



RSV And RSS-Series Roots Blower

Brief introduction:

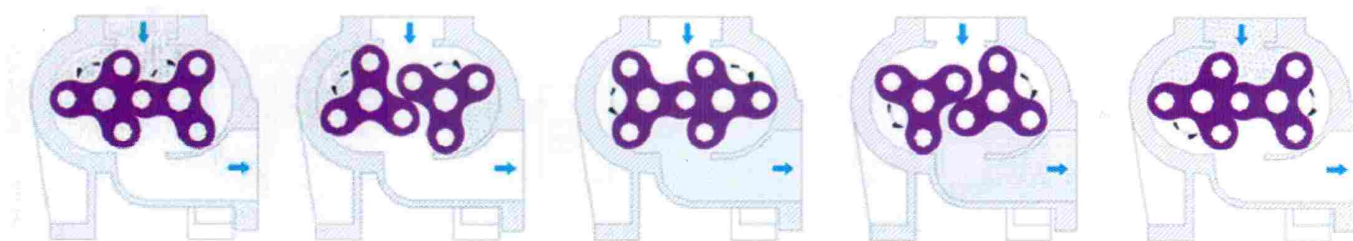
RSV series are standard 3-lobe roots blower from Hey-Wel, which have compact structure and reliable running and long life. The inlet size are from 2" to 12". With the continuous development of products, we have developed out new type of RSS series at high pressure. It can run under the pressure of 80Kpa without cooling water and the maximum capacity can be up to 160 m³/min.

In order to make our blowers can run between 80Kpa and 100Kpa. We tried our best to research out RSW water-cooling series. And the maximum pressure of two-stage blower can be up to 200Kpa.

Features:

- Adopt high-grade computer-control balance adjustment (G2.5), reduce the vibration and noise.
- Machine impeller by 6 coordinates NC shape to improve higher accuracy.
- Gears have special treatments, and manufactured according to JIS1 gears accuracy. It can increase the life and decrease the noise.
- There are all lubricant on both end oil tanks, the seal design can not only protect lubricant from pollution and reduce obstacles, but also promise that the gas flow will not be contaminated.
- It can add piston ring and get higher efficiency and longer life.

Operating principle:



• Elower Working Principle

Roots blower is a cubage blower, discharge airflow scale to the blower's speed. Every rotation, there is two lobes to finish three times absorbing and discharge air, compared with two lobes blower, the air is more smooth, smaller load change; higher strength; lower noise and vibration.

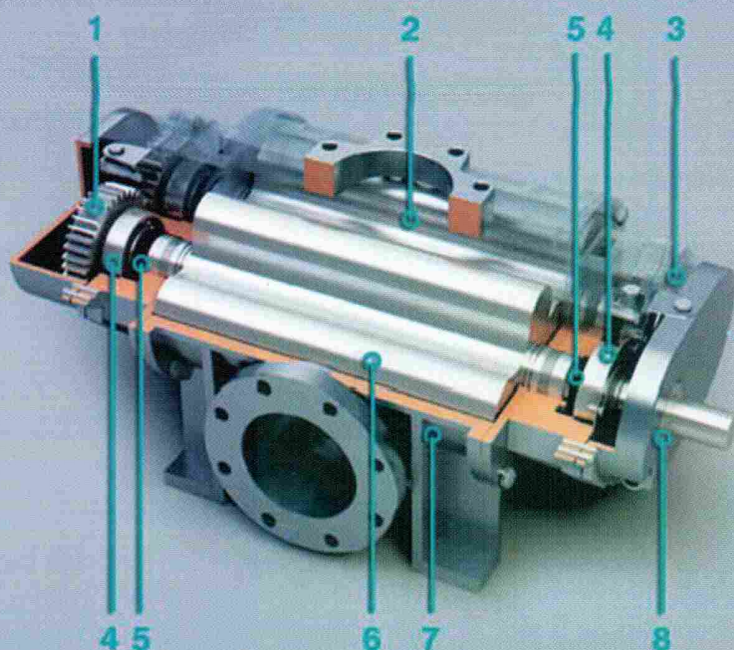
Two parallel shafts have three lobes each, all the lobes keep small clearance with each and housing inside. Every lobes rotation, a certain air will be absorbed at inlet and transferred from the housing inside surface to blower's discharge port.

Two shafts will be turned by the timing gearsm no any tiuching betwwen lobes, so it can be tured at high speed without any lubrication inside. It has the follwing characteristics: simply configuration; running smoothly; good performance stabilization. It has been applied for many fields.

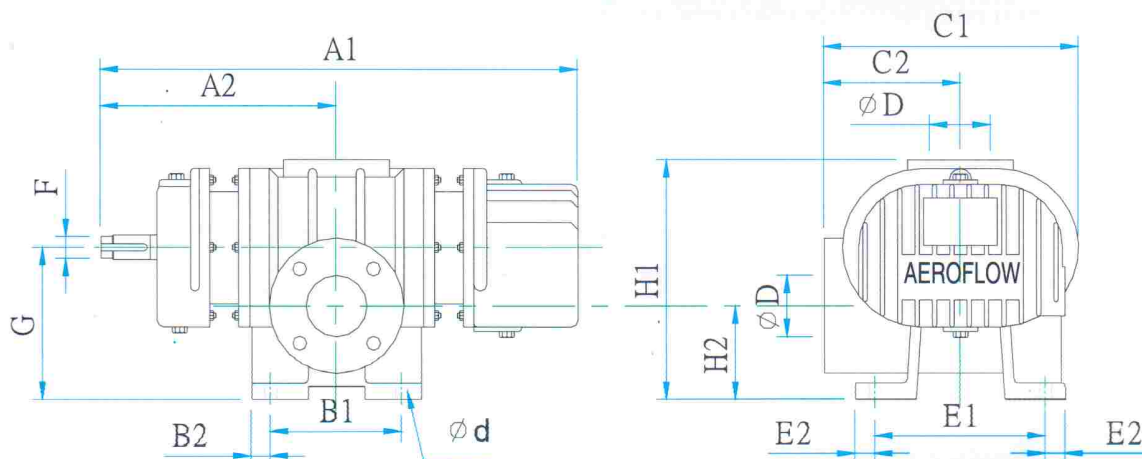
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Main body : RSS



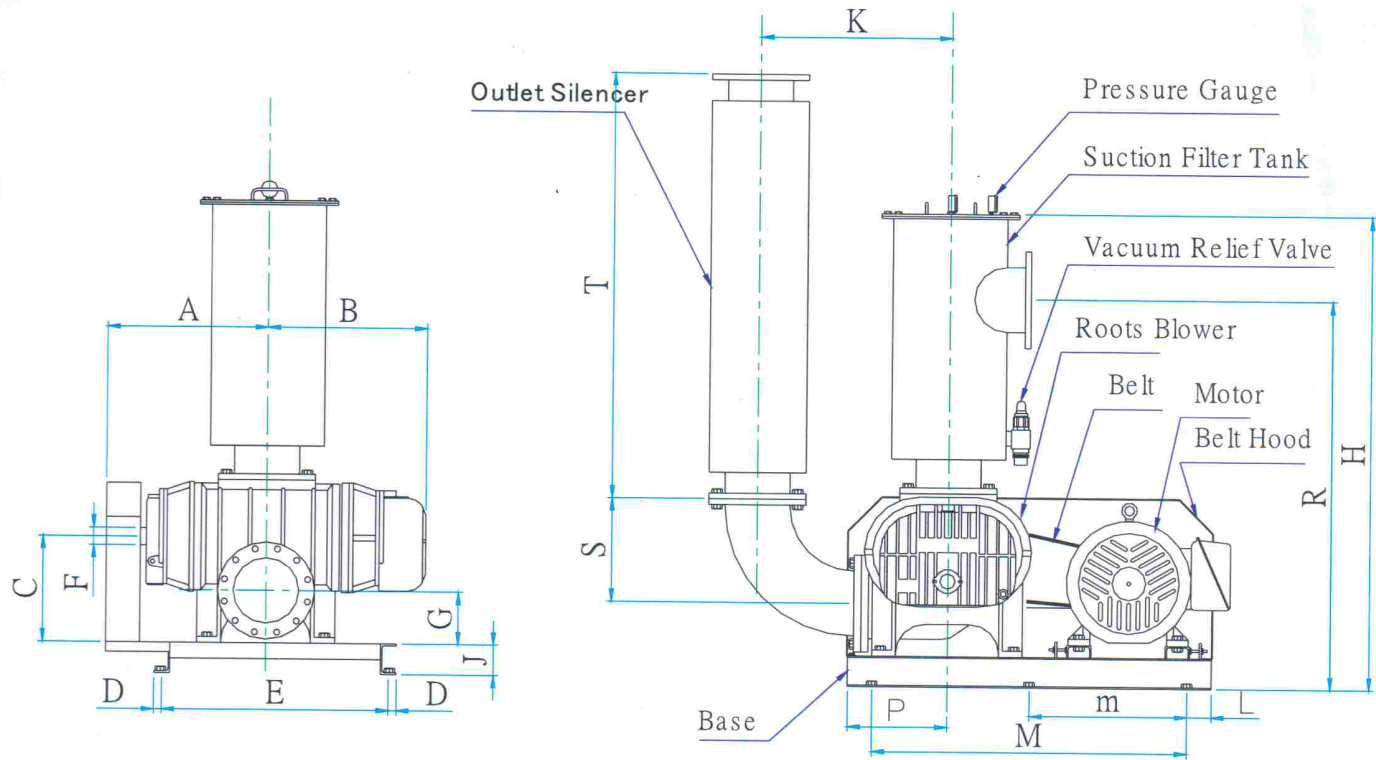
Part	Part description	n.of parts
1	gear	2
2	driven rotor	1
3	oil thrower	1
4	bearing	4
5	v-ring	4
6	drive rotor	1
7	body	1
8	oil seal	1



Mode 1	A1	A2	B1	B2	C1	C2	Ø D	Ø d	E1	E2	F	G	H1	H2	Wt.(kg)
RSS-40	457	219	80	15	300	164	70	14	196	23	28	180	290	108	65
RSS-50	537	259	150	22.5	294	158	61.5	14	196	22	28	175	276	108	70
RSS-65	597	289	195	30.5	288	152	77.5	14	200	25	28	173	274	107	75
RSS-80	664	344	195	22.5	358	180	90	16	200	20	38	213	343	114	143
RSS-100	714	394	282	20.5	364	186	116	16	232	30	38	225	359	120	166
RSS-125A	772	377	210	20	483	250	142	19	346	27	48	265	514	143	274
RSS-125	892	437	310	30	483	250	142	19	355	22.5	48	265	501	163	296
RSS-150	1002	492	428	26	483	250	167	19	355	22.5	48	295	463	172	352
RSS-200A	962	465	239	45.5	697	357	200	23	555	42.5	65	355	605	198	640
RSS-200	1062	515	400	40	685	345	200	23	550	33	65	405	705	194	880
RSS-250	1212	590	520	25	715	356	260	23	550	35	65	435	675	216	1050
RSS-300	1310	625	510	30	1060	560	320	23	780	35	95	550	1010	300	2000

Unit: mm

Structure Dimension : RSV



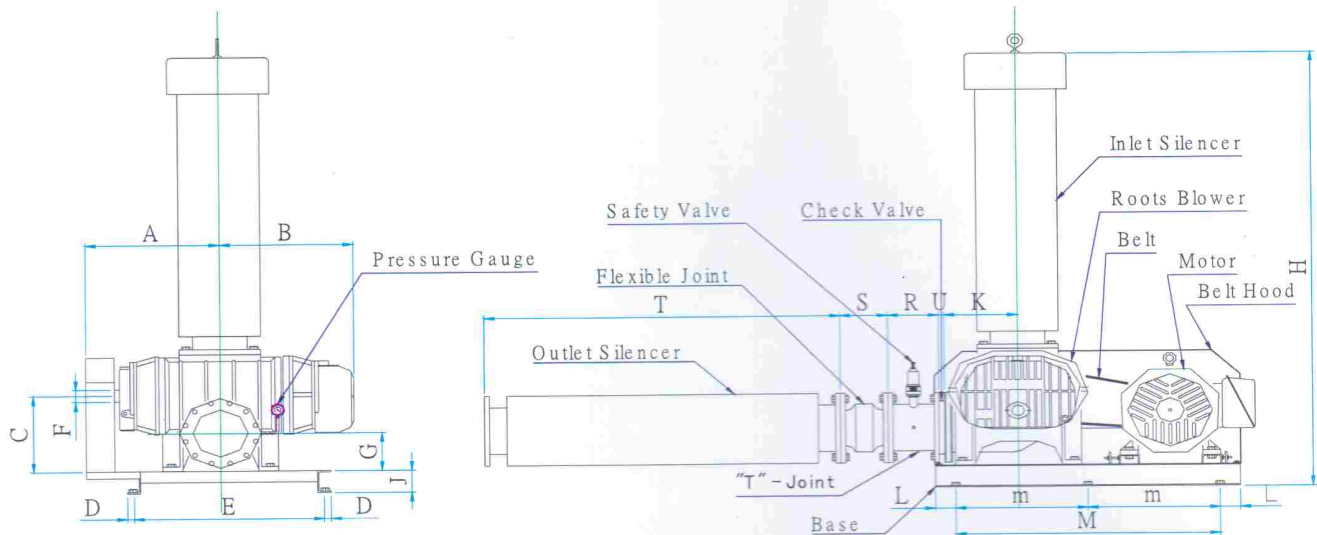
Model	A	B	C	D	E	F	G	H	J	K	L	M	m	P	R	S	T
RSV-50	302	278	175	50	350	28	108	836	75	294	37.5	795	-	245	100	689	592
RSV-65	323	308	173	50	350	28	107	933	75	289	37.5	795	-	245	150	789	596
RSV-80	406	320	213	50	450	38	114	1098	75	332	37.5	945	-	290	180	943	796
RSV-100	467	370	225	25	550	38	120	1286	100	376	100	760	-	240	180	993	796
RSV-125A	440	395	265	25	550	48	143	1294	100	477	100	900	-	238	250	1119	1260
RSV-125	500	455	265	25	550	48	163	1285	100	479	100	900	-	238	250	1110	1260
RSV-150	566	510	295	25	550	48	172	1932	100	517	100	900	-	238	250	1215	1264
RSV-200A	540	497	355	32.5	935	65	194	1680	125	691	100	-	650	410	250	1480	1644
RSV-200	620	547	405	32.5	935	65	198	1780	125	701	100	-	650	410	250	1380	1644
RSV-250	485	622	435	32.5	935	65	216	1945	125	788	100	-	650	410	250	1945	1748
RSV-300	758	685	550	35	1035	95	300	2510	250	1062	235	-	1000	560Z	300	2260	1848

Unit: mm

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Structure Dimension : RSS



Model	A	B	C	D	E	F	G	H	J	K	L	M	m	R	U	S	T	Wt. (kg)
RSS-40	260	238	180	20	340	28	108	600	46	164	41.5	517	-	-	-	-	-	103
RSS-50	302	278	175	50	350	28	108	897	75	158	37.5	795	-	150	20	85	592	136
RSS-65	323	308	173	50	350	28	107	897	75	152	37.5	795	-	150	24	95	596	155
RSS-80	406	320	213	50	450	38	114	1236	75	180	37.5	945	-	180	24	110	796	250
RSS-100	467	370	225	25	550	38	120	1287	100	186	100	760	-	180	24	115	796	330
RSS-125A	440	395	265	25	550	48	143	1843	100	250	100	900	-	250	25	140	1260	450
RSS-125	500	455	265	25	550	48	163	1843	100	250	100	900	-	250	25	140	1260	485
RSS-150	566	510	295	25	550	48	172	1875	100	250	100	900	-	250	26	150	1264	525
RSS-200A	540	497	355	32.5	935	65	198	2230	125	357	100	-	650	250	28	170	1644	900
RSS-200	620	547	405	32.5	935	65	194	2330	125	345	100	-	650	250	28	170	1644	1155
RSS-250	680	622	435	32.5	935	65	216	2500	125	356	100	-	650	250	28	210	1748	1500
RSS-300	828	685	550	35	1035	95	300	3084	250	560	235	-	1000	300	30	240	1848	2800



Performance Table : RSV

Mode 1	Rpm	- 1000mmAq			- 2000mmAq			- 3000mmAq			- 4000mmAq			- 5000mmAq			- 6000mmAq		
		Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N
50	1250	2.66	0.58	1.50	2.24	1.15	1.50	1.86	1.73	2.20	1.59	2.30	3.00	1.42	2.88	3.70	1.23	3.46	5.50
	1350	2.92	0.62	1.50	2.49	1.24	1.50	2.10	1.87	2.20	1.83	2.49	3.00	1.65	3.11	3.70	1.50	3.73	5.50
	1450	3.18	0.67	1.50	2.73	1.34	2.20	2.34	2.00	3.00	2.06	2.67	3.70	1.87	3.34	5.50	1.73	4.01	5.50
	1550	3.44	0.71	1.50	2.98	1.43	2.20	2.59	2.14	3.00	2.29	2.68	3.70	2.10	3.57	5.50	1.95	4.28	5.50
	1650	3.52	0.76	1.50	3.23	1.52	2.20	2.82	2.28	3.00	2.52	3.04	3.70	2.33	3.80	5.50	2.17	4.56	5.50
	1750	3.76	0.81	2.20	3.48	1.61	2.20	3.06	2.42	3.70	2.75	3.22	4.00	2.56	4.03	5.50	2.39	4.84	7.50
	1850	4.01	0.85	2.20	3.72	1.70	2.20	3.30	2.56	3.70	2.99	3.41	5.50	2.79	4.26	5.50	2.61	5.11	7.50
	1950	4.26	0.90	2.20	3.97	1.80	3.00	3.54	2.70	3.70	3.22	3.59	5.50	3.02	4.49	5.50	2.82	5.39	7.50
65	1250	3.49	0.75	2.20	3.11	1.50	3.00	2.89	2.25	3.70	2.70	2.99	4.00	2.50	3.74	5.50	2.31	4.49	5.50
	1350	3.83	0.81	2.20	3.43	1.62	3.70	3.21	2.43	3.70	3.00	3.23	4.00	2.80	4.04	5.50	2.60	4.85	7.50
	1450	4.17	0.87	2.20	3.75	1.74	3.70	3.52	2.61	4.00	3.30	3.47	5.50	3.10	4.34	5.50	2.88	5.21	7.50
	1550	4.51	0.93	3.00	4.08	1.86	4.00	3.83	2.78	4.00	3.61	3.71	5.50	3.39	4.64	5.50	3.17	5.57	7.50
	1650	4.84	0.99	3.00	4.41	1.98	5.50	4.15	2.96	5.50	3.92	3.95	5.50	3.69	4.94	7.50	3.46	5.93	7.50
	1750	5.18	1.05	3.70	4.72	2.10	5.50	4.45	3.14	5.50	4.21	4.19	5.50	3.99	5.24	7.50	3.52	6.29	7.50
	1850	5.52	1.11	3.70	5.05	2.22	5.50	4.77	3.32	5.50	4.52	4.43	5.50	4.29	5.54	7.50	4.03	6.65	11.00
	1950	5.86	1.17	3.70	5.38	2.34	5.50	5.09	3.50	5.50	4.82	4.67	5.50	4.58	5.84	7.50	4.32	7.01	11.00
80	1200	6.22	1.28	2.20	5.57	2.55	3.00	5.08	3.83	5.50	4.49	5.10	7.50	4.10	6.38	7.50	3.71	7.65	11.00
	1300	6.82	1.38	2.20	6.14	2.76	3.70	5.63	4.15	5.50	5.03	5.53	7.50	4.63	6.91	11.00	4.22	8.29	11.00
	1400	7.42	1.49	2.20	6.72	2.98	3.70	6.18	4.46	5.50	5.57	5.95	7.50	5.16	7.44	11.00	4.73	8.93	11.00
	1500	8.02	1.59	2.20	7.30	3.19	4.00	6.74	4.78	7.50	6.11	6.38	7.50	5.68	7.97	11.00	5.24	9.57	11.00
	1600	8.62	1.70	2.20	7.87	3.40	5.50	7.30	5.10	7.50	6.64	6.80	11.00	6.20	8.50	11.00	5.75	10.21	15.00
	1650	8.92	1.75	2.20	8.16	3.51	5.50	7.58	5.26	7.50	6.91	7.02	11.00	6.47	8.77	11.00	6.00	10.52	15.00
	1750	9.51	1.86	2.20	8.74	3.72	5.50	8.14	5.58	7.50	7.45	7.44	11.00	7.00	9.30	11.00	6.51	11.16	15.00
	1850	#####	1.97	3.00	9.31	3.93	5.50	8.70	5.90	7.50	7.99	7.87	11.00	7.52	9.83	15.00	7.02	11.80	15.00
	1950	#####	2.07	3.00	9.88	4.15	5.50	9.25	6.22	7.50	8.53	8.29	11.00	8.05	10.36	15.00	7.52	12.44	15.00

Mode 1	Rpm	- 1000mmAq			- 2000mmAq				- 3000mmAq				- 4000mmAq				- 5000mmAq				- 6000mmAq			
		Qs	La	N	Qs	Qs	La	N	Qs	Qs	La	N	Qs	Qs	La	N	Qs	Qs	La	N	Qs	Qs	La	N
100	1200	9.04	1.79	2.20	8.45	8.11	3.57	5.50	7.87	7.32	5.36	7.50	7.55	6.80	7.14	11.00	7.31	6.43	8.93	11.00	7.17	6.09	10.72	15.00
	1300	9.88	1.93	3.00	9.29	8.92	3.87	5.50	8.71	8.10	5.80	7.50	8.38	7.54	7.74	11.00	8.15	7.17	9.67	15.00	8.01	6.81	11.61	15.00
	1400	10.72	2.08	3.00	10.13	9.72	4.17	5.50	9.55	8.88	6.25	7.50	9.22	8.30	8.33	11.00	8.99	7.91	10.42	15.00	8.84	7.51	12.50	15.00
	1500	11.56	2.23	3.00	10.97	10.53	4.46	5.50	10.39	9.66	6.70	11.00	10.06	9.05	8.93	11.00	9.82	8.64	11.16	15.00	9.68	8.23	13.39	18.50
	1600	12.40	2.38	3.00	11.80	11.33	4.76	7.50	11.23	10.44	7.14	11.00	10.90	9.81	9.52	15.00	10.66	9.38	11.91	15.00	10.52	8.94	14.29	18.50
	1650	12.82	2.46	3.00	12.22	11.73	4.91	7.50	11.65	10.83	7.37	11.00	11.32	10.19	9.82	15.00	11.08	9.75	12.28	15.00	10.94	9.30	14.73	18.50
	1750	13.65	2.60	3.70	13.06	12.54	5.21	7.50	12.49	11.62	7.81	11.00	12.16	10.94	10.42	15.00	11.92	10.49	13.02	15.00	11.78	10.01	15.63	18.50
	1850	14.49	2.75	3.70	13.90	13.34	5.51	7.50	13.32	12.39	8.26	11.00	12.99	11.69	11.01	15.00	12.76	11.23	13.77	18.50	12.62	10.73	16.52	22.00
	1950	15.33	2.90	3.70	14.74	14.15	5.80	7.50	14.16	13.17	8.71	11.00	13.83	12.45	11.61	15.00	13.60	11.97	14.51	18.50	13.45	11.43	17.41	22.00

Mode 1	Rpm	- 1000mmAq			- 2000mmAq			- 3000mmAq			- 4000mmAq			- 5000mmAq			- 6000mmAq		
		Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N
125	1180	18.92	3.76	5.50	17.05	7.52	11.00	15.78	11.28	15.00	14.51	15.04	18.50	13.81	18.80	22.00	12.80	22.56	30.00
	1250	20.17	3.98	5.50	18.25	7.97	11.00	16.95	11.95	15.00	15.63	15.94	18.50	14.91	19.92	22.00	13.86	23.90	30.00
	1320	21.43	4.21	5.50	19.46	8.41	11.00	18.13	12.62	15.00	16.77	16.83	22.00	16.02	21.04	30.00	14.93	25.24	30.00
	1390	22.69	4.43	5.50	20.67	8.86	11.00	19.29	13.29	18.50	17.90	17.72	22.00	17.12	22.15	30.00	16.01	26.58	30.00
	1470	24.12	4.69	7.50	22.04	9.37	15.00	20.63	14.06	18.50	19.19	18.74	22.00	18.38	23.43	30.00	17.22	28.11	37.00
	1560	25.74	4.97	7.50	23.60	9.94	15.00	22.12	14.92	18.50	20.65	19.89	30.00	19.81	24.86	30.00	18.60	29.83	37.00
	1650	27.35	5.26	7.50	25.14	10.52	15.00	23.63	15.78	18.50	22.10	21.04	30.00	21.23	26.29	30.00	19.98	31.55	37.00
	1750	29.15	5.58	7.50	26.87	11.15	15.00	25.30	16.73	22.00	23.72	22.31	30.00	22.81	27.89	37.00	21.50	33.46	37.00
	1850	30.94	5.90	7.50	28.59	11.79	15.00	26.97	17.69	22.00	25.33	23.58	30.00	24.38	29.48	37.00	23.03	35.38	45.00

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Performance Table : RSV

Mode I	Rpm	- 1000mmAq			- 2000mmAq			- 3000mmAq			- 4000mmAq			- 5000mmAq			- 6000mmAq		
		Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N	Qs	La	N
150	1180	24.30	4.85	7.50	21.84	9.70	15.00	20.42	14.55	18.50	19.11	19.40	30.00	18.28	24.25	30.00	17.04	29.10	37.00
	1250	25.92	5.14	7.50	23.40	10.27	15.00	21.93	15.41	18.50	20.57	20.55	30.00	19.70	25.69	30.00	18.42	30.82	37.00
	1320	27.54	5.42	7.50	24.95	10.85	15.00	23.44	16.27	22.00	22.03	21.70	30.00	21.13	27.12	37.00	19.80	32.55	37.00
	1390	29.16	5.71	7.50	26.51	11.42	15.00	24.94	17.14	22.00	23.49	22.85	30.00	22.55	28.56	37.00	21.17	34.27	45.00
	1470	31.02	6.04	7.50	28.28	12.08	15.00	26.67	18.12	22.00	25.16	24.17	30.00	24.18	30.12	37.00	22.75	36.25	45.00
	1560	33.10	6.41	11.00	30.29	12.82	15.00	28.61	19.23	22.00	27.03	25.64	30.00	26.01	23.06	37.00	24.52	38.47	45.00
	1650	35.18	6.78	11.00	32.28	13.56	18.50	30.54	20.34	30.00	28.90	27.12	37.00	27.85	33.91	45.00	26.29	40.69	45.00
	1750	37.50	7.19	11.00	34.51	14.38	18.50	32.70	21.58	30.00	30.99	28.77	37.00	29.88	35.96	45.00	28.25	43.15	55.00
	1850	39.81	7.60	11.00	36.73	15.21	18.50	34.85	22.81	30.00	33.07	30.41	37.00	31.93	38.01	45.00	30.23	45.62	55.00
200	990	41.20	11.00	15.00	37.92	18.80	22.00	35.53	26.00	30.00	33.39	34.00	45.00	31.77	43.00	55.00	29.92	50.00	75.00
	1050	44.00	11.60	15.00	40.61	20.00	30.00	38.04	28.00	37.00	35.82	37.00	45.00	34.23	45.00	55.00	32.30	53.00	75.00
	1110	46.70	12.20	15.00	43.20	21.00	30.00	40.64	30.00	37.00	38.34	39.00	45.00	36.61	48.00	55.00	34.60	56.00	75.00
	1180	49.90	13.10	15.00	46.27	22.00	30.00	43.62	31.00	37.00	41.22	41.00	55.00	39.42	50.00	75.00	37.32	59.00	75.00
	1250	53.10	13.80	18.50	49.34	24.00	30.00	46.59	33.00	37.00	44.10	44.00	55.00	42.24	53.00	75.00	40.04	63.00	75.00
	1320	56.30	14.50	18.50	52.42	25.00	30.00	49.57	35.00	45.00	46.98	46.00	55.00	45.06	56.00	75.00	42.76	66.00	75.00
250	1390	59.50	15.20	18.50	55.49	26.00	30.00	52.55	38.00	45.00	49.86	48.00	55.00	47.87	59.00	75.00	45.56	70.00	90.00
	990	55.60	14.15	18.50	51.46	24.66	30.00	48.45	34.30	45.00	45.72	46.10	55.00	43.65	55.74	75.00	41.40	66.46	75.00
	1050	59.30	15.00	18.50	55.10	25.73	30.00	51.80	36.45	45.00	49.05	48.24	55.00	46.90	59.00	75.00	44.46	69.88	90.00
	1110	63.00	15.75	18.50	58.56	27.87	30.00	55.24	39.66	45.00	52.29	51.46	75.00	50.16	62.18	75.00	47.60	73.97	90.00
	1180	67.20	16.72	22.00	62.69	28.94	37.00	59.24	41.80	55.00	56.16	54.67	75.00	53.94	66.46	75.00	51.26	79.33	90.00
	1250	71.50	17.80	22.00	66.82	31.09	37.00	63.24	45.02	55.00	60.03	58.81	75.00	57.64	69.68	90.00	54.83	83.62	110.00
	1320	75.80	18.76	22.00	70.94	32.16	37.00	67.24	47.17	55.00	63.90	60.00	75.00	61.42	73.97	90.00	58.48	87.90	110.00
300	1390	80.10	19.72	22.00	74.88	34.30	45.00	71.15	49.31	55.00	67.95	63.25	75.00	65.21	78.26	90.00	62.14	93.26	110.00
	900	111.5	26.6	30.0	103.9	50.1	75.0	98.2	71.6	90.0	92.6	91.4	110.0	88.7	109.7	132.0	84.0	126.7	160.0
	1000	124.5	29.6	37.0	116.7	57.0	75.0	110.6	80.9	110.0	104.6	102.9	132.0	100.4	123.3	160.0	95.3	142.1	160.0
	1100	138.1	34.5	45.0	129.7	63.9	75.0	123.1	90.2	110.0	116.7	114.4	132.0	112.3	136.8	160.0	106.8	1457.6	200.0
	1200	151.7	39.5	45.0	142.6	70.8	90.0	135.6	99.5	132.0	128.8	125.9	160.0	124.1	150.4	200.0	118.2	171.9	200.0
	1300	165.3	44.5	55.0	155.6	83.6	110.0	148.2	108.8	132.0	141.0	137.4	160.0	136.0	164.0	200.0	129.7	188.4	250.0
40	1400	178.0	47.9	55.0	167.6	90.0	110.0	159.6	117.2	160.0	151.9	148.0	200.0	146.5	176.6	200.0	139.7	202.9	250.0

Performance Table : RSS

Mode I	Rpm	1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
40	850	1.02	0.23	0.85	0.47	0.67	0.70	0.46	0.94	0.23	1.17						
	950	1.18	0.26	1.00	0.53	0.83	0.79	0.60	1.05	0.44	1.31						
	1050	1.33	0.29	1.16	0.58	0.99	0.87	0.75	1.16	0.62	1.45						
	1150	1.49	0.32	1.31	0.64	1.14	0.95	0.89	1.27	0.76	1.59						
	1250	1.64	0.35	1.47	0.69	1.30	1.04	1.12	1.38	0.90	1.73	0.90	2.07	0.67	2.42	0.52	2.76
	1350	1.80	0.37	1.62	0.75	1.45	1.12	1.28	1.49	1.16	1.87	1.05	2.24	0.99	2.61	0.82	2.99
	1450	1.96	0.4	1.78	0.80	1.61	1.20	1.43	1.60	1.31	2.00	1.21	2.40	1.15	2.81	1.11	3.21
	1550	2.11	0.43	1.93	0.86	1.76	1.29	1.59	1.71	1.47	2.14	1.37	2.57	1.30	3.00	1.26	3.43
	1650	2.27	0.46	2.09	0.91	1.92	1.37	1.74	1.82	1.63	2.28	1.52	2.74	1.46	3.19	1.42	3.65
	1750	2.42	0.48	2.25	0.97	2.08	1.45	1.90	1.93	1.78	2.42	1.68	2.90	1.61	3.39	1.57	3.87
40	1850	2.58	0.51	2.40	1.02	2.23	1.53	2.06	2.05	1.94	2.56	1.83	3.07	1.77	3.58	1.73	4.09
	1950	2.73	0.54	2.56	1.08	2.39	1.62	2.21	2.16	2.09	2.70	1.99	3.23	1.92	3.77	1.88	4.31



Performance Table : RSS

Mode 1	Rpm	1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
50	850	1.63	0.39	1.29	0.78	0.96	1.17	0.73	1.57	0.57	1.96	0.43	2.35	0.26	2.74	0.18	3.13
	950	1.89	0.44	1.55	0.88	1.22	1.31	0.99	1.75	0.83	2.19	0.67	2.63	0.61	3.06	0.45	3.50
	1050	2.14	0.48	1.81	0.97	1.48	1.45	1.25	1.93	1.09	2.42	0.91	2.90	0.88	3.39	0.80	3.87
	1150	2.40	0.53	2.07	1.06	1.74	1.59	1.51	2.12	1.35	2.65	1.15	3.18	1.15	3.71	1.06	4.24
	1250	2.66	0.58	2.33	1.15	2.00	1.73	1.77	2.30	1.61	2.88	1.45	3.46	1.43	4.03	1.32	4.61
	1350	2.92	0.62	2.59	1.24	2.26	1.87	2.03	2.49	1.87	3.11	1.77	3.73	1.72	4.35	1.58	4.98
	1450	3.18	0.67	2.84	1.34	2.52	2.00	2.29	2.67	2.13	3.34	2.03	4.01	1.98	4.68	1.84	5.34
	1550	3.44	0.71	3.10	1.43	2.78	2.14	2.54	2.86	2.39	3.57	2.29	4.28	2.24	5.00	2.10	5.71
	1650	3.52	0.76	3.36	1.52	3.03	2.28	2.80	3.04	2.65	3.80	2.55	4.56	2.50	5.32	2.36	6.08
	1750	3.76	0.81	3.62	1.61	3.29	2.42	3.06	3.22	2.91	4.03	2.81	4.84	2.76	5.64	2.62	6.45
	1850	4.01	0.85	3.88	1.70	3.55	2.56	3.32	3.41	3.17	4.26	3.07	5.11	3.02	5.97	2.87	6.82
	1950	4.26	0.90	4.14	1.80	3.81	2.70	3.58	3.59	3.43	4.49	3.32	5.39	3.28	6.29	3.13	7.19
65	850	2.15	0.51	2.04	1.02	1.76	1.53	1.65	2.04	1.49	2.55	1.37	3.05	1.28	3.56	1.14	4.07
	950	2.48	0.57	2.40	1.14	2.10	1.71	1.98	2.28	1.83	2.84	1.71	3.41	1.62	3.98	1.47	4.55
	1050	2.82	0.63	2.77	1.26	2.43	1.89	2.32	2.52	2.17	3.14	2.04	3.77	1.95	4.40	1.81	5.03
	1150	3.16	0.69	3.13	1.38	2.77	2.07	2.66	2.75	2.5	3.44	2.38	4.13	2.29	4.82	2.15	5.51
	1250	3.49	0.75	3.24	1.5	3.11	2.25	3.00	2.99	2.84	3.74	2.72	4.49	2.63	5.24	2.49	5.99
	1350	3.83	0.81	3.57	1.62	3.45	2.43	3.33	3.23	3.18	4.04	3.06	4.85	2.97	5.66	2.82	6.47
	1450	4.17	0.87	3.91	1.74	3.78	2.61	3.67	3.47	3.52	4.34	3.39	5.21	3.3	6.08	3.16	6.95
	1550	4.51	0.93	4.25	1.86	4.12	2.78	4.01	3.71	3.85	4.64	3.73	5.57	3.64	6.5	3.5	7.43
	1650	4.84	0.99	4.59	1.98	4.46	2.96	4.35	3.95	4.19	4.94	4.07	5.93	3.98	6.92	3.83	7.91
	1750	5.18	1.05	4.92	2.10	4.79	3.14	4.68	4.19	4.53	5.24	4.41	6.29	4.32	7.34	4.17	8.38
	1850	5.52	1.11	5.26	2.22	5.13	3.32	5.02	4.43	4.87	5.54	4.74	6.65	4.65	7.76	4.51	8.86
	1950	5.86	1.17	5.60	2.34	5.47	3.50	5.36	4.67	5.20	5.84	5.08	7.01	4.99	8.17	4.85	9.34
80	800	3.83	0.85	3.41	1.70	3.06	2.55	2.59	3.40	2.26	4.25	1.97	5.10	1.55	5.95	1.14	6.80
	900	4.42	0.96	4.01	1.91	3.66	2.87	3.19	3.83	2.86	4.78	2.57	5.74	2.15	6.70	1.74	7.65
	1000	5.02	1.06	4.61	2.13	4.26	3.19	3.79	4.25	3.46	5.32	3.17	6.38	2.75	7.44	2.33	8.50
	1100	5.62	1.17	5.20	2.34	4.86	3.51	4.39	4.68	4.06	5.85	3.77	7.02	3.35	8.19	2.93	9.35
	1200	6.22	1.28	5.80	2.55	5.46	3.83	4.99	5.1	4.66	6.38	4.36	7.65	3.95	8.93	3.53	10.21
	1300	6.82	1.38	6.40	2.76	6.05	4.15	5.59	5.53	5.26	6.91	4.96	8.29	4.55	9.67	4.13	11.06
	1400	7.42	1.49	7.00	2.96	6.65	4.46	6.19	5.95	5.86	7.44	5.56	8.93	5.15	10.42	4.73	11.91
	1500	8.02	1.59	7.60	3.19	7.25	4.78	6.79	6.38	6.45	7.97	6.16	9.57	5.75	11.16	5.33	12.76
	1600	8.62	1.7	8.20	3.40	7.85	5.10	7.38	6.80	7.05	8.50	6.76	10.21	6.34	11.91	5.93	13.61
	1650	8.92	1.75	8.50	3.51	8.15	5.26	7.68	7.02	7.35	8.77	7.06	10.52	6.64	12.28	6.23	14.03
	1750	9.51	1.86	9.10	3.72	8.75	5.58	8.28	7.44	7.95	9.30	7.66	11.16	7.24	13.02	6.82	14.88
	1850	10.11	1.97	9.70	3.93	9.35	5.90	8.88	7.87	8.55	9.83	8.26	11.8	7.84	13.77	7.42	15.73
	1950	10.71	2.07	10.29	4.15	9.95	6.22	9.48	8.29	9.15	10.36	8.85	12.44	8.44	14.51	8.02	16.58
100	850	5.69	1.19	5.01	2.38	4.52	3.57	4.19	4.76	3.96	5.95	3.81	7.14	3.48	8.33	3.34	9.52
	950	6.53	1.34	5.94	2.68	5.36	4.02	5.03	5.36	4.79	6.70	4.65	8.04	4.32	9.38	4.18	10.72
	1000	7.37	1.49	6.77	2.98	6.20	4.46	5.87	5.95	5.63	7.44	5.49	8.93	5.16	10.42	5.02	11.91
	1100	8.21	1.64	7.61	3.27	7.04	4.91	6.71	6.55	6.47	8.19	6.33	9.82	6.00	11.46	5.86	13.10
	1200	9.04	1.79	8.45	3.57	7.87	5.36	7.55	7.14	7.31	8.93	7.17	10.72	6.83	12.5	6.69	14.29
	1300	9.88	1.93	9.29	3.87	8.71	5.80	8.38	7.74	8.15	9.67	8.01	11.61	7.67	13.54	7.53	15.48
	1400	10.72	2.08	10.13	4.17	9.55	6.25	9.22	8.33	8.99	10.42	8.84	12.5	8.51	14.59	8.37	16.67
	1500	11.56	2.23	10.97	4.46	10.39	6.70	10.06	8.93	9.82	11.16	9.68	13.39	9.35	15.63	9.21	17.86
	1600	12.40	2.38	11.8	4.76	11.23	7.14	10.90	9.52	10.66	11.91	10.52	14.29	10.19	16.67	10.05	19.05
	1650	12.82	2.46	12.22	4.91	11.65	7.37	11.32	9.82	11.08	12.28	10.94	14.73	10.61	17.19	10.47	19.65
	1750	13.65	2.60	13.06	5.21	12.49	7.81	12.16	10.42	11.92	13.02	11.78	15.63	11.45	18.23	11.3	20.84
	1850	14.49	2.75	13.90	5.51	13.32	8.26	12.99	11.01	12.76	13.77	12.62	16.52	12.28	19.27	12.14	22.03
	1950	15.33	2.90	14.74	5.80	14.16	8.71	13.83	11.61	13.60	14.51	13.45	17.41	13.12	20.31	12.98	23.22

Performance Table : RSS

Mode 1	Rpm	1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
125A	780	8.29	1.70	7.60	3.40	6.98	5.10	6.28	6.80	5.55	8.50	5.11	10.21	4.74	11.91	4.24	13.61
	830	8.90	1.81	8.22	3.62	7.59	5.43	6.89	7.24	6.16	9.05	5.72	10.86	5.35	12.67	4.85	14.48
	880	9.52	1.92	8.83	3.84	8.21	5.76	7.51	7.68	6.78	9.59	6.34	11.51	5.97	13.43	5.46	15.35
	990	10.87	2.16	10.18	4.32	9.56	6.48	8.86	8.64	8.13	10.79	7.69	12.95	7.32	15.11	6.81	17.27
	1050	11.61	2.29	10.92	4.58	10.3	6.87	9.59	9.16	8.86	11.45	8.42	13.74	8.06	16.03	7.55	18.32
	1100	12.22	2.4	11.53	4.8	10.91	7.2	10.21	9.59	9.48	11.99	9.04	14.39	8.67	16.79	8.17	19.19
	1180	13.2	2.57	12.51	5.15	11.89	7.72	11.19	10.29	10.46	12.87	10.02	15.44	9.65	18.01	9.15	20.59
	1250	14.06	2.73	13.37	5.45	12.75	8.18	12.05	10.9	11.32	13.63	10.88	16.35	10.51	19.08	10.01	21.81
	1320	14.92	2.88	14.23	5.76	13.61	8.64	12.91	11.51	12.18	14.39	11.74	17.27	11.37	20.15	10.87	23.03
	1390	15.78	3.03	15.09	6.06	14.47	9.09	13.77	12.12	13.04	15.16	12.6	18.19	12.23	21.22	11.73	24.25
	1470	16.77	3.21	16.08	6.41	15.45	9.62	14.75	12.82	14.02	16.03	13.58	19.23	13.21	22.44	12.71	25.64
	1560	17.87	3.40	17.18	6.80	16.56	10.21	15.86	13.61	15.13	17.01	14.69	20.41	14.32	23.81	13.82	27.21
	1650	18.98	3.60	18.29	7.20	17.66	10.79	16.96	14.39	16.23	17.99	15.79	21.59	15.42	25.19	14.92	28.78
	1750	20.2	3.82	19.52	7.63	18.89	11.45	18.19	15.26	17.46	19.08	17.02	22.9	16.65	26.71	16.15	30.53
	1850	21.43	4.03	20.74	8.07	20.12	12.10	19.42	16.14	18.69	20.17	18.25	24.21	17.88	28.24	17.38	32.27
125	780	11.73	2.49	10.57	4.97	9.79	7.46	8.94	9.94	8.51	12.43	7.88	14.92	7.82	17.4	7.17	19.89
	830	12.63	2.65	11.47	5.29	10.69	7.94	9.83	10.58	9.40	13.23	8.78	15.87	8.71	18.52	8.07	21.16
	880	13.53	2.80	12.37	5.61	11.59	8.41	10.73	11.22	10.3	14.02	9.67	16.83	9.61	19.63	8.97	22.44
	990	15.5	3.16	14.34	6.31	13.56	9.47	12.71	12.62	12.28	15.78	11.65	18.93	11.59	22.09	10.94	25.24
	1050	16.58	3.35	15.42	6.69	14.64	10.04	13.78	13.39	13.35	16.73	12.72	20.08	12.66	23.43	12.02	26.77
	1100	17.48	3.51	16.32	7.01	15.54	10.52	14.68	14.02	14.25	17.53	13.62	21.04	13.56	24.54	12.92	28.05
	1180	18.92	3.76	17.76	7.52	16.97	11.28	16.12	15.04	15.69	18.8	15.06	22.56	15.00	26.33	14.35	30.09
	1250	20.17	3.98	19.01	7.97	18.23	11.95	17.37	15.94	16.94	19.92	16.31	23.9	16.25	27.89	15.61	31.87
	1320	21.43	4.21	20.27	8.41	19.49	12.62	18.63	16.83	18.20	21.04	17.57	25.24	17.51	29.45	16.87	33.66
	1390	22.69	4.43	21.53	8.86	20.74	13.29	19.89	17.72	19.46	22.15	18.83	26.58	18.77	31.01	18.12	35.44
	1470	24.12	4.69	22.96	9.37	22.18	14.06	21.32	18.74	20.89	23.43	20.26	28.11	20.2	32.08	19.56	37.48
	1560	25.74	4.97	24.58	9.94	23.79	14.92	22.94	19.89	22.51	24.86	21.88	29.83	21.82	34.8	21.17	39.78
	1650	27.35	5.26	26.19	10.52	25.41	15.78	24.55	21.04	24.12	26.29	23.5	31.55	23.43	36.81	22.79	42.07
	1750	29.15	5.58	27.99	11.15	27.20	16.73	26.35	22.31	25.92	27.89	25.29	33.46	25.23	39.04	24.59	44.62
	1850	30.94	5.90	29.78	11.79	29.00	17.69	28.14	23.58	27.71	29.48	27.09	35.38	27.02	41.27	26.38	47.17
150	780	15.04	3.21	13.49	6.41	12.7	9.62	11.98	12.82	11.51	16.03	10.79	19.23	10.19	22.44	9.72	25.64
	830	16.20	3.41	14.65	6.82	13.86	10.23	13.13	13.64	12.66	17.06	11.95	20.47	11.35	23.88	10.88	27.29
	880	17.36	3.62	15.81	7.23	15.02	10.85	14.29	14.47	13.82	18.08	13.11	21.7	12.51	25.32	12.04	28.93
	990	19.90	4.07	18.35	8.14	17.56	12.21	16.84	16.27	16.37	20.34	15.65	24.41	15.05	28.48	14.58	32.55
	1050	21.29	4.32	19.74	8.63	18.95	12.95	18.23	17.26	17.76	21.58	17.04	25.89	16.44	30.21	15.97	34.52
	1100	22.45	4.52	20.9	9.04	20.11	13.56	19.38	18.08	18.91	22.60	18.20	27.12	17.60	31.64	17.13	36.17
	1180	24.3	4.85	22.75	9.70	21.96	14.55	21.23	19.4	20.77	24.25	20.05	29.10	19.45	33.95	18.98	38.80
	1250	25.92	5.14	24.37	10.27	23.58	15.41	22.86	20.55	22.39	25.69	21.67	30.82	21.07	35.96	20.6	41.10
	1320	27.54	5.42	25.99	10.85	25.2	16.27	24.48	21.7	24.01	27.12	23.29	32.55	22.69	37.97	22.22	43.40
	1390	29.16	5.71	27.61	11.42	26.82	17.14	26.10	22.85	25.63	28.56	24.91	34.27	24.31	39.99	23.84	45.70
	1470	31.02	6.04	29.46	12.08	28.68	18.12	27.95	24.17	27.48	30.21	26.76	36.25	26.17	42.29	25.69	48.33
	1560	33.10	6.41	31.55	12.82	30.76	19.23	30.03	25.64	29.56	32.06	28.85	38.47	28.25	44.88	27.78	51.29
	1650	35.18	6.78	33.63	13.56	32.84	20.34	32.11	27.12	31.65	33.91	30.93	40.69	30.33	47.47	29.86	54.25
	1750	37.50	7.19	35.95	14.38	35.16	21.58	34.43	28.77	33.96	35.96	33.24	43.15	32.65	50.34	32.18	57.54
	1850	39.81	7.60	38.26	15.21	37.47	22.81	36.74	30.41	36.28	38.01	35.56	45.62	34.96	53.22	34.49	60.82



Performance Table : RSS

Mode 1	Rpm	1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
200A	620	18.86	5.83	17.5	9.62	16.52	13.41	15.65	17.2	14.87	21.38	14.19	25.27	13.5	28.19	12.80	31.11
	660	20.22	6.12	18.95	10.3	17.98	14.19	17.11	18.27	16.33	22.36	15.65	26.24	14.97	30.13	14.30	34.02
	700	21.68	6.42	20.41	10.79	19.34	14.97	18.47	19.44	17.69	23.33	17.01	28.19	16.43	32.08	15.71	37.97
	740	23.13	6.90	21.77	11.37	20.8	15.94	19.93	20.40	19.14	25.30	18.47	29.20	17.89	31.00	17.22	38.8
	780	24.59	7.20	23.23	11.86	22.26	16.82	21.28	22.40	20.61	26.20	19.73	31.10	19.25	36.90	18.64	42.70
	830	26.34	7.58	24.98	12.73	24.01	17.79	23.13	23.33	22.36	28.19	21.68	33.05	21.09	38.88	20.43	44.71
	880	28.09	7.97	26.73	13.4	25.76	18.76	24.88	24.30	24.11	29.16	23.43	34.99	22.84	40.82	22.10	46.60
	930	29.94	8.36	28.58	14.09	27.89	19.44	26.73	25.27	25.95	31.10	25.27	36.94	24.59	42.77	23.92	48.70
	990	32.08	8.94	30.72	14.87	29.74	21.38	28.87	27.22	28.10	33.05	27.41	39.85	26.73	45.68	26.00	51.50
	1050	34.21	9.43	32.85	15.84	31.88	22.36	31.01	28.19	30.23	35.97	29.55	41.80	28.87	48.6	28.24	55.04
	1110	36.35	9.91	34.99	16.62	34.02	23.33	33.15	30.13	32.37	37.91	31.69	44.71	31.01	50.54	30.32	56.30
	1180	38.78	10.5	37.52	17.69	36.45	25.27	35.58	32.08	34.90	39.85	34.12	46.66	33.53	53.46	32.83	60.10
	1250	41.31	11.08	39.95	18.86	38.98	26.24	38.10	34.02	37.33	41.80	36.64	49.57	36.06	57.35	35.41	65.00
	1320	43.84	11.66	42.48	19.44	41.41	28.19	40.63	36.94	39.85	44.71	39.17	52.49	38.49	60.26	37.80	68.10
	1390	46.27	13.34	45.00	20.41	43.93	29.16	43.06	37.91	42.28	46.66	41.60	55.40	41.02	63.18	40.31	71.00
200	620	24.30	7.00	22.60	11.90	21.20	16.80	20.10	22.00	19.20	26.00	18.20	32.00	17.40	37.00	16.70	42.00
	660	26.10	7.50	24.40	12.70	23.10	17.90	22.00	23.00	21.00	28.00	20.10	34.00	19.30	39.00	18.60	44.00
	700	27.90	7.90	26.20	13.40	24.90	18.90	23.80	24.00	22.80	30.00	21.90	37.00	21.10	42.00	20.30	47.00
	740	29.80	8.30	28.10	14.10	26.70	20.00	25.60	26.00	24.70	31.00	23.70	38.00	23.00	44.00	22.30	50.00
	780	31.60	8.70	29.90	14.90	28.60	21.00	27.50	27.00	26.50	33.00	25.60	40.00	24.80	46.00	24.10	52.00
	830	33.90	9.40	32.20	15.90	30.80	23.00	29.70	29.00	28.70	37.00	27.90	43.00	27.10	49.00	26.40	55.00
	880	36.20	10.00	34.40	16.90	33.10	24.00	32.00	31.00	31.10	39.00	30.20	45.00	29.40	52.00	28.70	59.00
	930	38.50	10.40	36.80	17.70	35.40	25.00	34.30	32.00	33.40	40.00	32.50	47.00	31.70	54.00	31.00	61.00
	990	41.20	11.00	39.50	18.80	38.20	26.00	37.10	34.00	36.10	43.00	35.20	50.00	34.40	58.00	33.70	66.00
	1050	44.00	11.60	42.30	20.00	40.90	28.00	39.80	37.00	38.90	45.00	38.00	53.00	37.20	61.00	36.50	69.00
	1110	46.70	12.20	45.00	21.00	43.70	30.00	42.60	39.00	41.60	48.00	40.70	56.00	39.80	65.00	39.20	74.00
	1180	49.90	13.10	48.20	22.00	46.90	31.00	45.80	41.00	44.80	50.00	43.90	59.00	43.10	68.00	42.40	77.00
	1250	53.10	13.80	51.40	24.00	50.10	33.00	49.00	44.00	48.00	53.00	47.10	63.00	46.30	72.00	45.60	83.00
	1320	56.30	14.50	54.60	25.00	53.30	35.00	52.20	46.00	51.20	56.00	50.30	66.00	49.50	77.00	48.80	88.00
	1390	59.50	15.20	57.80	26.00	56.50	38.00	55.40	48.00	54.40	59.00	53.60	70.00	52.70	81.00	51.67	92.00
250	620	33.00	9.11	31.00	15.65	29.50	22.51	28.20	30.02	27.00	35.38	25.90	42.88	25.40	48.24	24.50	53.06
	660	35.50	9.76	33.50	16.62	32.00	23.58	30.60	31.09	29.50	37.52	28.40	45.02	27.40	50.38	26.50	55.74
	700	37.80	10.29	35.90	17.69	34.30	25.73	33.00	32.16	32.00	40.74	30.90	48.24	29.90	54.67	29.20	61.10
	740	40.30	10.83	38.40	18.65	36.80	26.80	35.50	34.30	34.30	42.88	33.30	50.38	32.40	57.89	31.60	65.40
	780	42.80	11.36	40.70	19.72	39.20	27.87	38.00	36.45	36.80	45.02	35.80	52.53	34.80	61.10	34.00	69.67
	830	45.90	12.00	43.8	20.90	42.20	30.00	41.00	38.60	39.90	48.24	38.80	55.74	37.80	64.32	37.00	72.90
	880	48.90	12.65	46.90	22.51	45.30	31.10	44.10	40.74	42.90	50.38	41.90	58.96	41.00	68.61	40.00	78.26
	930	52.00	13.40	50.00	23.58	48.50	32.16	47.30	42.88	46.00	52.53	44.90	62.18	44.23	71.82	43.50	81.46
	990	55.60	14.15	53.60	24.66	52.10	34.30	50.80	46.10	49.60	55.74	48.70	66.46	47.70	77.18	46.50	87.90
	1050	59.30	15.00	57.40	25.73	55.70	36.45	54.50	48.24	53.30	59	52.30	69.88	51.40	81.47	50.60	93.06
	1110	63.00	15.75	61.00	27.87	59.40	39.66	58.10	51.46	57.00	62.18	56.00	73.97	55.00	85.76	54.20	97.55
	1180	67.20	16.72	65.30	28.94	63.70	41.80	62.40	54.67	61.30	66.46	60.30	79.33	59.30	91.12	58.40	102.90
	1250	71.50	17.80	69.60	31.09	68.00	45.02	66.70	58.81	65.50	69.68	64.50	83.62	63.60	96.48	62.70	109.30
	1320	75.80	18.76	73.90	32.16	72.30	47.17	71.00	60.00	69.80	73.97	68.80	87.90	67.90	101.48	67.10	115.10
	1390	80.10	19.72	78.00	34.30	76.50	49.31	75.50	63.25	74.10	78.26	73.10	93.26	72.00	108.30	71.20	123.30
	1480	91.10	21.70	89.40	38.50	89.90	51.20	86.40	69.00	84.90	84.70	83.70	100.00	82.10	117.00	80.70	134.00

Performance Table : RSS

Mode 1	Rpm	1000mmAq		2000mmAq		3000mmAq		4000mmAq		5000mmAq		6000mmAq		7000mmAq		8000mmAq	
		Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
300A	700	51.6	14.1	49.0	24.2	46.9	35.1	45.1	44.0	43.7	55.7	42.2	65.9	40.7	76.1		
	850	63.9	17.0	60.7	29.2	58.0	42.6	55.9	53.3	54.1	67.7	52.3	80.0	50.4	92.3		
	1000	76.8	19.5	74.0	34.0	72.0	47.3	70.1	63.7	68.7	76.9	67.3	92.6	65.8	108.3		
	1150	90.0	22.5	86.7	39.1	84.4	54.4	82.1	73.2	80.7	88.4	78.9	106.4	77.2	124.4		
	1300	101.6	25.1	99.0	43.1	96.9	63.2	95.1	80.4	93.5	99.1	92.2	117.8	90.9	136.4		
	1450	115.5	28.0	112.6	48.1	110.1	70.5	108.3	89.7	106.4	110.6	104.8	134.0	103.2	157.5		
	1550	126.0	30.0	120.5	51.4	120.1	75.4	117.9	95.9	115.6	122.4	114.2	146.1	112.7	169.8		
300	600	71.2	18.1	68.0	33.8	65.3	48.1	62.6	61.4	60.5	73.6	58.5	84.9	56.8	95.5	55.3	105.2
	700	85.5	20.8	81.4	39.2	78.7	55.9	76.0	71.4	73.9	85.6	71.9	98.8	70.2	111.1	68.7	122.5
	800	98.5	23.7	94.8	44.7	92.1	63.8	89.4	81.4	87.3	97.7	85.3	112.7	83.6	126.8	82.1	139.8
	900	111.5	26.6	108.2	50.1	105.6	71.6	102.9	91.4	100.8	109.7	98.8	126.7	97.1	142.4	95.6	157.1
	1000	124.5	29.6	121.6	57	118.9	80.9	116.2	102.9	114.1	123.3	112.1	142.1	110.4	159.6	108.9	176
	1100	138.1	34.5	135.1	63.9	132.4	90.2	129.7	114.4	127.6	136.8	125.6	157.6	123.9	176.9	122.4	194.8
	1200	151.7	39.5	148.5	70.8	145.8	99.5	143.1	125.9	141	150.4	139	171.9	137.3	194.1	135.8	213.7
	1300	165.3	44.5	162.1	83.6	159.4	108.8	156.7	137.4	154.6	164	152.6	188.4	150.9	211.3	149.4	232.6
	1400	178.0	47.9	174.6	90	171.7	117.2	168.8	148	166.5	176.6	164.3	202.9	162.5	227.6	160.9	250.5

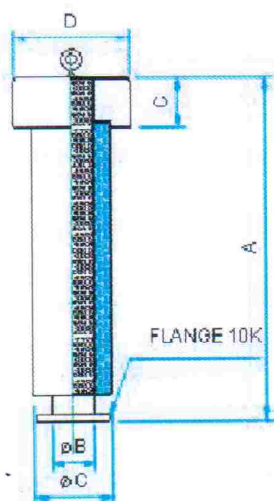
Qs = m³/min

La = Kw

N = Hp

Accessories Drawings

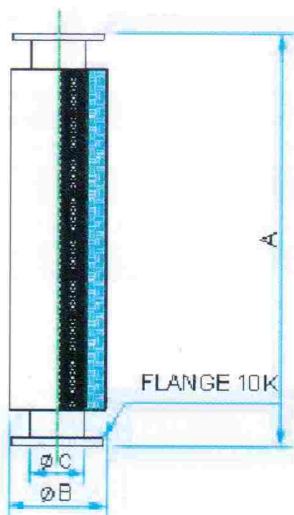
Inlet Silencer :



TYPE	A	φ B	φ C	D	E	Flange	FITTING MODEL
SS50	546	60	140	220	80	JIS 2" 10K	RSS-50
SS65	548	76	165	235	85	JIS 2½" 10K	RSS-65
SS80	818	89	217	310	145	JIS 3" 10K	RSS-80
SS100	818	114	240	350	160	JIS 4" 10K	RS-100
SS125	1310	139	280	400	185	JIS 5" 10K	RSS-125;RSS-125A
SS150	1312	165	300	450	190	JIS 6" 10K	RS-150
SS200	1500	216	400	500	210	JIS 8" 10K	RSS-200;RSS-200A
SS250	1700	267	400	500	210	JIS 10" 10K	RSS-250
SS300	1824	319	550	560	210	JIS 12" 10K	RSS-300

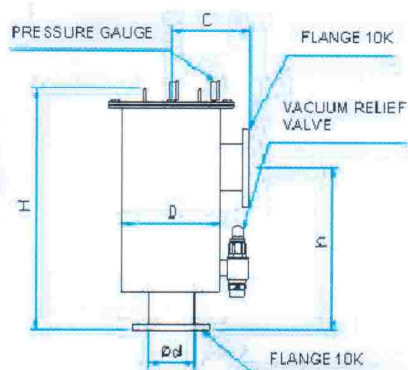
Accessories Drawings

Outlet Silencer :



TYPE	A	$\varnothing B$	$\varnothing C$	Flange	FITTING MODEL
DS50	592	60	140	JIS 2" 10K	RSS-50
DS65	596	76	165	JIS 2½" 10	RSS-65
DS80	796	89	217	JIS 3" 10K	RSS-80
DS100	796	114	240	JIS 4" 10K	RSS-100
DS125	1260	139	280	JIS 5" 10K	RSS-125;RSS-125A
DS150	1264	165	300	JIS 6" 10K	RSS-150
DS200	1644	216	400	JIS 8" 10K	RSS-200;RSS-200A
DS250	1748	267	400	JIS 10" 10K	RSS-250
DS300	1848	319	550	JIS 12" 10K	RSS-300

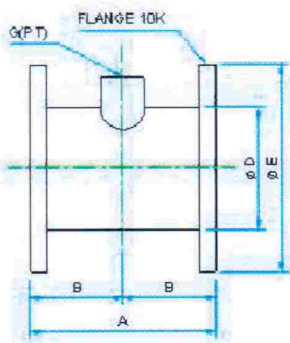
Suction Filter Tank (for RSV) :



TYPE	H	h	C	$\varnothing D$	$\varnothing d$	Flange	FITTING MODEL
FT50	530	340	222	244	60	JIS 2" 10K	RSV-50
FT65	630	440	222	244	76	JIS 2½" 10K	RSV-65
FT80	730	525	222	244	89	JIS 3" 10K	RSV-80
FT100	730	525	240	285	114	JIS 4" 10K	RSV-100
FT125	730	505	280	360	139	JIS 5" 10K	RSV-125;RSV-125A
FT150	880	595	280	360	165	JIS 6" 10K	RSV-150
FT200	1000	650	335	470	216	JIS 8" 10K	RSV-200;RSV-200A
FT250	1200	800	335	470	267	JIS 10" 10K	RSV-250
FT300	1400	1000	405	600	319	JIS 12" 10K	RSV-300

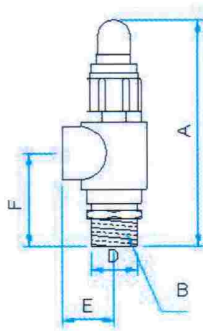
Accessories Drawings

T-Joint :



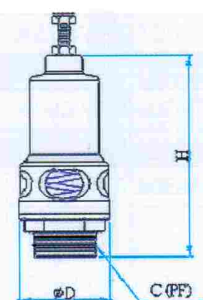
TYPE	A	B	ϕ D	ϕ E	G	Flange	FITTING MODEL
HJ50	150	75	60.5	155	1 1/4"	JIS 2" 10K	RSS-50
HJ65	150	75	76.3	175	1 1/4"	JIS 2 1/2" 10K	RSS-65
HJ80	180	90	89.1	185	1 1/4"	JIS 3" 10K	RSS-80
HJ100	180	90	114.3	210	1 1/4"	JIS 4" 10K	RSS-100
HJ125	250	125	131.8	250	1 1/4"	JIS 5" 10K	RSS-125;RSS125A
HJ150	250	125	165.2	280	1 1/4"	JIS 6" 10K	RSS-150
HJ200	250	125	216.3	330	1 1/4"	JIS 8" 10K	RSS-200;RS-200A
HJ250	250	125	267.4	400	1 1/4"	JIS 10" 10K	RSS-250
HJ300	300	150	318.5	445	1 1/4"	JIS 12" 10K	RSS-300

Vacuum Relief Valve:



TYPE	A	B	C	D	E	F	WT (kg)	FITTING MODEL
VSV 1 1/4"	208	1 1/4"	1 1/4"	32	51	83	1.87	RSS-40,50,65,80
VSV 2"	266	2"	2"	50	67	103	3.91	RSS-100,125,150,200,200A,250,300,300A

Safety Valve :



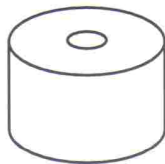
TYPE	H	ϕ D	C	FITTING MODEL
PP 1 1/4"	182	71.5	1 1/4"	RSS-40,50,65
PP 2"	197	85	2"	RSS-80,100,125,150
PP3"	221	115	3"	RSS-200,200A,250,300

Accessories Drawings

Check Valve :

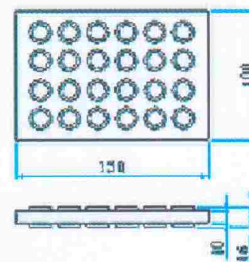
FITTING MODEL	φA	φa	B
RSS-40,50	101	26	20
RSS-65	124.5	36	24
RSS-80	133	45	24
RSS-100	157	65	22
RSS-125,RSS-125A	187	88	24
RSS-150	217	110	29
RSS-200,RSS-200A	269	138	27
RSS-250	330	186	27
RSS-300	380	212	32

Vibration Isolator :



50mm × 75mm

FITTING MODEL: RSS-40,50,65,80,100



FITTING MODEL: RSS-125,125A,150,200,200A,250,300



RSS-TYPE



EV-TYPE



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