSV-200	610	548	402	32.5	935	65	198	1830	125	350	100	1300	650	20	313	403	1525	315	1640	315	310
RSV-250	685	623	435	32.5	935	65	218	1985	125	360	100	1300	650	20	313	478	1685	391	1760	391	310
RSV-300A	800	723	435	37.5	925	75	255	2175	150	360	235	1530	765	24	273	523	1825	465	1750	465	405
RSV-300	780	607	550	45	1010	95	300	2480	250	510	235	2000	1000	33	325	400	2130	465	1850	465	405



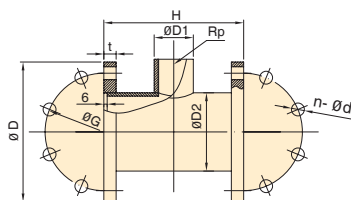
Outlet silencer



単位: Unit(mm)

型号 Type	A	ØB*T	ØC	D	ØE	ØF	n-ØH	重量 Weight (kg)	适用型号 Application type
SS40	400	109*1.2	170	70	105	130	4-Ø15	7.0	RSV-40
SS50	550	140*2.75	165	80	120	155	4-Ø18	11.0	RSV-50
SS65	550	165*2.75	200	85	140	175	4-Ø18	14.7	RSV-65
SS80	820	219*2.75	245	160	150	185	8-Ø18	25.4	RSV-80
SS100	820	245*3	273	160	175	210	8-Ø18	28.0	RSV-100
SS125	1310	273*3	315	185	210	250	8-Ø22	42.0	RSV-125(A)
SS150	1310	299*3	345	190	240	280	8-Ø22	45.3	RSV-150
SS200	1500	400*3	500	230	290	330	12-Ø22	67.8	RSV-200(A)
SS250	1700	400*3	500	230	355	400	12-Ø22	81.2	RSV-250
SS300	1825	500*3	650	350	400	445	16-Ø22	108	RSV-300(A)

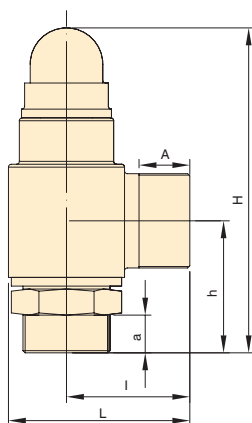
T-joint



単位: Unit(mm)

型号 Type	H	ØD	ØD1	ØD2	ØG	n-Ød	t	Rp
RSV-40	200	140	50	63	105	4-Ø19	16	1.5"
RSV-50	200	155	50	63	120	4-Ø19	16	1.5"
RSV-65	200	175	50	83	140	4-Ø19	18	1.5"
RSV-80	200	185	70	95	150	8-Ø19	18	1.5"
RSV-100	250	210	70	114	175	8-Ø19	18	2"
RSV-125(A)	250	250	70	140	210	8-Ø23	20	2"
RSV-150	250	280	70	168	240	8-Ø23	22	2"
RSV-200(A)	250	330	70	219	290	12-Ø23	22	2"
RSV-250	250	400	70	273	355	12-Ø25	24	2"
RSV-300(A)	250	445	70	325	400	16-Ø25	24	2"

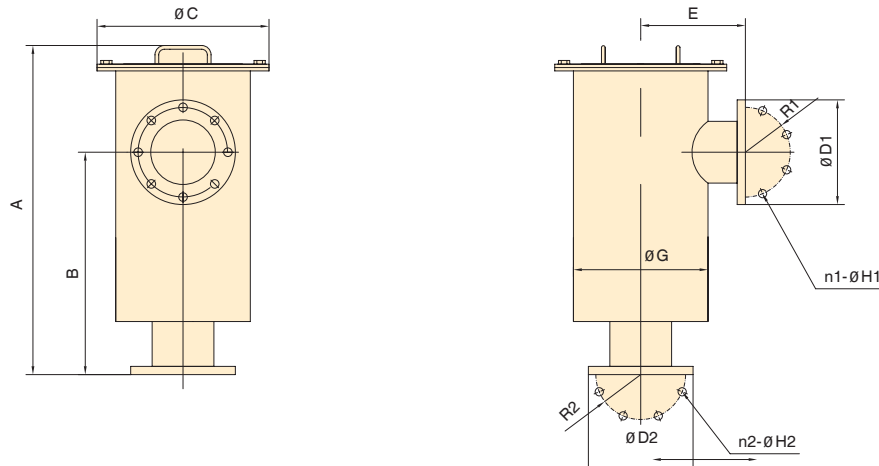
Vacuum safety valve



単位: Unit(mm)

型号 Type	A	a	L	l	H	h	适用型号 Application type
G1.5	25	18	97	66	175	70	RSV-40、50、65、80
G2"	35	25	125	85	218	91	RSV-100~300

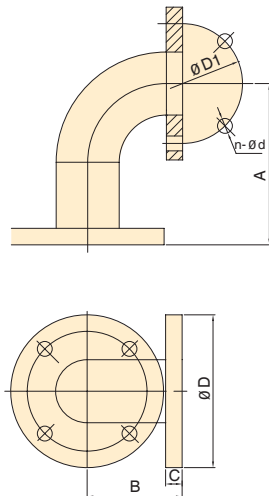
Vacuum filter tank



单位: Unit(mm)

型号 Type	A	B	ØC	R1	ØD1	n1-Ød1	R2	ØD2	n2-Ød2	E	ØG
DN-40	310	150	350	55	150	4-Ø18	52.5	140	4-Ø19	230	244
DN-50	580	340	350	62.5	165	4-Ø18	60	155	4-Ø19	225	244
DN-65	625	440	350	72.5	185	4-Ø18	70	175	4-Ø19	225	244
DN-80	785	560	380	80	200	8-Ø18	75	185	8-Ø19	250	280
DN-100	825	525	380	90	220	8-Ø18	87.5	210	8-Ø19	250	280
DN-125(A)	730	505	460	105	250	8-Ø18	105	250	8-Ø23	280	360
DN-150	875	595	460	120	285	8-Ø22	120	280	8-Ø23	280	360
DN-200(A)	1000	650	570	147.5	340	8-Ø22	145	330	12-Ø23	335	470
DN-250	1200	800	570	175	395	12-Ø22	177.5	400	12-Ø25	335	470
DN-300(A)	1450	1000	700	200	445	12-Ø22	200	445	16-Ø25	400	600

Vacuum elbow

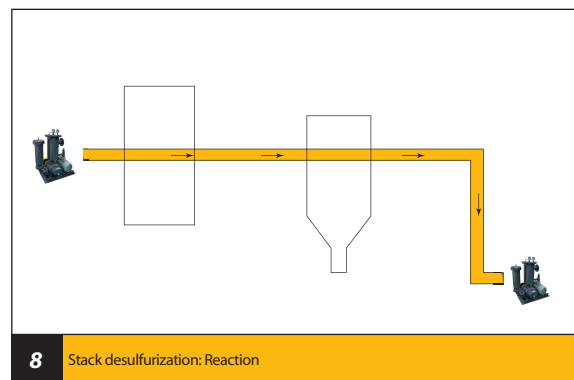
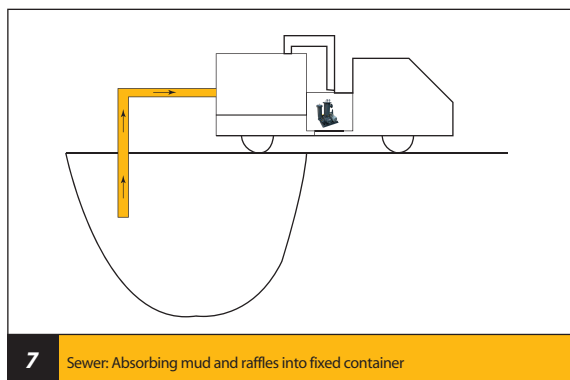
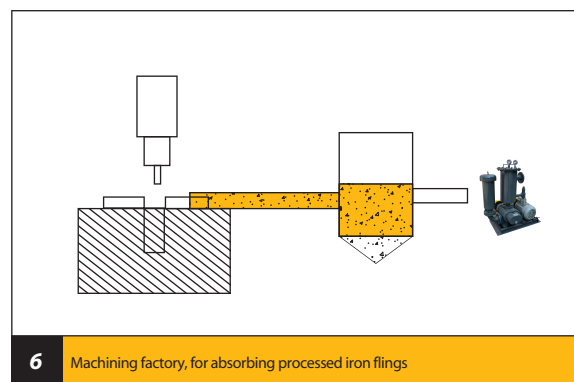
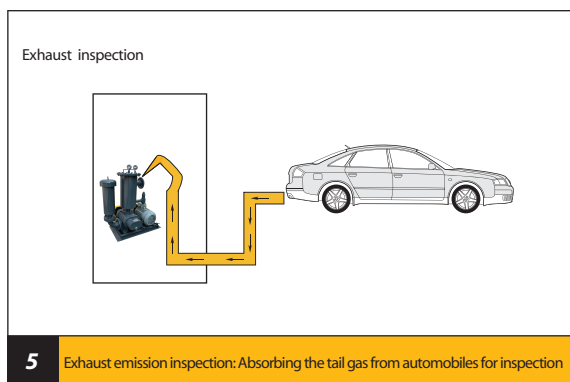
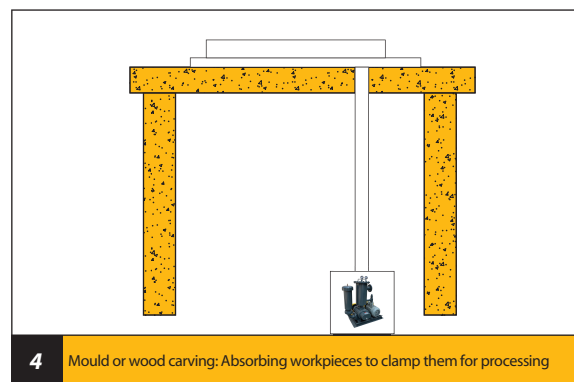
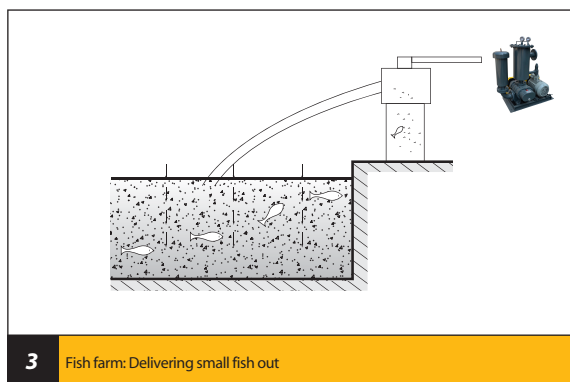
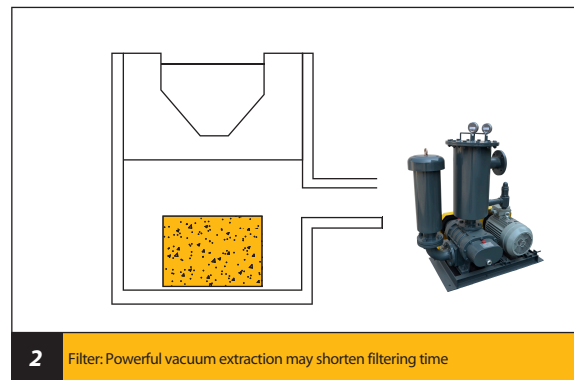
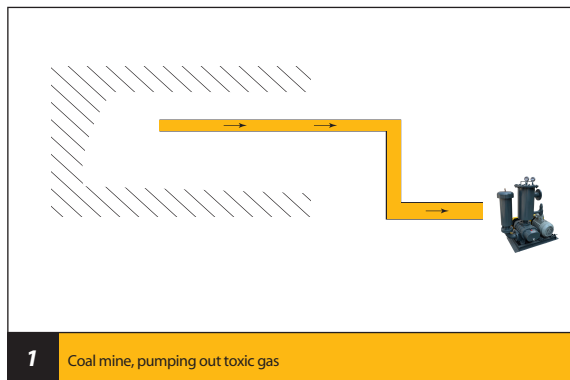


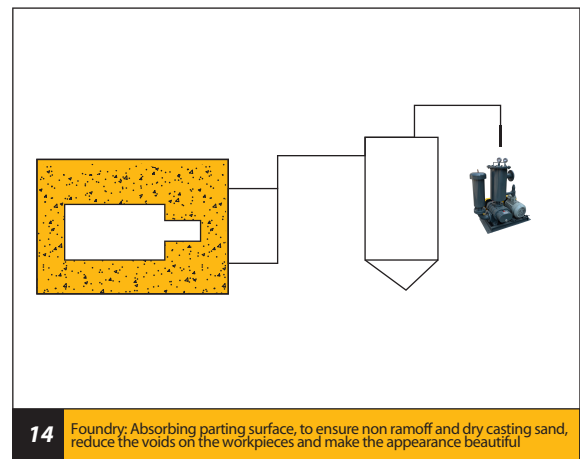
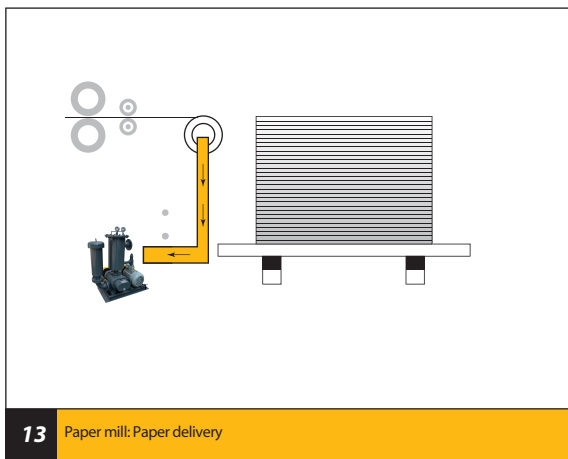
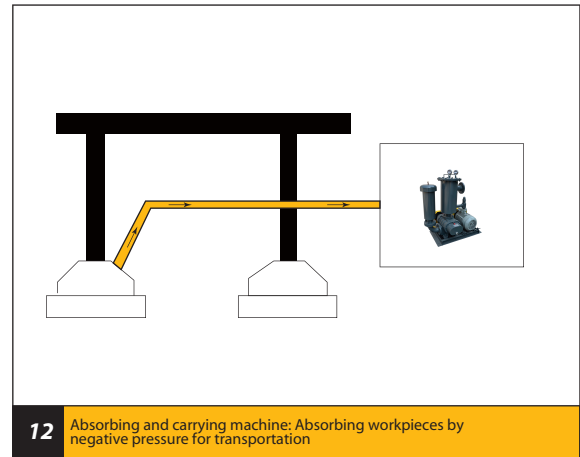
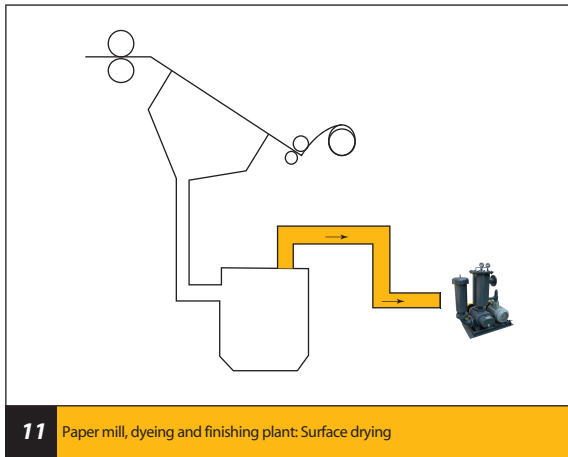
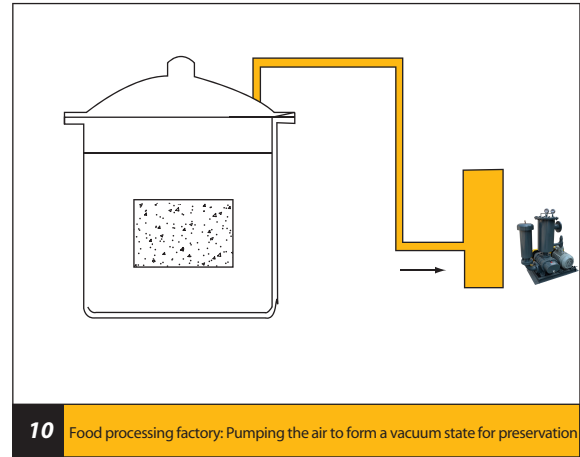
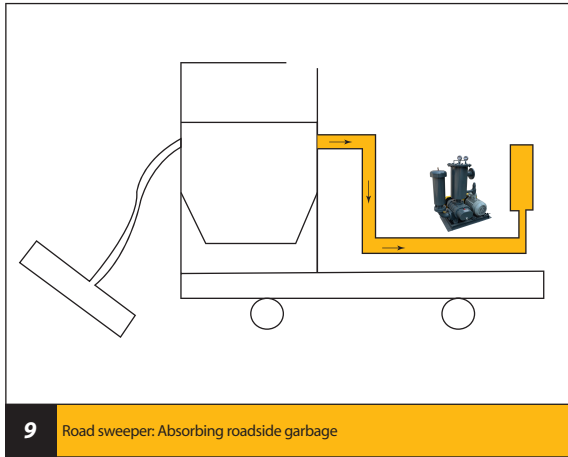
单位: Unit(mm)

型号 Type	A	B	ØD	Ød1	C	n-Ød	适用型号 Application type
DN-40	180	98	140	105	16	4-Ø19	RSV-40
DN-50	200	110	155	120	16	4-Ø19	RSV-50
DN-65	200	115	175	140	18	4-Ø19	RSV-65
DN-80	220	128	185	150	18	8-Ø19	RSV-80
DN-100	250	164	210	175	18	8-Ø19	RSV-100
DN-125	300	202	250	210	20	8-Ø23	RSV125(A)
DN-150	320	240	280	240	22	8-Ø23	RSV-150
DN-200	315	315	330	290	22	12-Ø23	RSV-200(A)
DN-250	350	350	400	355	24	12-Ø25	RSV-250
DN-300	470	470	445	400	24	16-Ø25	RSV-300(A)



Applications





Welcome to ask for the following product catalogue



Pump series

- Submersible pump series
- On land pump series
- Special pump series
- Fire fighting pump series



Mixing and flow Propeller series

- Mixer series
- Flow propeller series



Aerating oxygen Inputing series

- Aerator series
- Disc diffuser series
- Diffuser series



Blower series

- Three-lobe roots blower series
- Pressure boost roots blower



Sludge treatment equipment and others

- Solid liquid separation series
- Dissolving equipment
- Conveying equipment



GSD Industrial Co.,Ltd

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