

MADAN
TECHNOLOGIES



BLOWERS CATALOG

RENOVA

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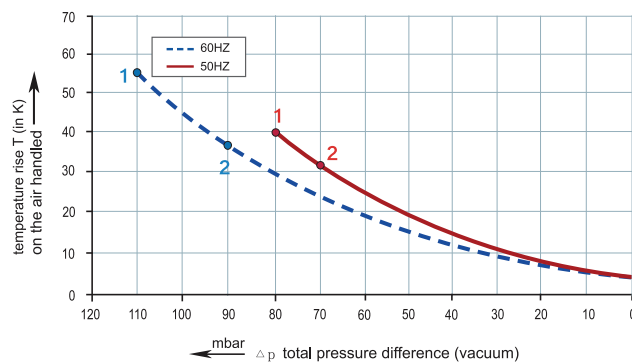
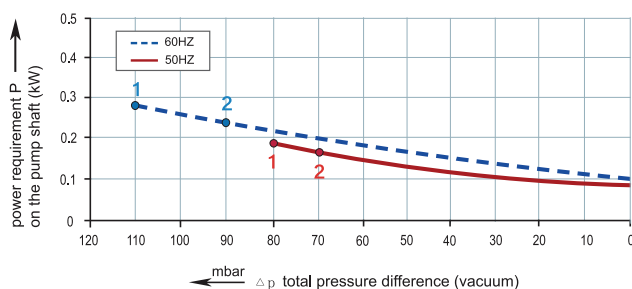
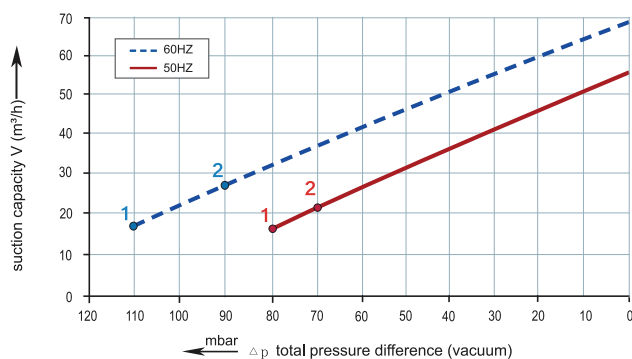
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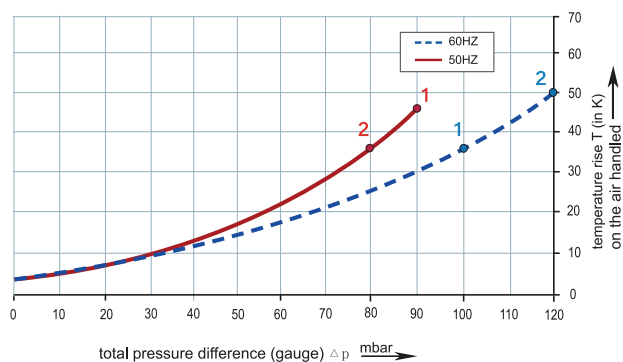
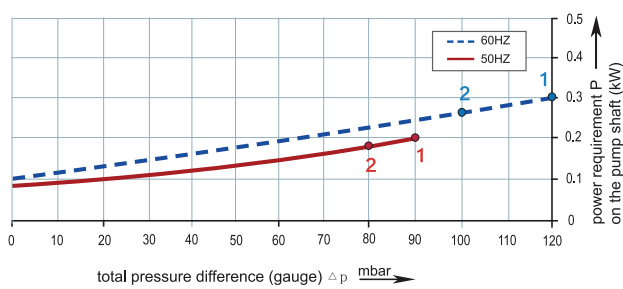
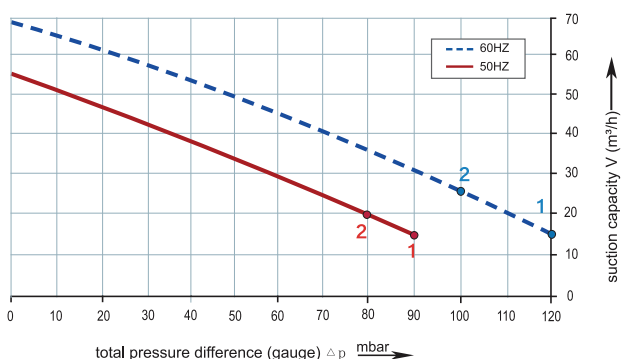
1RSC 20-32

Performance curve for Vacuum pump



1RSC 20-32

Performance curve for Compressor

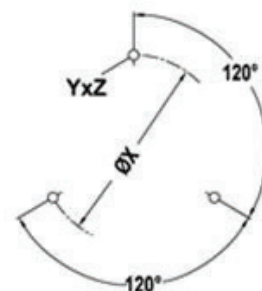
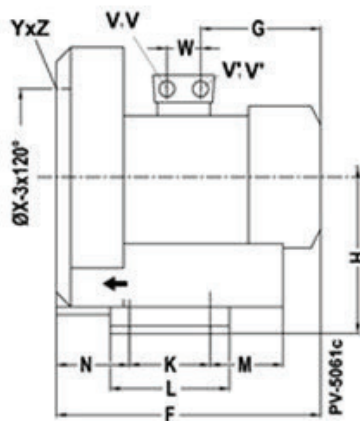
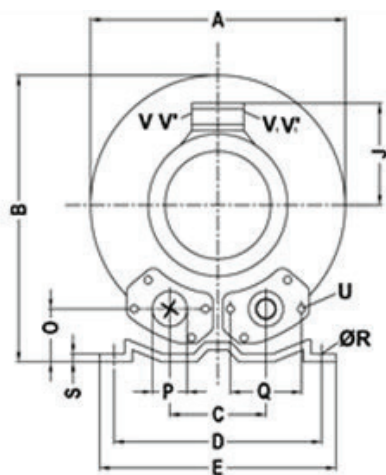


The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 20-32

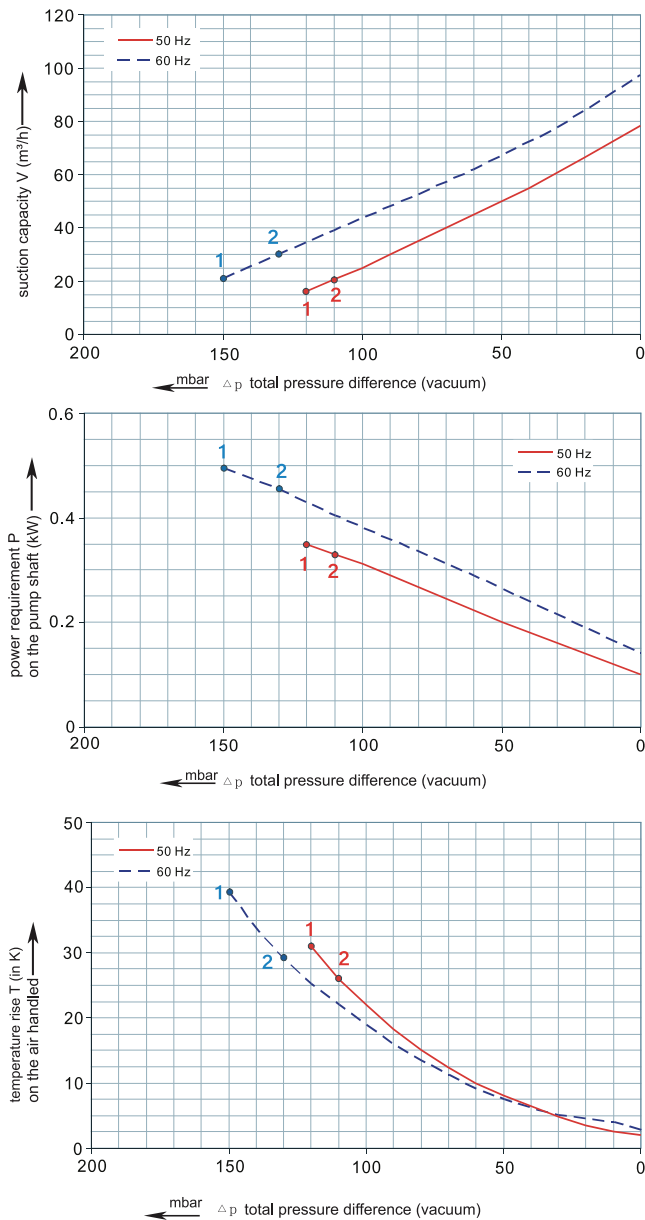
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC20/32 0.2T	50	0.20	55	-80	90	200-240Δ/ 345-415Y	1.3Δ/ 0.7Y	G 1"	46	5
		60	0.23	68	-110	120	220-275Δ/ 380-480Y	1.5Δ/ 0.9Y		48	
2	1RSC20/32 0.2M	50	0.20	55	-70	80	115 / 230	3.0 / 1.5	G 1"	46	6
		60	0.23	68	-90	100	115 / 230	3.2 / 1.6		48	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSC20/32 0.2T	190	203	72	155	172	242	124	102	101	80	101	108	53	30	G 1"
1RSC20/32 0.2M	190	203	72	155	172	242	124	102	101	80	101	108	53	30	G 1"

1RSC 24-32

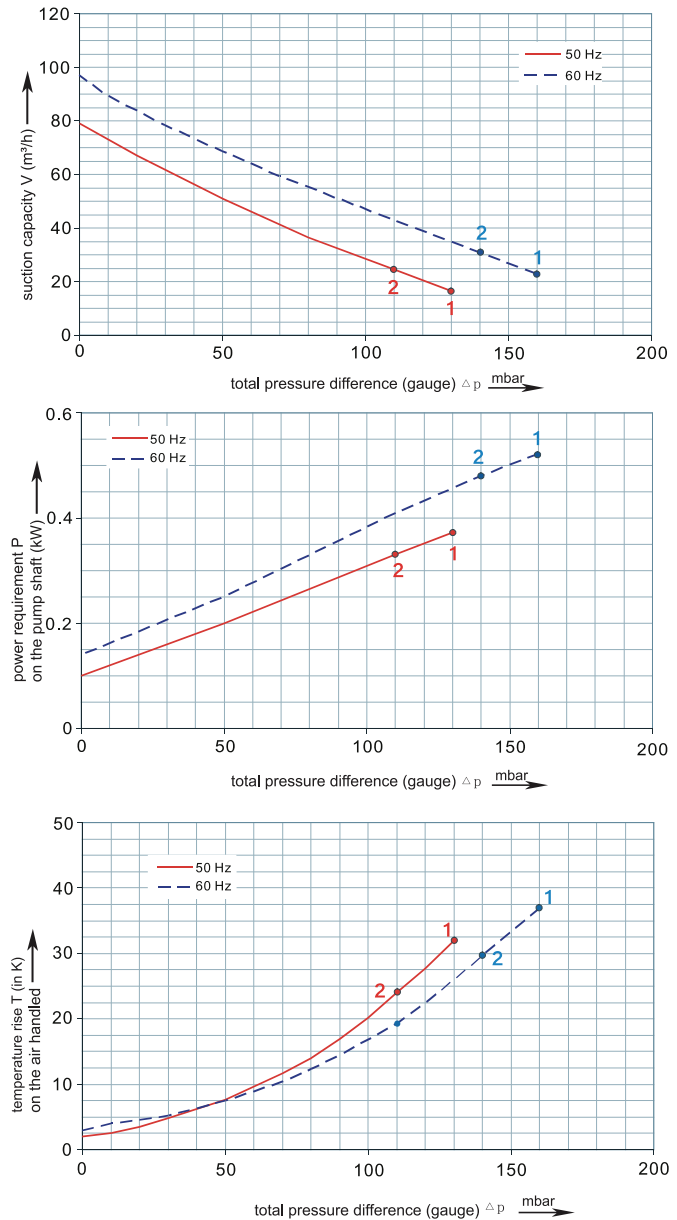
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

1RSC 24-32

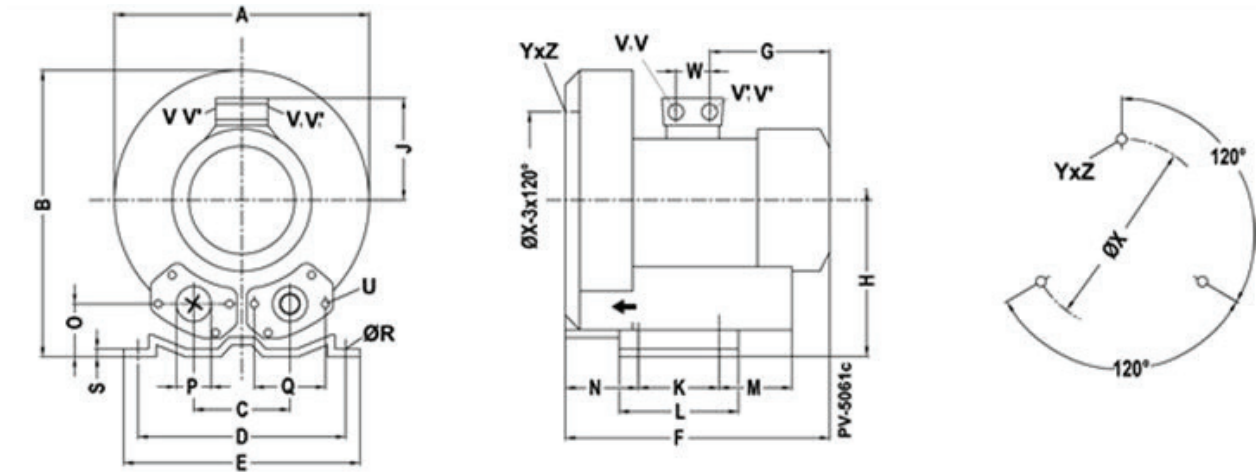
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 24-32

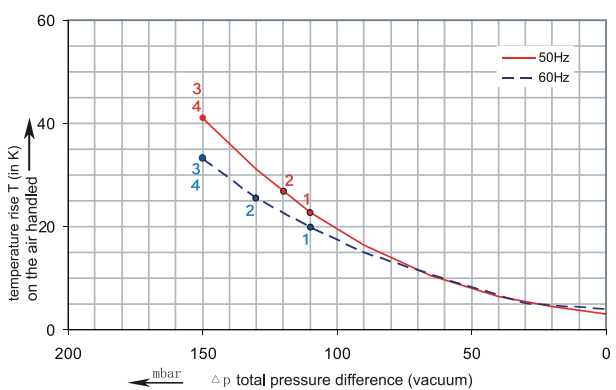
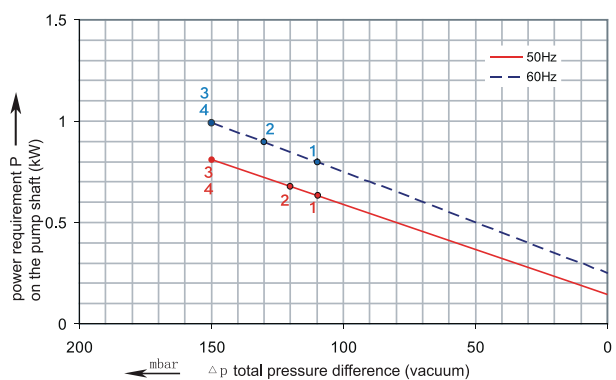
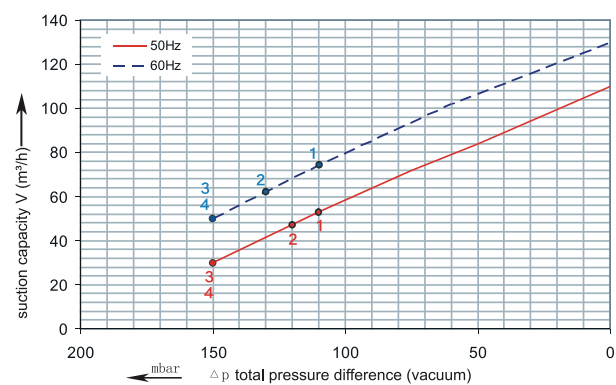
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC24/32 0.4T	50	0.40	80	-120	130	200-240Δ / 345-415Y	2.6Δ / 1.5Y	G 1¼"	53	10
		60	0.5	98	-150	160	220-275Δ / 380-480Y	2.6Δ / 1.5Y		56	
2	1RSC24/32 0.4M	50	0.37	80	-110	110	115 / 230	5.4 / 2.7	G 1¼"	53	11
		60	0.45	96	-130	140	115 / 230	6.4 / 3.2		56	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSC24/32 0.4T	246	247	90	205	230	256	135	128	111	83	108	75	71	39	1¼"
1RSC24/32 0.4M	246	247	90	205	230	256	135	128	111	83	108	75	71	39	1¼"

1RSC 27-32

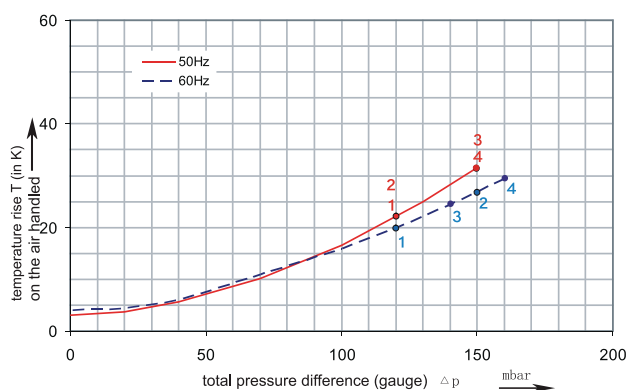
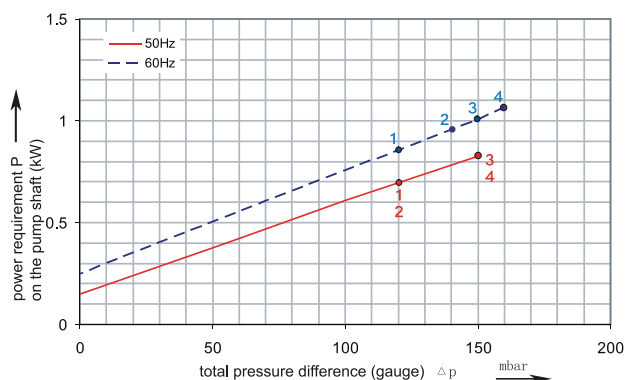
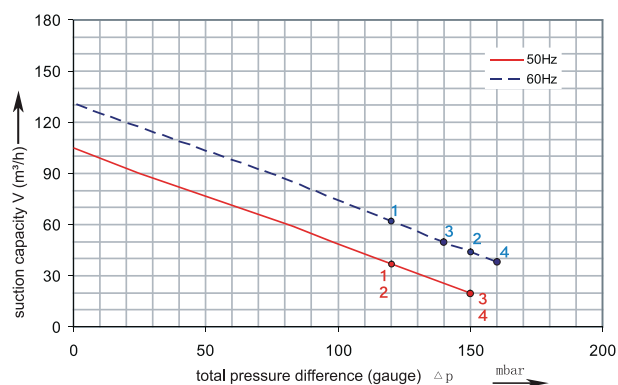
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

1RSC 27-32

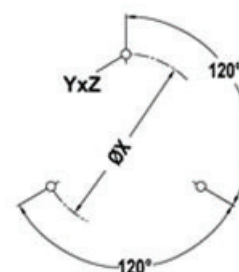
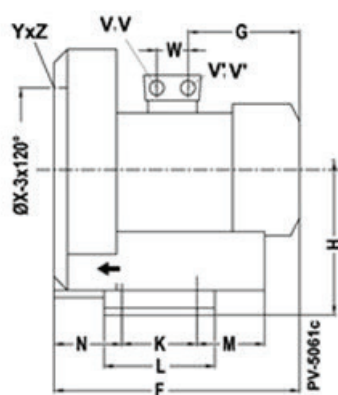
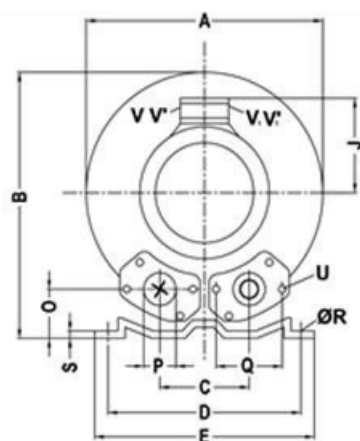
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 27-32

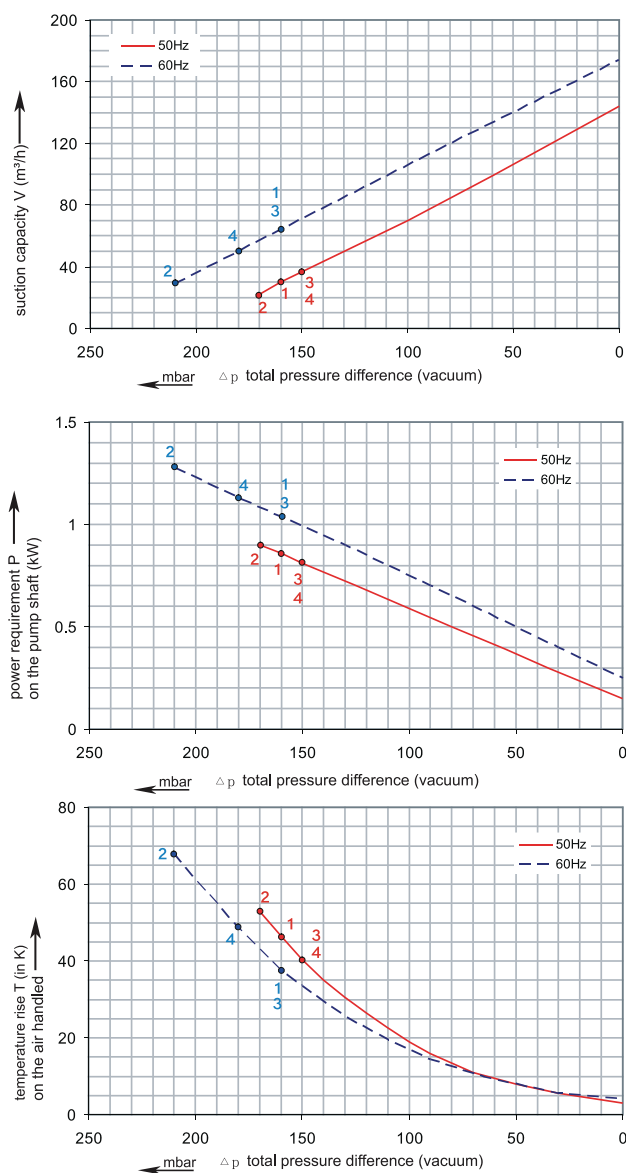
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC27/32 0.5T	50	0.55	100	-110	120	200-240Δ / 345-415Y	2.8Δ / 1.6Y	G 1¼"	55	11
		60	0.63	120	-110	120	220-275Δ / 380-480Y	3.0Δ / 1.7Y		57	
2	1RSC27/32 0.5M	50	0.55	100	-120	120	115 / 230	7.4Δ / 3.7	G 1¼"	55	13
		60	0.62	120	-130	150	115 / 230	9.0Δ / 4.5		57	
3	1RSC27/32 0.7T	50	0.70	100	-150	150	200-240Δ / 345-415Y	3.8Δ / 2.2Y	G 1¼"	55	12
		60	0.83	120	-150	140	220-275Δ / 380-480Y	3.7Δ / 2.1Y		57	
4	1RSC27/32 0.7M	50	0.70	100	-150	150	115 / 230	9.6 / 4.8	G 1¼"	55	14
		60	0.8	120	-150	160	115 / 230	8.2 / 4.1		57	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSC27/32 0.5T	268	272	93	205	230	260	135	141	111	83	108	82	69	41	1¼"
1RSC27/32 0.5M	268	272	93	205	230	260	135	141	111	83	108	82	69	41	1¼"
1RSC27/32 0.7T	268	272	93	205	230	260	135	141	111	83	108	82	69	41	1¼"
1RSC27/32 0.7M	268	272	93	205	230	260	135	141	111	83	108	82	69	41	1¼"

1RSC 29-40

Performance curve for Vacuum pump



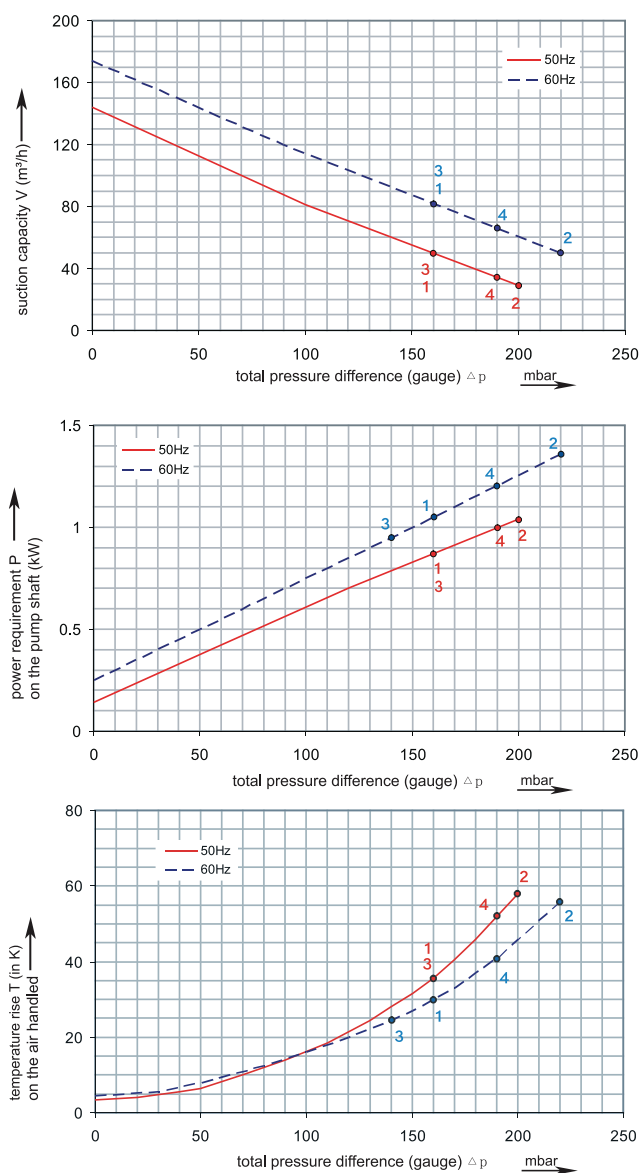
The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %.

The total pressure differences are valid for suction and ambient temperatures up to 25 °C.

For other conditions please confer with us.

1RSC 29-40

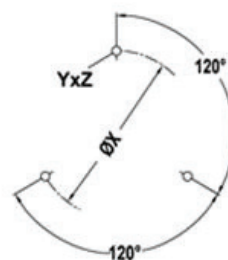
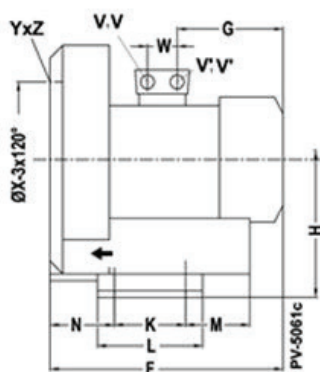
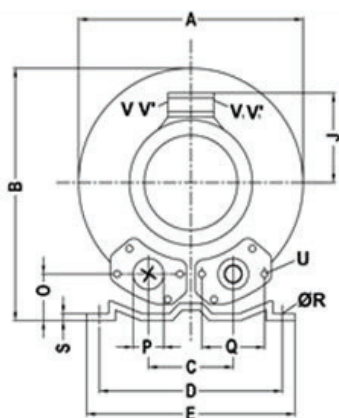
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 29-40

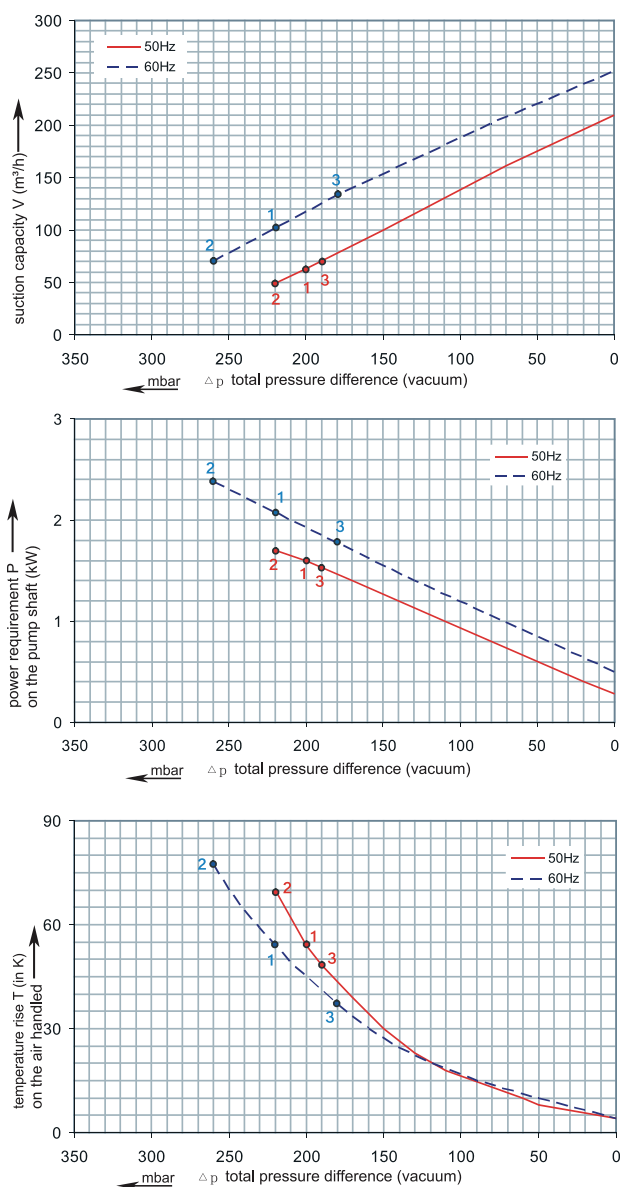
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC29/40 0.85T	50	0.85	145	-160	160	200-240Δ / 345-415Y	4.2Δ / 2.4Y	G 1½"	63	16
		60	0.95	175	-160	160	220-275Δ / 380-480Y	4.0Δ / 2.3Y		64	
2	1RSC29/40 1.3T	50	1.3	145	-170	200	200-240Δ / 345-415Y	5.7Δ / 3.3Y	G 1½"	63	17
		60	1.5	175	-210	220	220-275Δ / 380-480Y	5.7Δ / 3.3Y		64	
3	1RSC29/40 0.85M	50	0.8	145	-150	160	115 / 230	10.4 / 5.2	G 1½"	63	15
		60	0.9	175	-160	140	115 / 230	11.6 / 5.8		64	
4	1RSC29/40 1.1M	50	1.1	145	-180	190	115 / 230	14.6 / 7.3	G 1½"	63	16
		60	1.3	175	-180	190	115 / 230	16.6 / 8.3		64	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSC29/40 0.85T	286	302	115	225	255	292	160	154	120	95	130	70	75	46	1½"
1RSC29/40 1.3T	286	302	115	225	255	292	160	154	120	95	130	70	75	46	1½"
1RSC29/40 0.85M	286	302	115	225	255	294	160	154	120	95	130	70	75	46	1½"
1RSC29/40 1.1M	286	302	115	225	255	294	160	154	120	95	130	70	75	46	1½"

1RSC 33-50

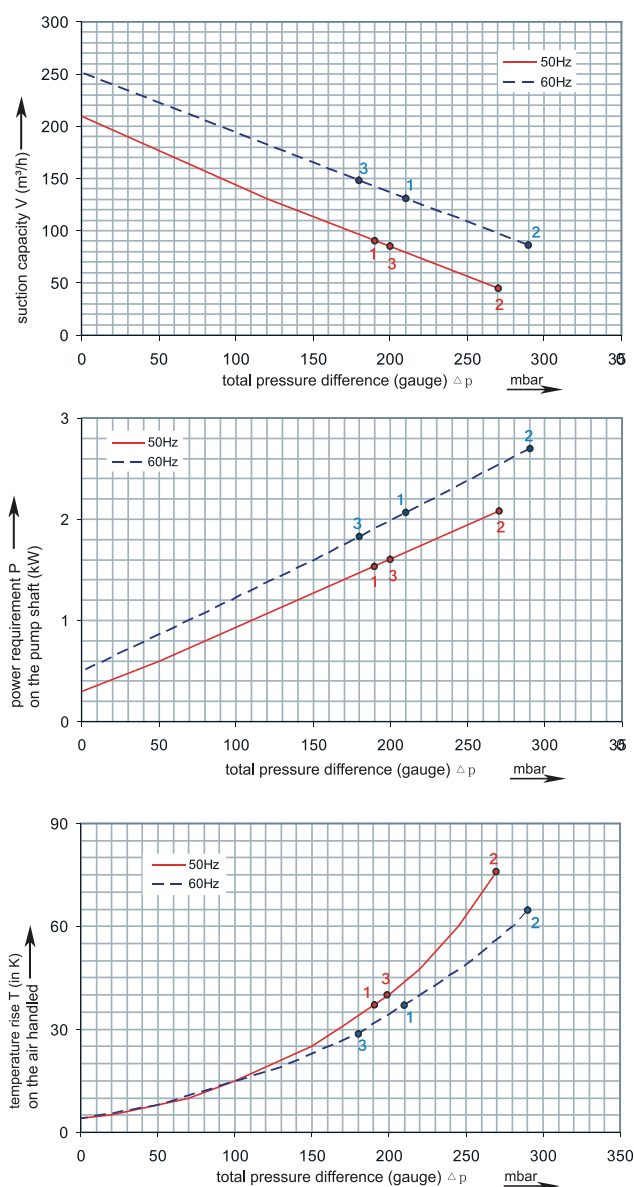
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %.
The total pressure differences are valid for suction and ambient temperatures up to 25 °C.
For other conditions please confer with us

1RSC 33-50

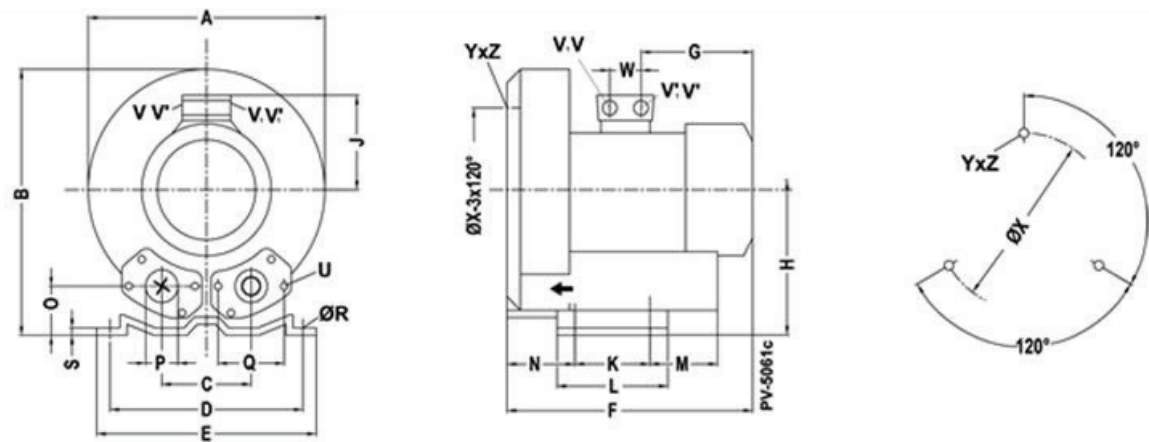
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 33-50

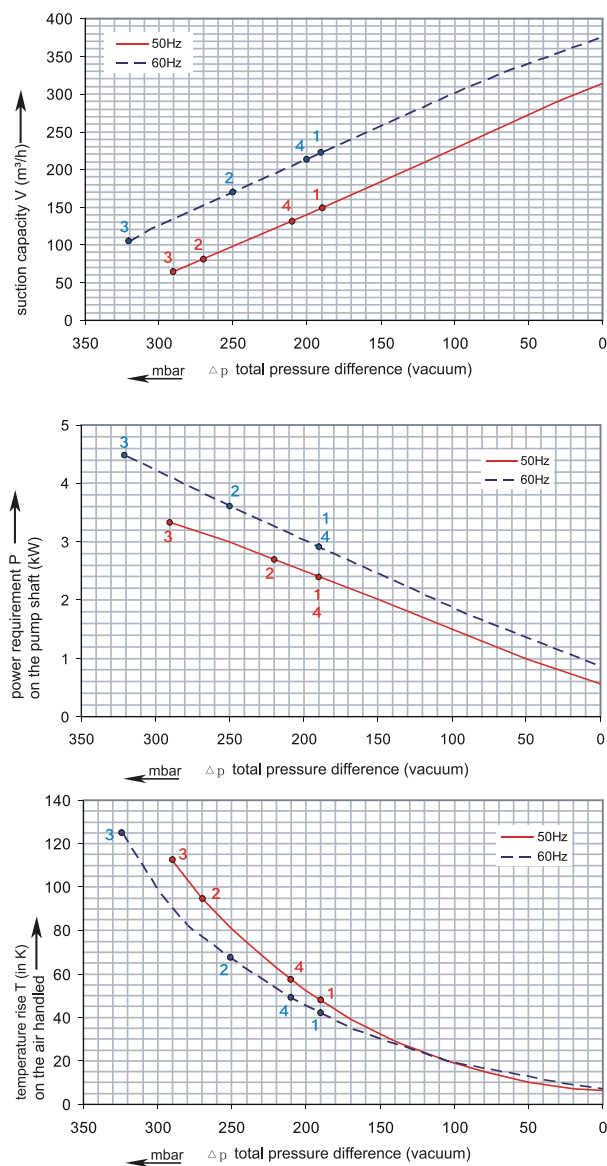
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC33/50 1.5T	50	1.6	210	-200	190	200-240Δ / 345-415Y	7.5Δ / 4.3Y	G 2"	64	23
		60	2.1	255	-220	210	220-275Δ / 380-480Y	7.6Δ / 4.4Y		70	
2	1RSC33/50 2.2T	50	2.2	210	-220	270	200-240Δ / 345-415Y	9.7Δ / 5.6Y	G 2"	64	25
		60	2.55	255	-260	290	220-275Δ / 380-480Y	10.0Δ / 5.8Y		70	
3	1RSC33/50 1.5M	50	1.5	210	-190	200	115 / 230	22.0 / 11.0	G 2"	64	26
		60	1.75	255	-180	180	115 / 230	24.0 / 12.0		70	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSC33/50 1.5T	334	337	120	260	295	346	191	175	128	115	155	96	87	48	2"
1RSC33/50 2.2T	334	337	120	260	295	346	191	175	128	115	155	96	87	48	2"
1RSC33/50 1.5M	334	337	120	260	295	346	191	175	128	115	155	96	87	48	2"

1RSC 38-50

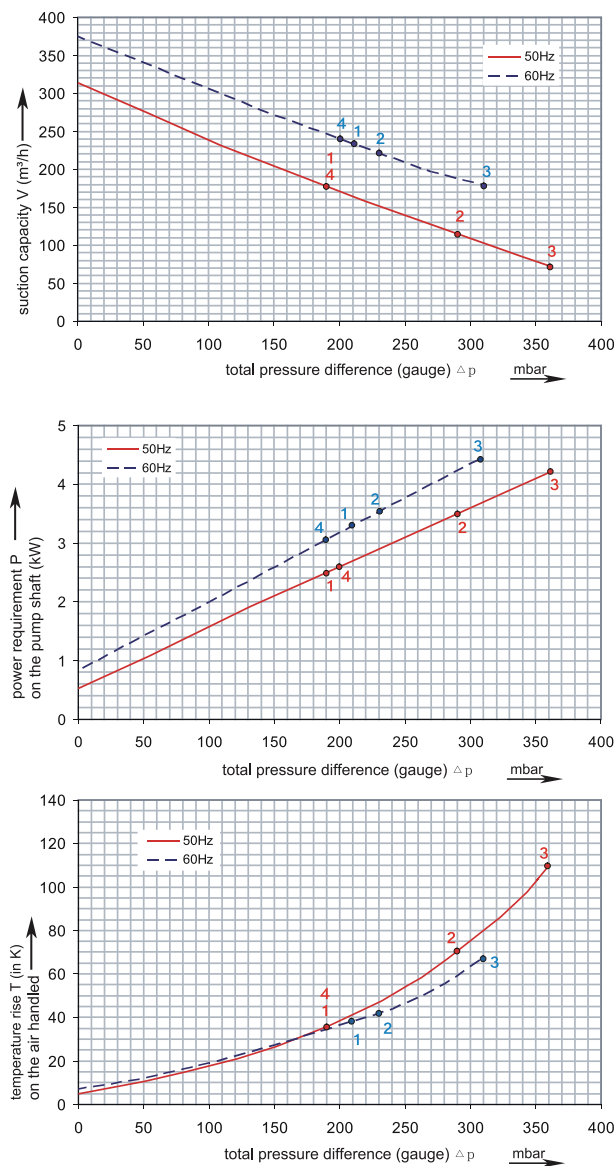
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

1RSC 38-50

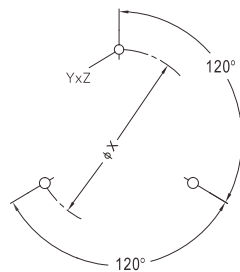
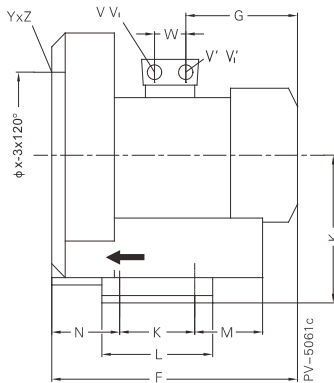
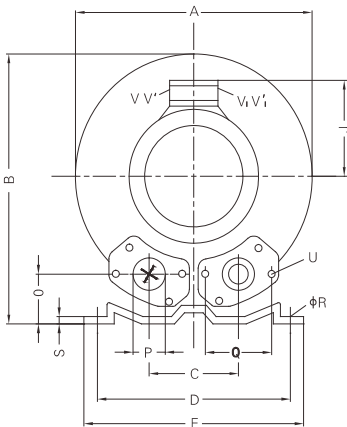
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 38-50

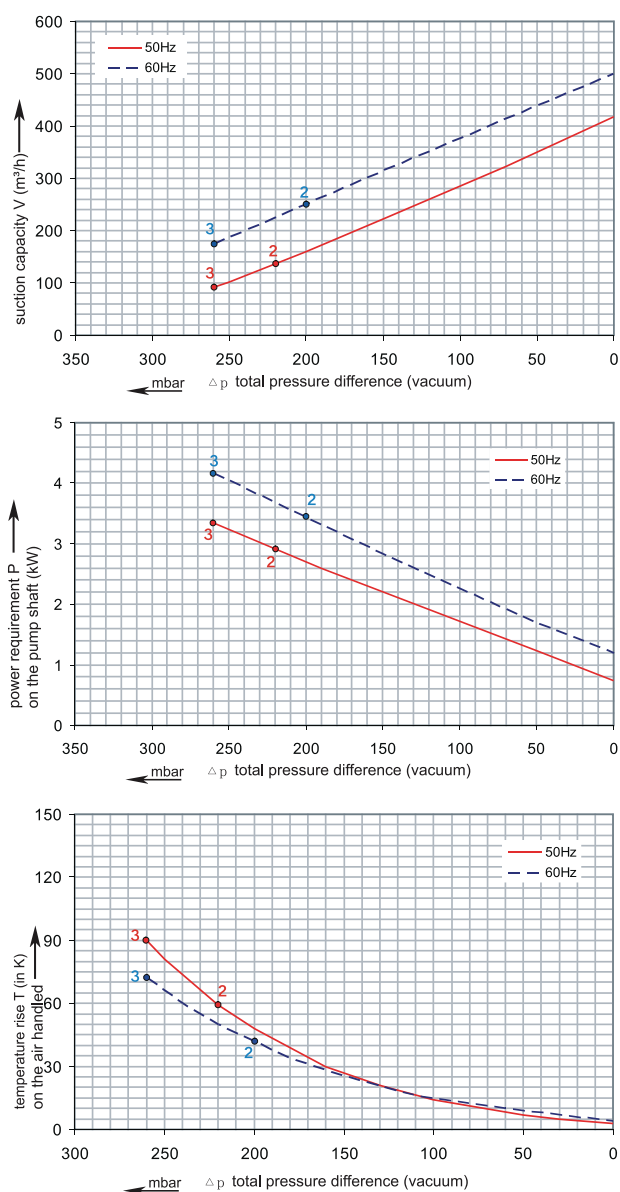
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC38/50 2.2T	50	2.20	318	-190	190	200-240Δ/ 345-415Y	9.7Δ/ 5.6Y	G 2"	69	30
		60	2.55	376	-190	190	220-275Δ/ 380-480Y	10.0Δ/ 5.8Y		72	
2	1RSC38/50 3.0T	50	3.00	318	-260	270	200-240Δ/ 345-415Y	12.5Δ/ 7.2Y	G 2"	69	36
		60	3.45	376	-240	230	220-275Δ/ 380-480Y	12.6Δ/ 7.3Y		72	
3	1RSC38/50 4.0T	50	4.00	318	-290	360	345-415Δ/ 600-690Y	9.5Δ/ 5.5Y	G 2"	69	40
		60	4.6	376	-320	310	380-480Δ/ 660-720Y	9.5Δ/ 5.5Y		72	
4	1RSC38/50 2.2M	50	2.20	318	-190	190	230	12.8	G 2"	72	30
		60	2.55	376	-190	200	230	12.8		74	



1RSC38/50 2.2T	382	384	125	290	325	377	191	197	128	140	180	84	109	54	2"
1RSC38/50 3.0T	382	384	125	290	325	409	188	197	135	140	180	84	109	54	2"
1RSC38/50 4.0T	382	384	125	290	325	432	209	197	148	140	180	84	109	54	2"
1RSC38/50 2.2M	382	384	125	290	325	404	218	197	128	140	180	84	109	54	2"

1RSCB 38-50

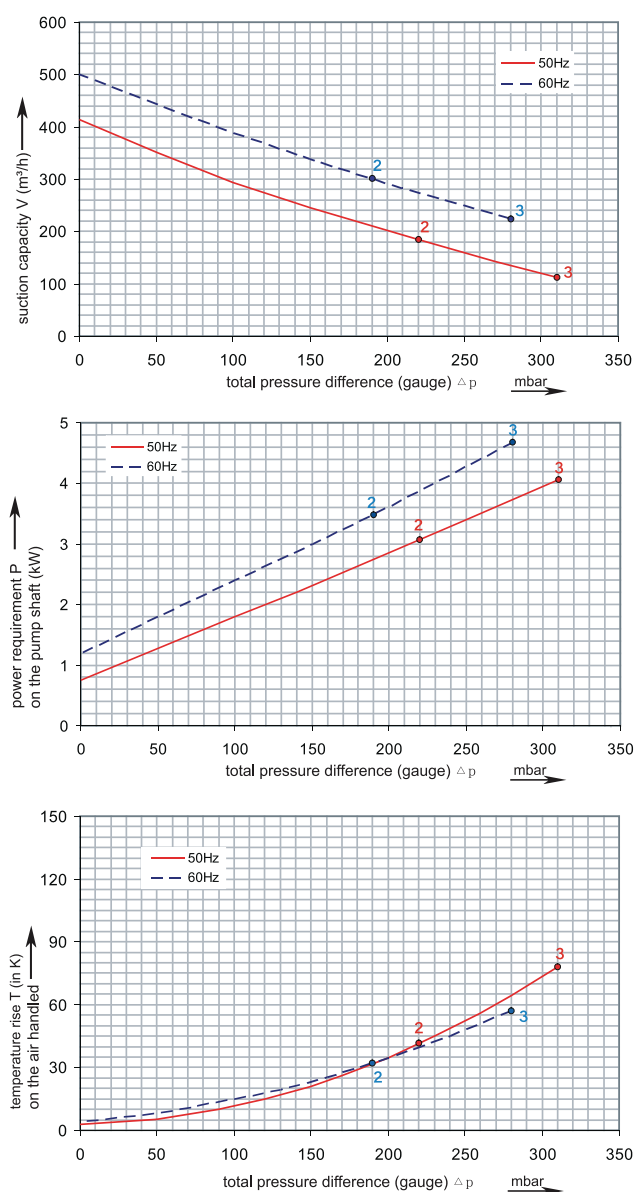
Performance curve for Vacuum pump



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1RSCB 38-50

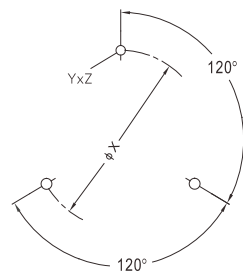
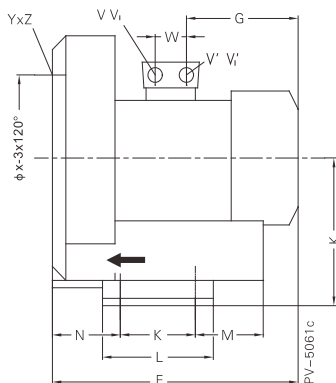
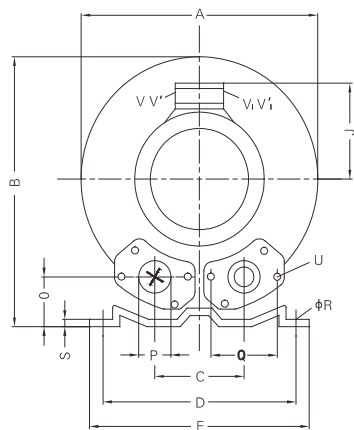
Performance curve for Compressor



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1RSCB 38-50

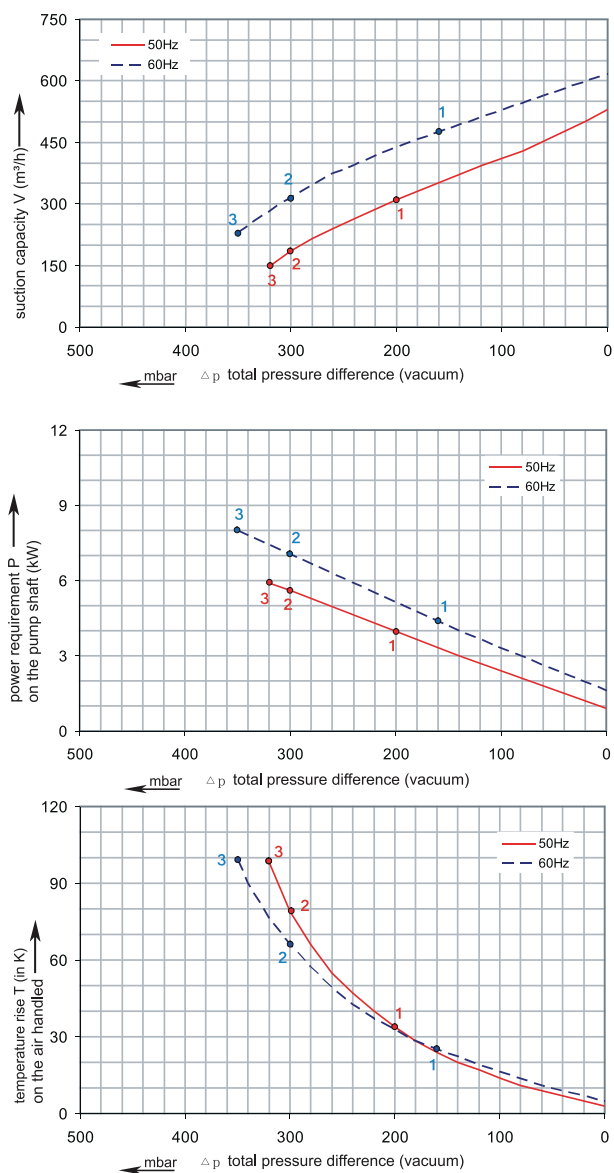
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSCB38/50 3.0T	50	3.00	420	-220	200	200-240Δ / 345-415Y	12.5Δ / 7.2Y	G 2"	70	37
		60	3.45	500	-200	170	220-275Δ / 380-480Y	12.6Δ / 7.3Y		73	
2	1RSCB38/50 4.0T	50	4.00	420	-260	280	345-415Δ / 600-690Y	9.5Δ / 5.5Y	G 2"	70	43
		60	4.6	500	-260	260	380-480Δ / 660-720Y	9.5Δ / 5.5Y		73	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSCB38/50 3.0T	382	384	125	290	325	419	189	197	135	140	180	84	109	54	2"
1RSCB38/50 4.0T	382	384	125	290	325	432	209	197	148	140	180	84	109	54	2"

1RSC 45-65

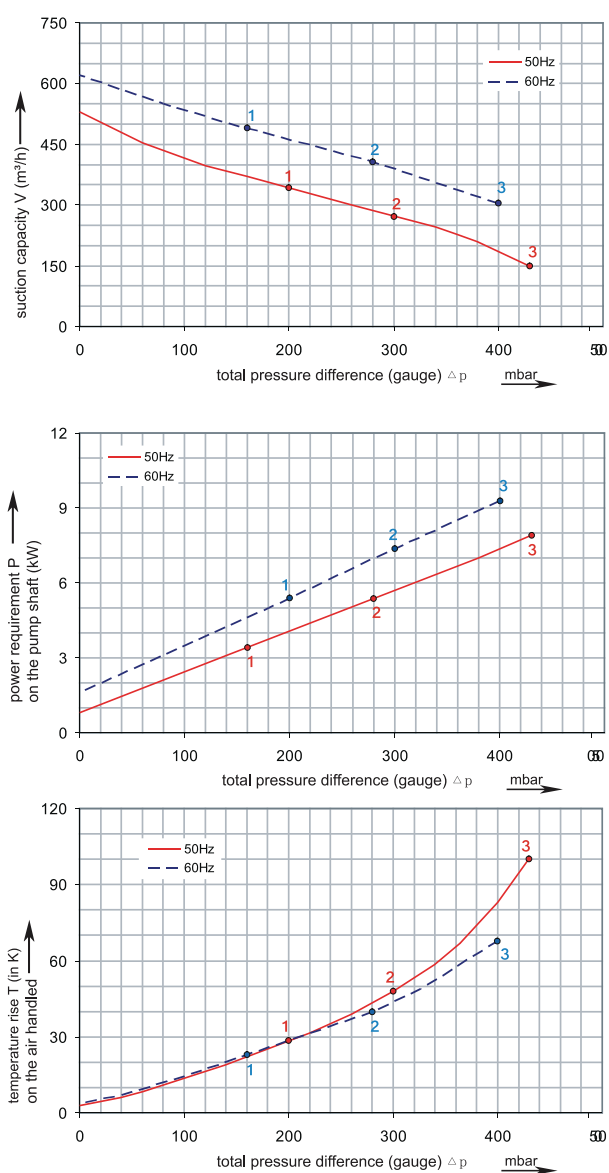
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

1RSC 45-65

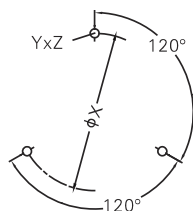
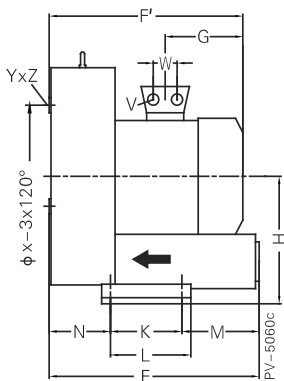
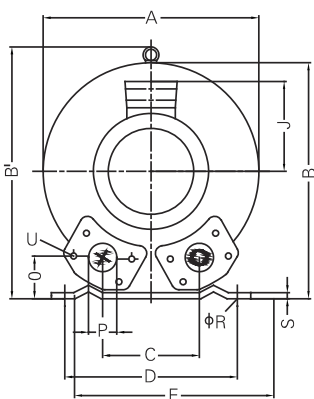
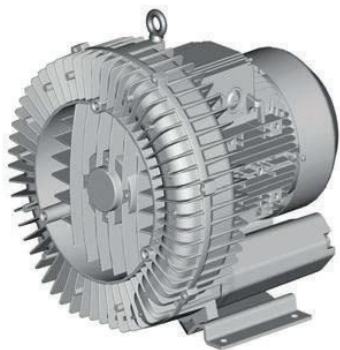
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 45-65

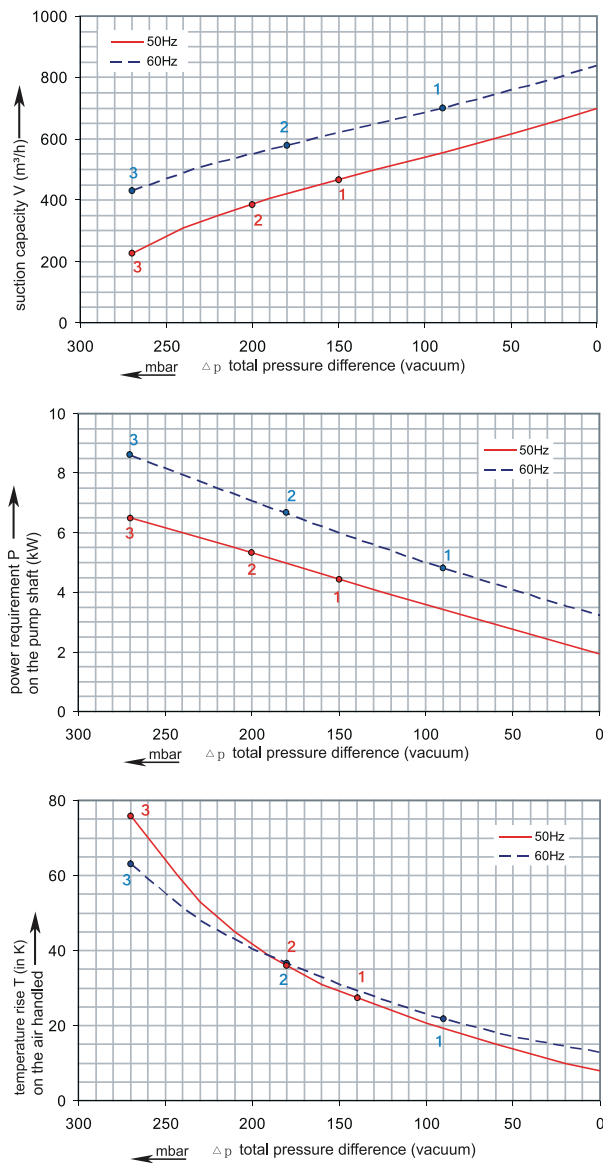
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC45/65 4.0T	50	4.0	530	-200	200	345-415Δ / 600-690Y	9.5Δ / 5.5Y	G 2½"	70	54
		60	4.6	620	-160	160	380-480Δ / 660-720Y	9.5Δ / 5.5Y		74	
2	1RSC45/65 5.5T	50	5.5	530	-300	300	345-415Δ / 600-690Y	13.3Δ / 7.7Y	G 2½"	70	63
		60	6.3	620	-300	280	380-480Δ / 660-720Y	13.3Δ / 7.7Y		74	
3	1RSC45/65 7.5T	50	7.5	530	-320	430	345-415Δ / 600-690Y	16.7Δ / 9.6Y	G 2½"	70	66
		60	8.6	620	-350	400	380-480Δ / 660-720Y	17.3Δ / 10.0Y		74	



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	O	ØP
1RSC45/65 4.0T	451	461	152	356	394	450	230	240	148	170	217	140	124	65	2½"
1RSC45/65 5.5T	451	461	152	356	394	477	226	240	148	170	217	140	124	65	2½"
1RSC45/65 7.5T	451	461	152	356	394	477	226	240	148	170	217	140	124	65	2½"

1RSCB 45-65

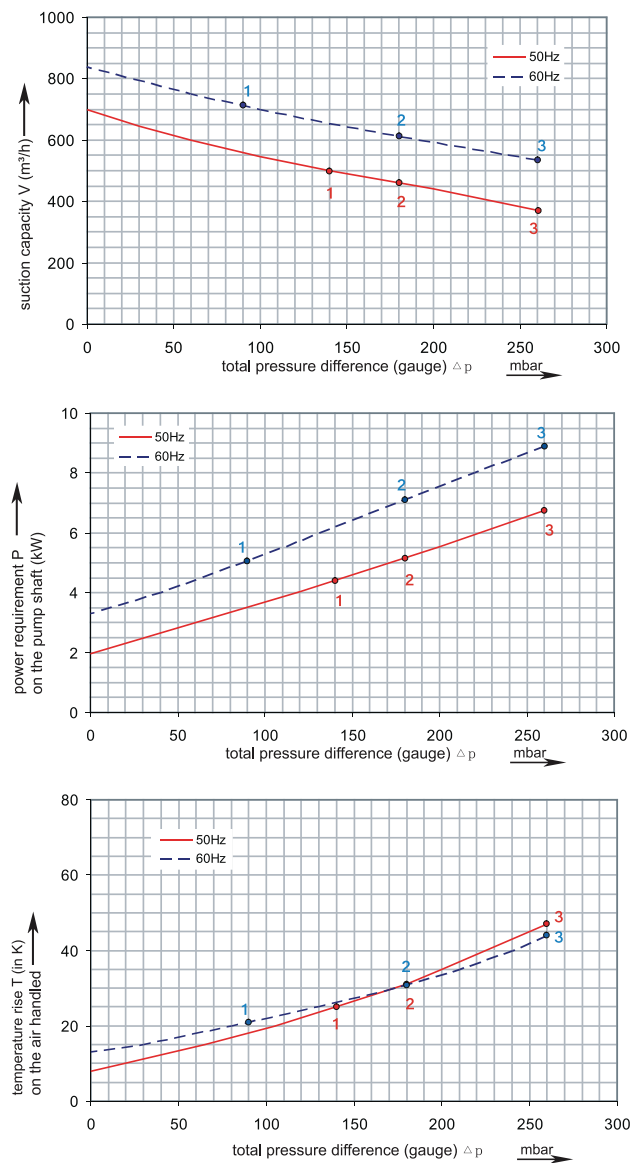
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

1RSCB 45-65

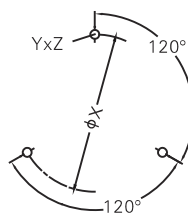
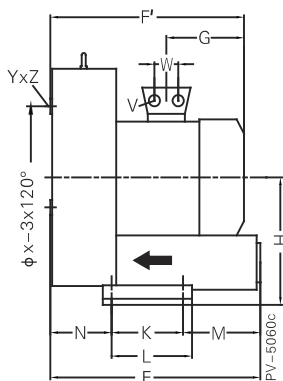
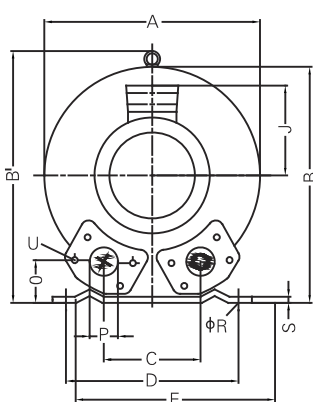
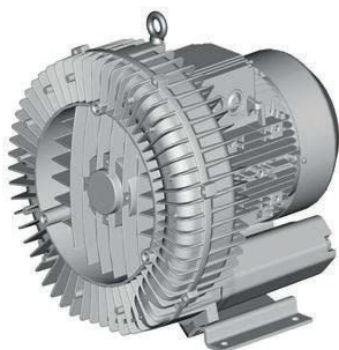
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSCB 45-65

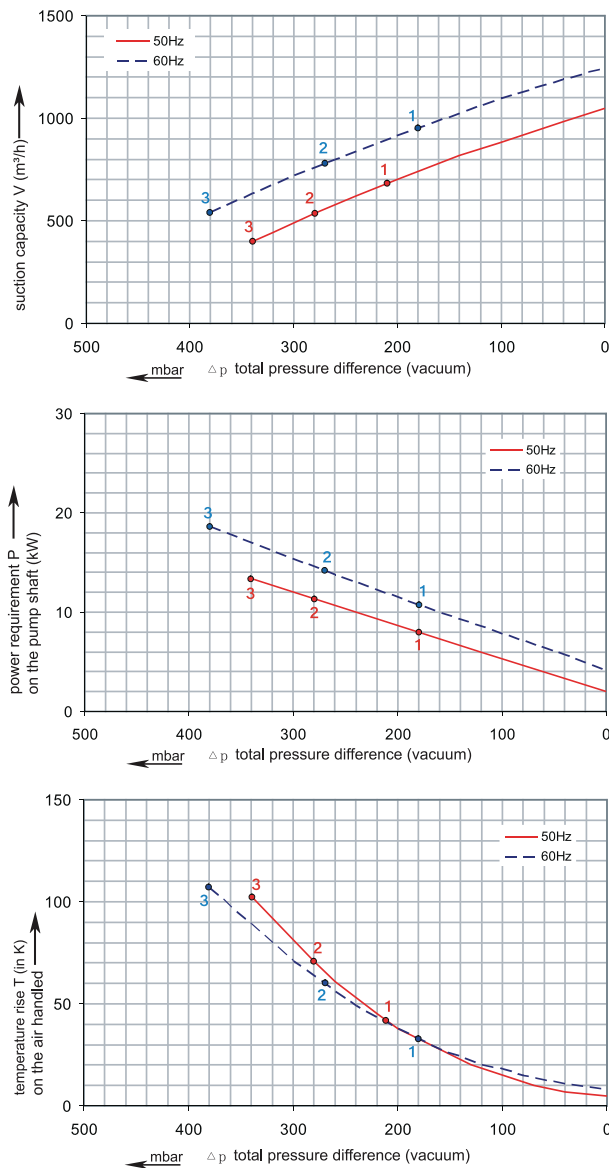
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSCB45/65 4.0T	50	4.0	700	-150	140	345-415Δ / 600-690Y	9.5Δ / 5.5Y	G 2½"	70	57
		60	4.6	840	-90	90	380-480Δ / 660-720Y	9.5Δ / 5.5Y		74	
2	1RSCB45/65 5.5T	50	5.5	700	-200	190	345-415Δ / 600-690Y	13.3Δ / 7.7Y	G 2½"	70	66
		60	6.3	840	-180	180	380-480Δ / 660-720Y	13.3Δ / 7.7Y		74	
3	1RSCB45/65 7.5T	50	7.5	700	-270	260	345-415Δ / 600-690Y	16.7Δ / 9.6Y	G 2½"	70	69
		60	8.6	840	-270	260	380-480Δ / 660-720Y	17.3Δ / 10.0Y		74	



Model	A	B	C	D	E	F'	G	H	J	K	L	M	N	O	ØP
1RSCB45/65 4.0T	451	461	152	356	394	466	230	240	148	170	217	140	164	65	2½"
1RSCB45/65 5.5T	451	461	152	356	394	492	247	240	167	170	217	140	164	65	2½"
1RSCB45/65 7.5T	451	461	152	356	394	492	247	240	167	170	217	140	164	65	2½"

1RSC 55-100

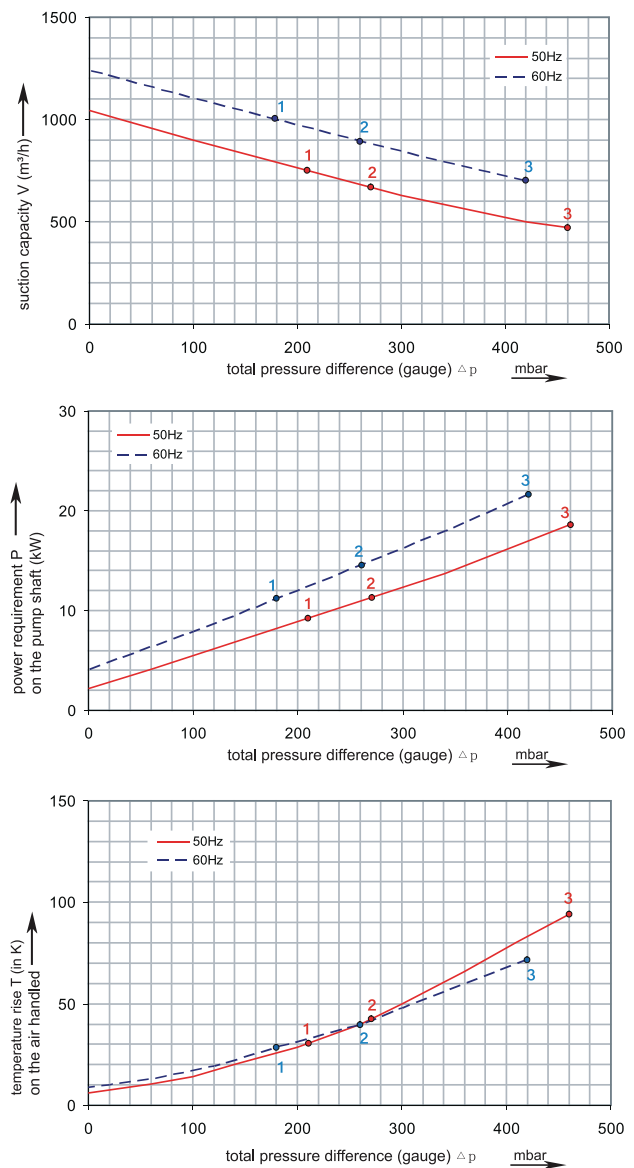
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

1RSC 55-100

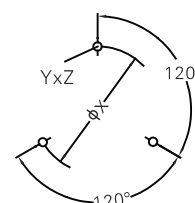
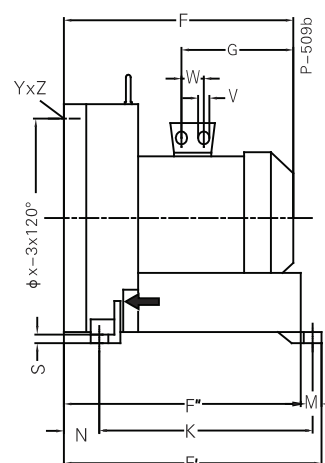
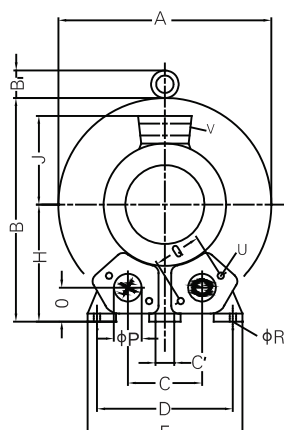
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

1RSC 55-100

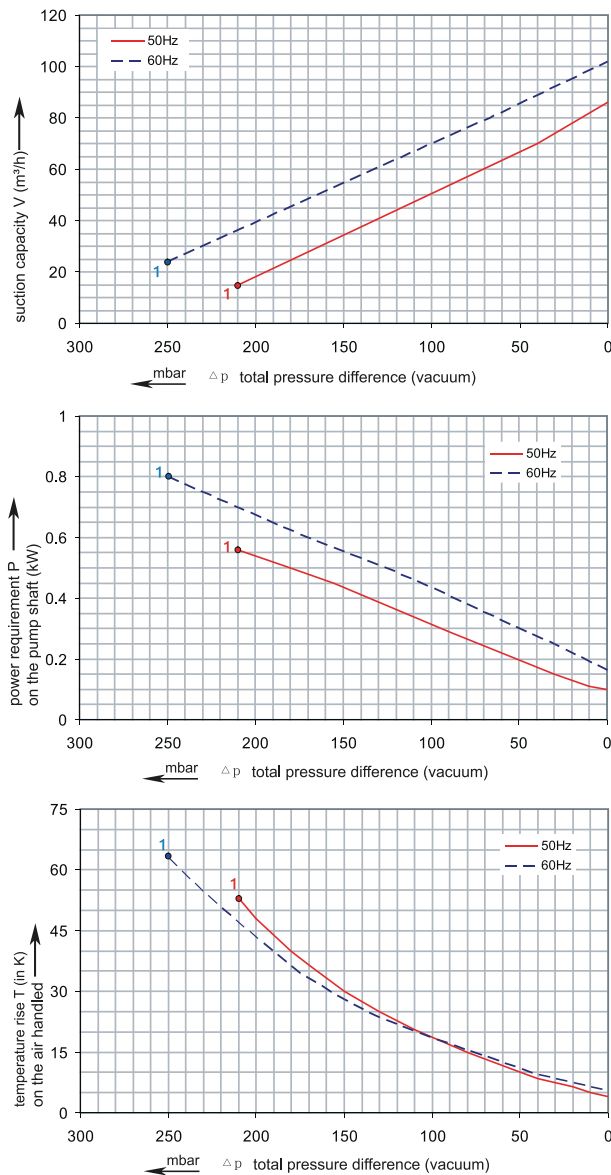
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	1RSC55/100 8.5T	50	8.5	1050	-190	190	345-415Δ / 600-690Y	18.2Δ / 10.5Y	G 4"	74	93
		60	9.8	1250	-150	140	380-480Δ / 660-720Y	18.2Δ / 10.5Y		79	
2	1RSC55/100 12.5T	50	12.5	1050	-290	280	345-415Δ / 600-690Y	28.0Δ / 16.2Y	G 4"	74	116
		60	14.5	1250	-270	260	380-480Δ / 660-720Y	29.0Δ / 16.7Y		79	
3	1RSC55/100 18.5T	50	18.5	1050	-360	460	345-415Δ / 600-690Y	37.0Δ / 21.0Y	G 4"	74	126
		60	21.3	1250	-380	420	380-480Δ / 660-720Y	39.0Δ / 22.5Y		79	



Model	A	B	C	D	E	F	G	H	J	K	M	N	O	ØP
1RSC55/100 8.5T	550	569	207	360	415	644	268	300	167	533	39	89	92	4"
1RSC55/100 12.5T	550	569	207	360	415	644	345	300	197	533	39	89	92	4"
1RSC55/100 18.5T	550	569	207	360	415	644	345	300	197	533	39	89	92	4"

2RSC 28-32

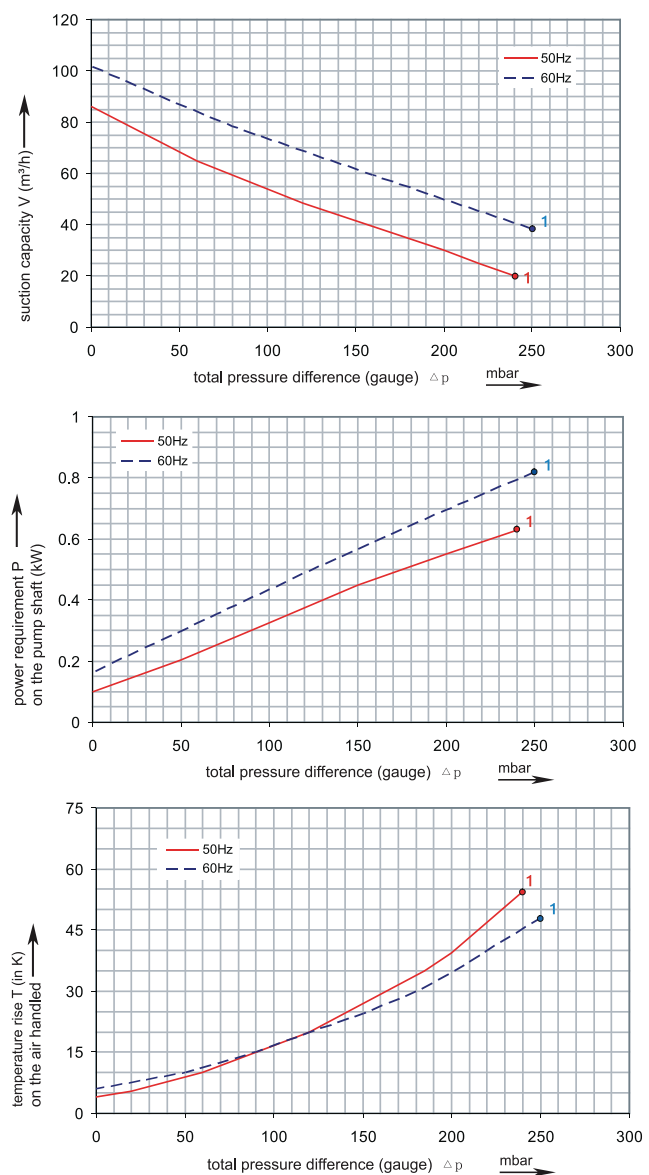
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

2RSC 28-32

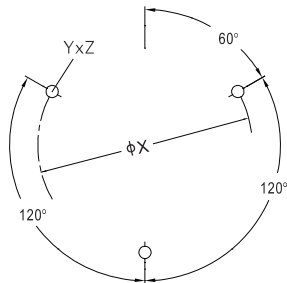
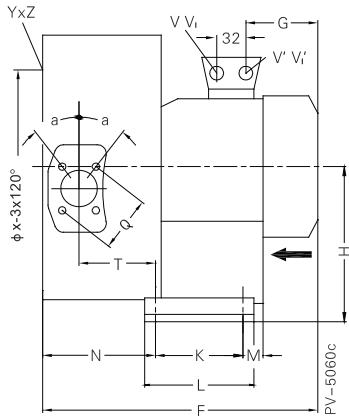
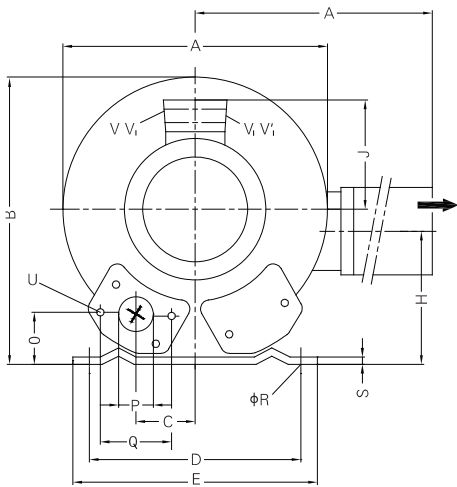
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

2RSC 28-32

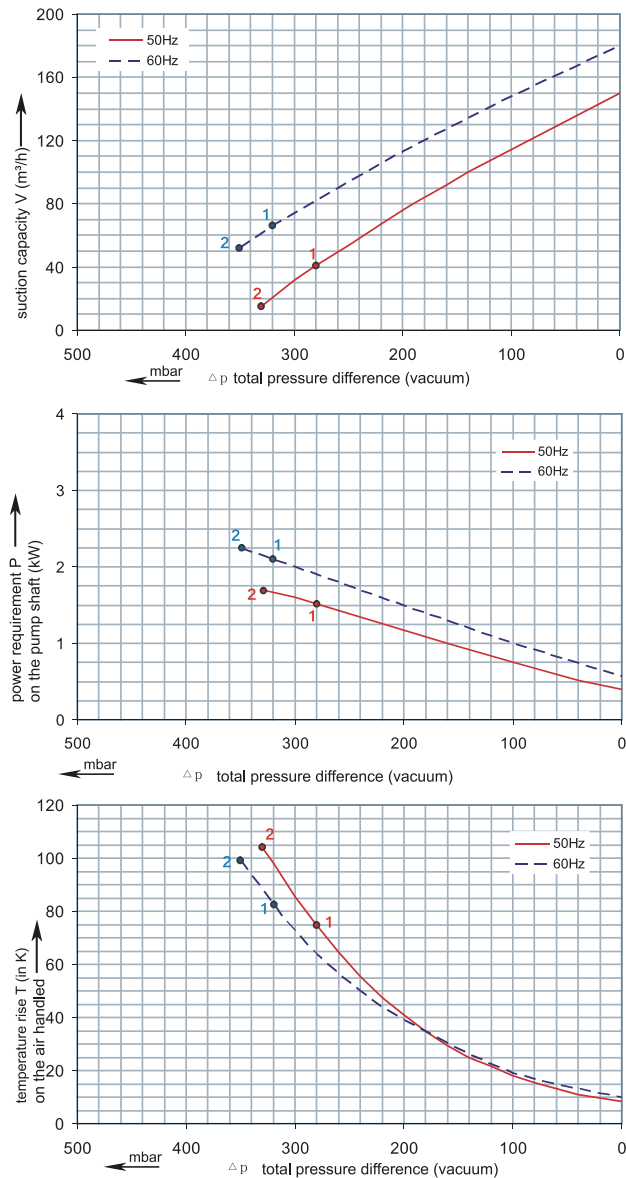
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	2RSC28/32 0.7T	50	0.70	85	-210	240	220-240Δ / 345-415Y	3.8Δ / 2.2Y	G 1¼"	55	15
		60	0.83	102	-250	250	220-240Δ / 380-480Y	3.7Δ / 2.1Y		61	



Model	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP
2RSC28/32 0.7T	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	1¼"

2RSC 32-40

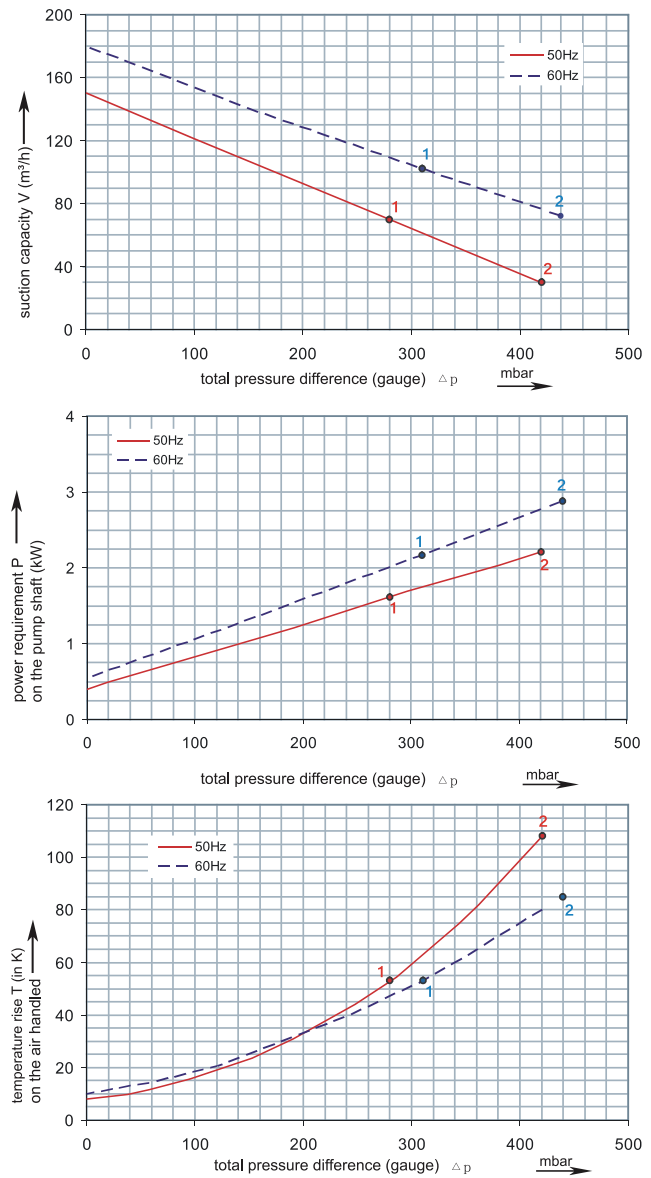
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

2RSC 32-40

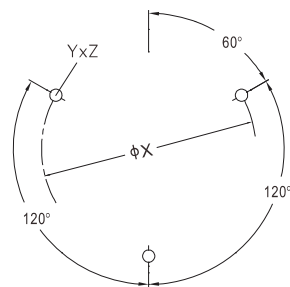
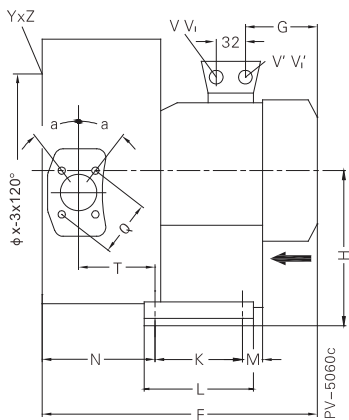
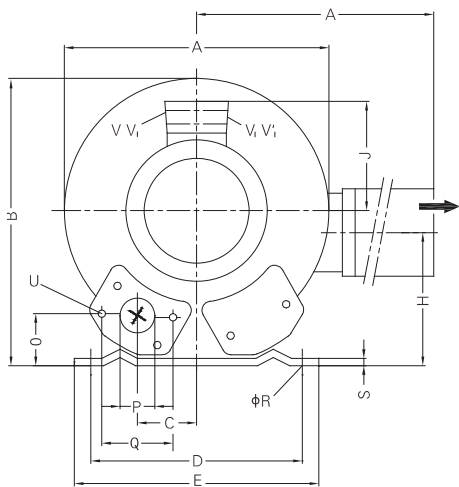
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

2RSC 32-40

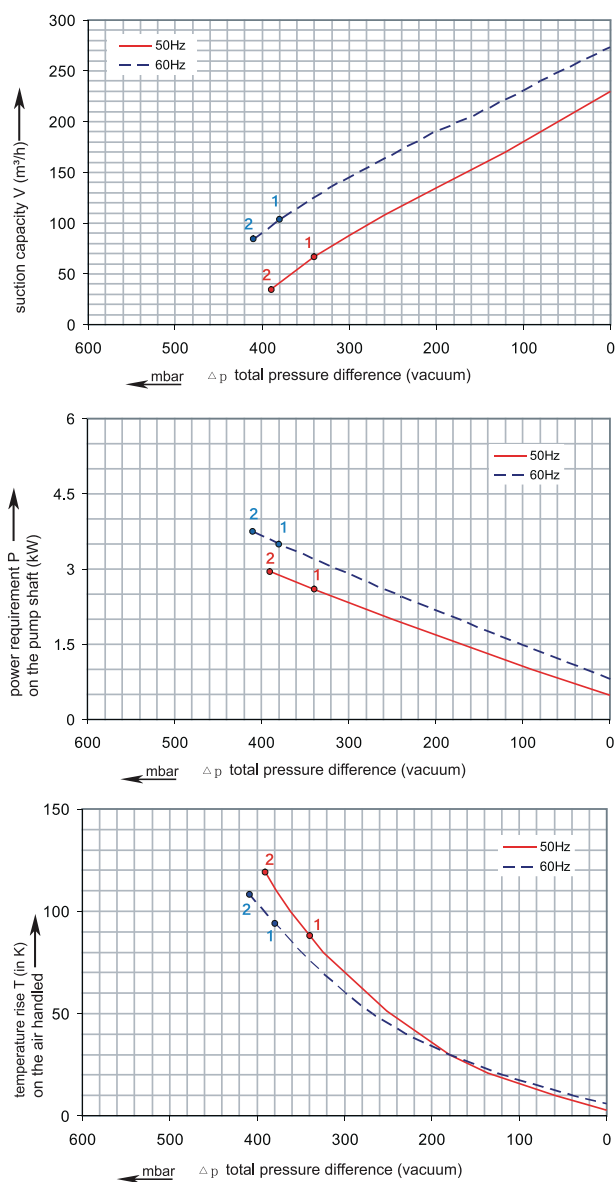
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	2RSC32/40 1.6T	50	1.60	150	-280	280	200-240Δ / 345-415Y	7.5Δ / 4.3Y	G 1½"	66	25
		60	2.05	180	-320	310	220-275Δ / 380-480Y	7.6Δ / 4.4Y		69	
2	2RSC32/40 2.2T	50	2.20	150	-330	420	200-240Δ / 345-415Y	9.7Δ / 5.6Y	G 1½"	66	27
		60	2.55	180	-350	440	220-275Δ / 380-480Y	10Δ / 5.8Y		69	



Model	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP
2RSC32/40 1.6T	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	1½"
2RSC32/40 2.2T	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	1½"

2RSC 37-50

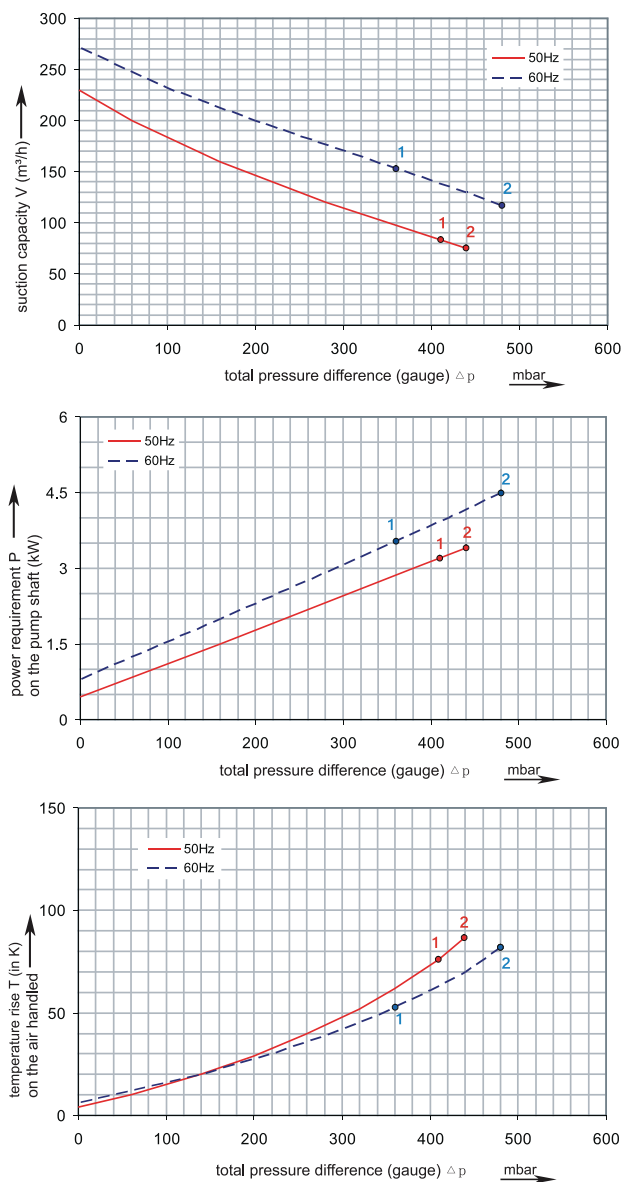
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

2RSC 37-50

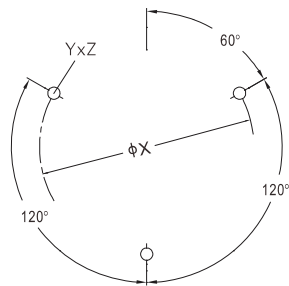
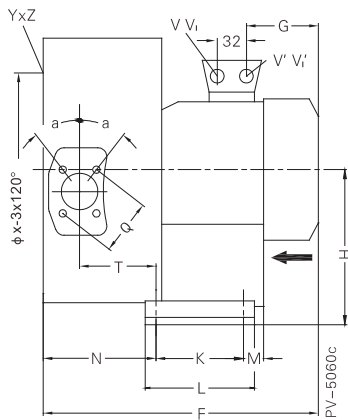
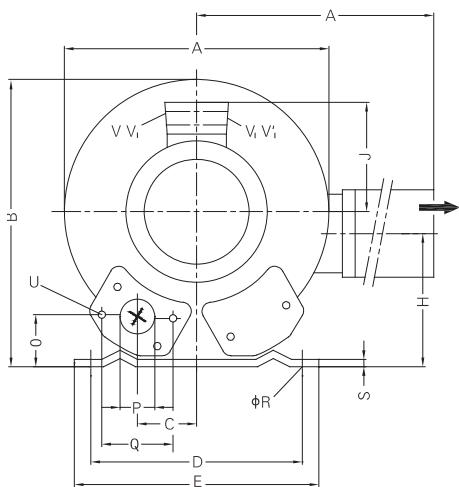
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

2RSC 37-50

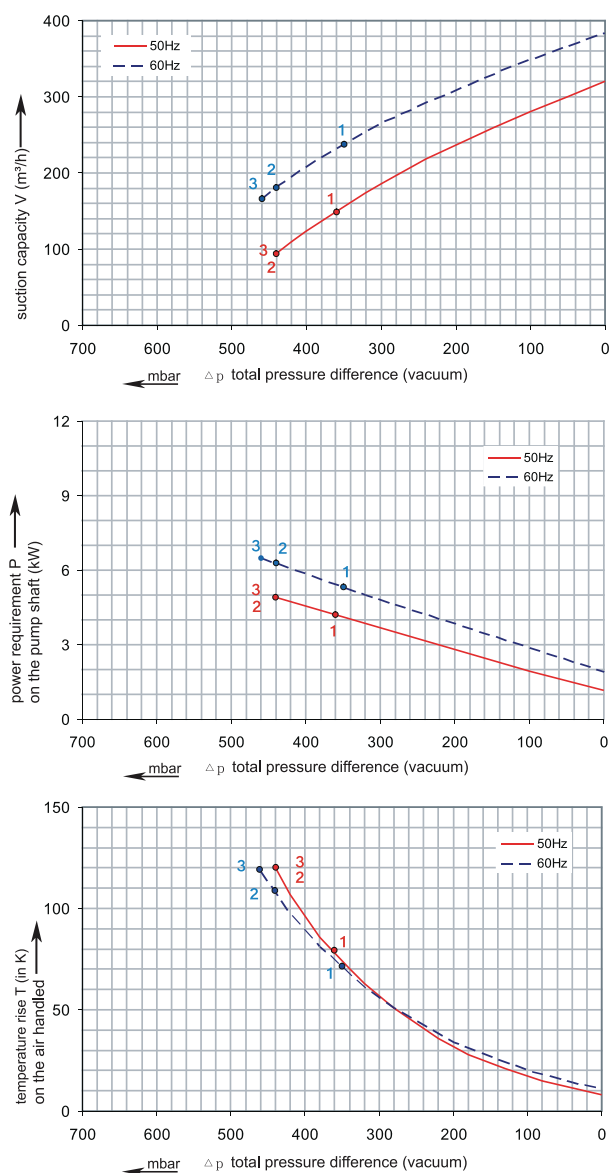
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	2RSC37/50 3.0T	50	3.0	230	-340	410	200-240Δ/ 345-415Y	12.5Δ/ 7.2Y	G 2"	72	40
		60	3.45	275	-380	360	220-275Δ/ 380-480Y	12.6Δ/ 7.3Y		74	
2	2RSC37/50 4.0T	50	4.0	230	-390	440	345-415Δ/ 600-690Y	9.5Δ/ 5.5Y	G 2"	72	44
		60	4.6	275	-410	480	380-480Δ/ 660-720Y	9.5Δ/ 5.5Y		74	



Model	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP
2RSC37/50 3.0T	372	411	371	60	260	295	465	190	175	144	135	115	155	98	171	48	2"
2RSC37/50 4.0T	372	411	371	60	260	295	499	224	175	144	135	115	155	98	171	48	2"

2RSC 43-50

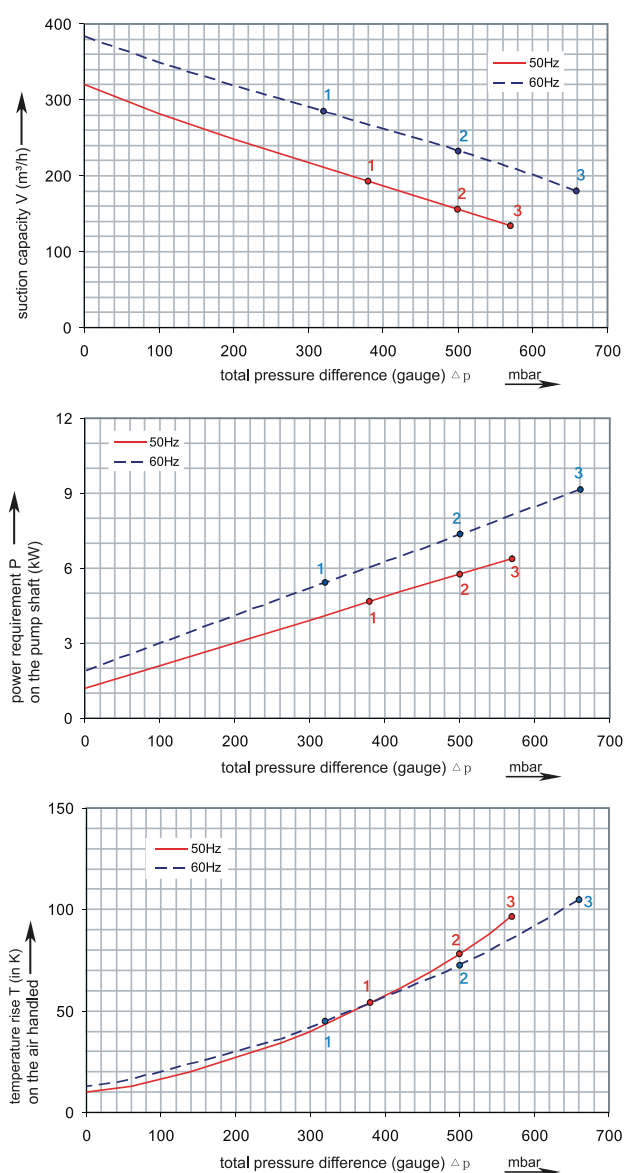
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

2RSC 43-50

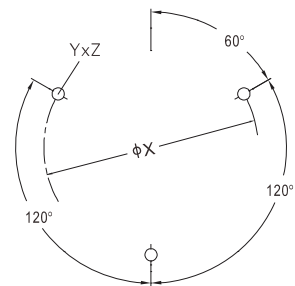
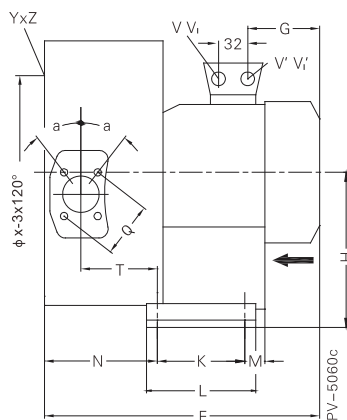
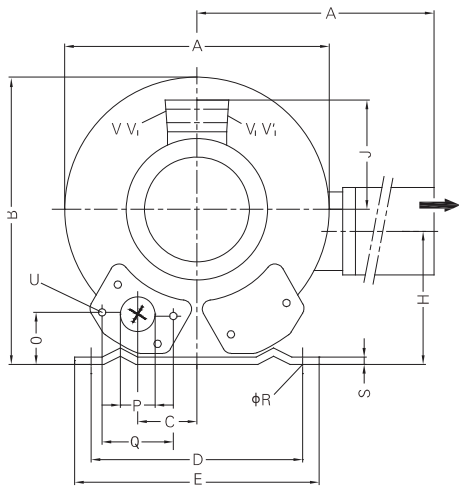
Performance curve for Compressor



Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

2RSC 43-50

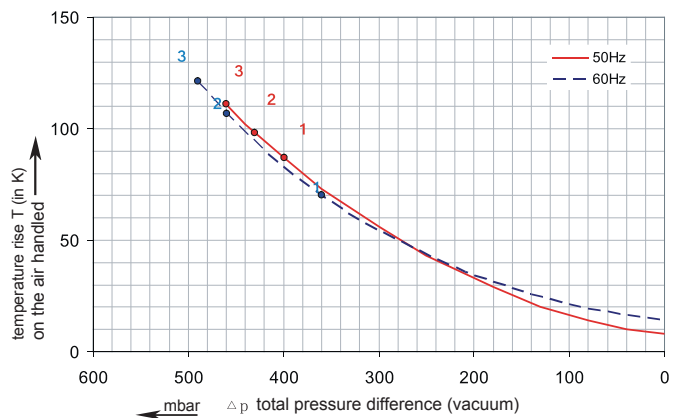
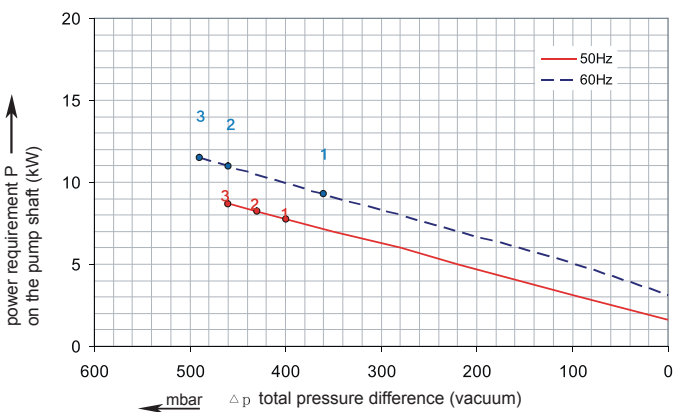
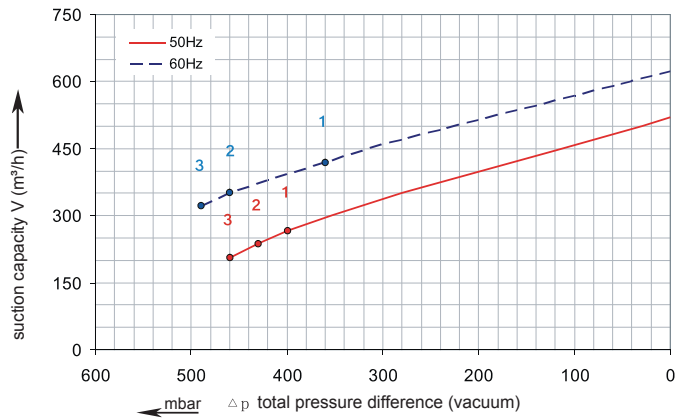
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	2RSC43/50 4.0T	50	4.3	320	-360	380	345-415Δ / 600-690Y	10.0Δ / 5.8Y	G 2"	73	54
		60	4.8	380	-350	320	380-480Δ / 660-720Y	10.4Δ / 6.0Y		76	
2	2RSC43/50 5.5T	50	5.5	320	-440	500	345-415Δ / 600-690Y	13.3Δ / 7.7Y	G 2"	73	66
		60	6.3	380	-440	500	380-480Δ / 660-720Y	13.3Δ / 7.7Y		76	
3	2RSC43/50 7.5T	50	7.5	320	-440	570	345-415Δ / 600-690Y	16.7Δ / 9.6Y	G 2"	73	73
		60	8.6	380	-460	660	380-480Δ / 660-720Y	17.3Δ / 10.0Y		76	



Model	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	ØP
2RSC43/50 4.0T	426	426	410	63	290	325	526	209	197	162	148	140	180	84	205	53	2"
2RSC43/50 5.5T	426	426	410	154	290	325	571	226	197	162	167	140	180	200	205	94	2"
2RSC43/50 7.5T	426	426	410	154	290	325	571	226	197	162	167	140	180	200	205	94	2"

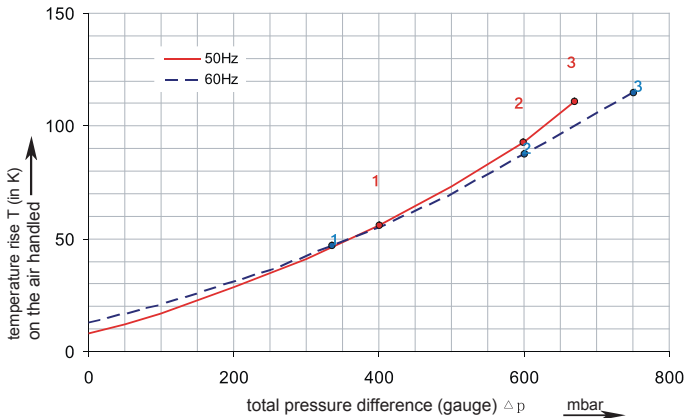
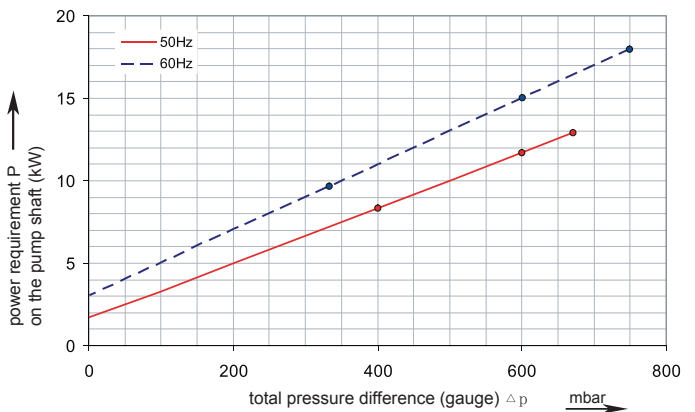
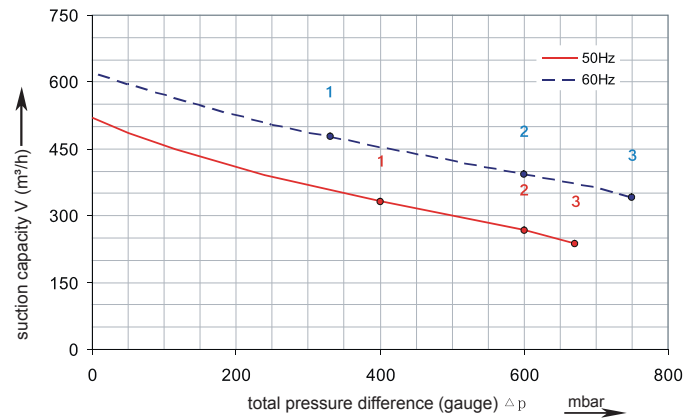
2RSC 50-65

Performance curve for Compressor



2RSC 50-65

Performance curve for Compressor

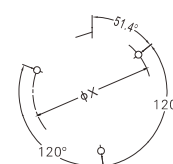
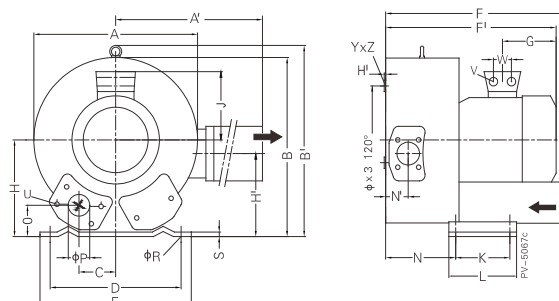


The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

Each RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

2RSC 50-65

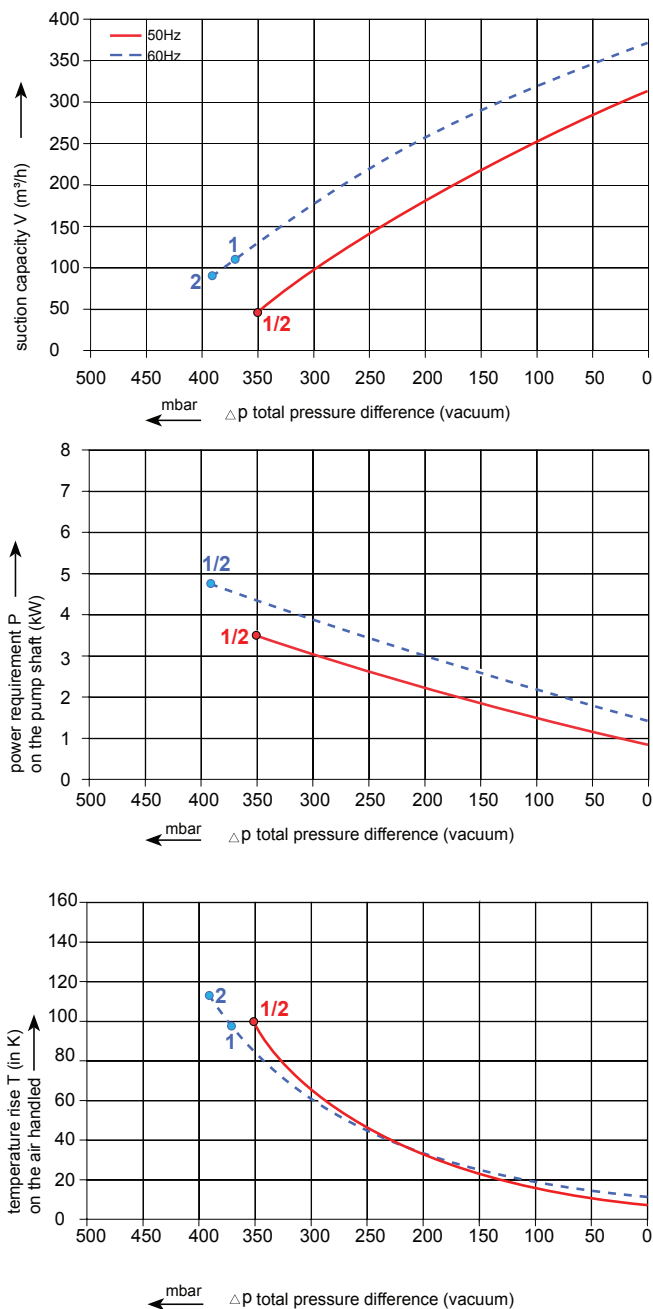
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	2RSC50/65 7.5T	50	7.5	520	-400	400	345-415Δ / 600-690Y	16.7Δ / 9.6Y	G 2½"	74	86
		60	8.6	620	-360	330	380-480Δ / 660-720Y	17.3Δ / 10.0Y		78	
2	2RSC50/65 11.0T	50	11.0	520	-430	600	345-415Δ / 600-690Y	28.0Δ / 16.2Y	G 2½"	74	104
		60	12.6	620	-460	600	380-480Δ / 660-720Y	29.0Δ / 16.7Y		78	
3	2RSC50/65 15.0T	50	15.0	520	-460	670	345-415Δ / 600-690Y	32.5Δ / 18.8Y	G 2½"	74	120
		60	17.3	620	-490	750	380-480Δ / 660-720Y	34.5Δ / 19.9Y		78	



Model	A	A'	B	C	D	E	F'	G	H	H'	J	K	L	N	O	ØP
2RSC50/65 7.5T	500	549	490	76	356	394	589	226	240	199	148	170	217	236	65	2½"
2RSC50/65 11.0T	500	549	490	76	356	394	694	318	240	199	197	170	217	212	105	2½"
2RSC50/65 15.0T	500	549	490	152	356	394	694	318	240	199	197	170	217	212	105	2½"

3RSC 350-1/65

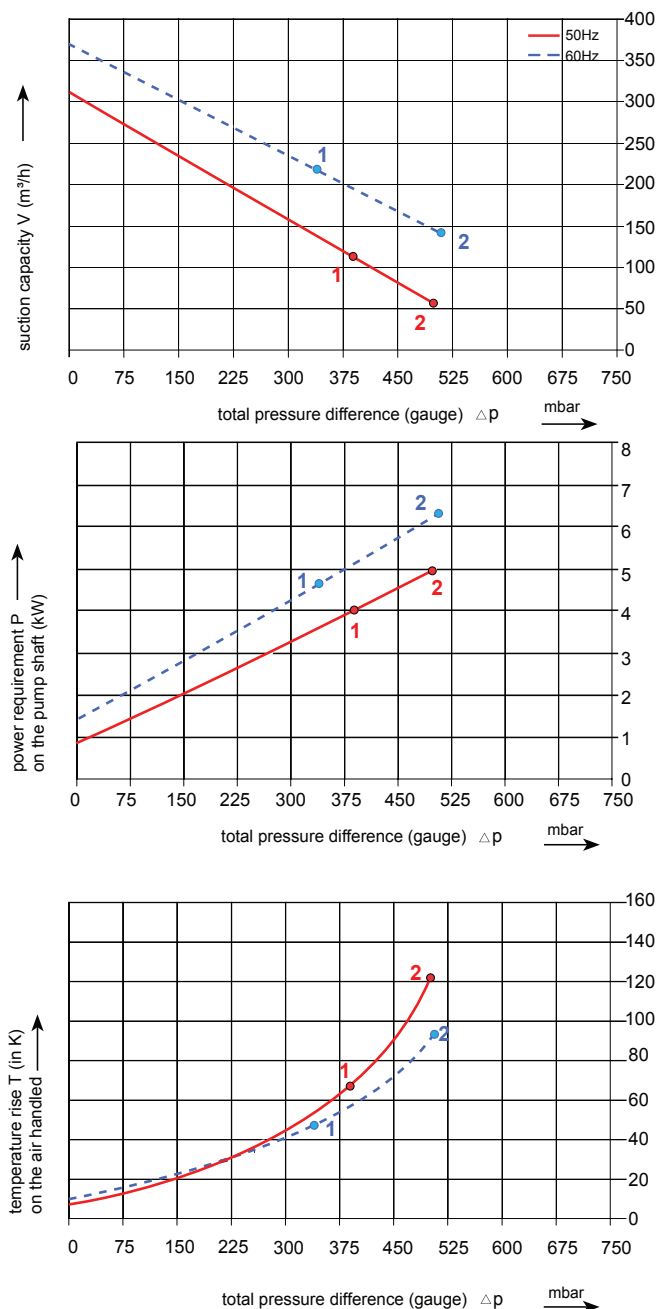
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

3RSC 350-1/65

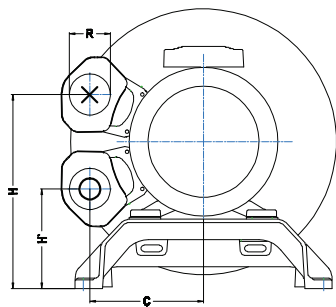
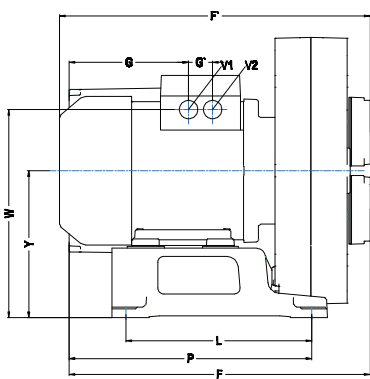
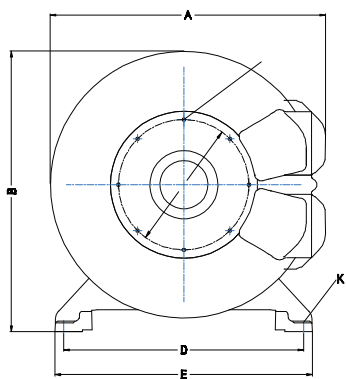
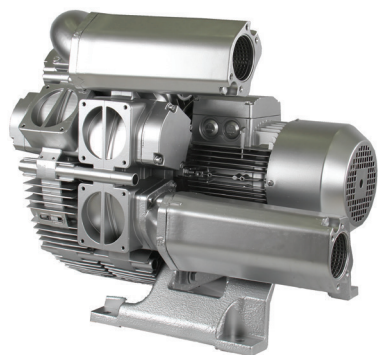
Performance curve for Compressor



Each 3RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

3RSC 350-1/65

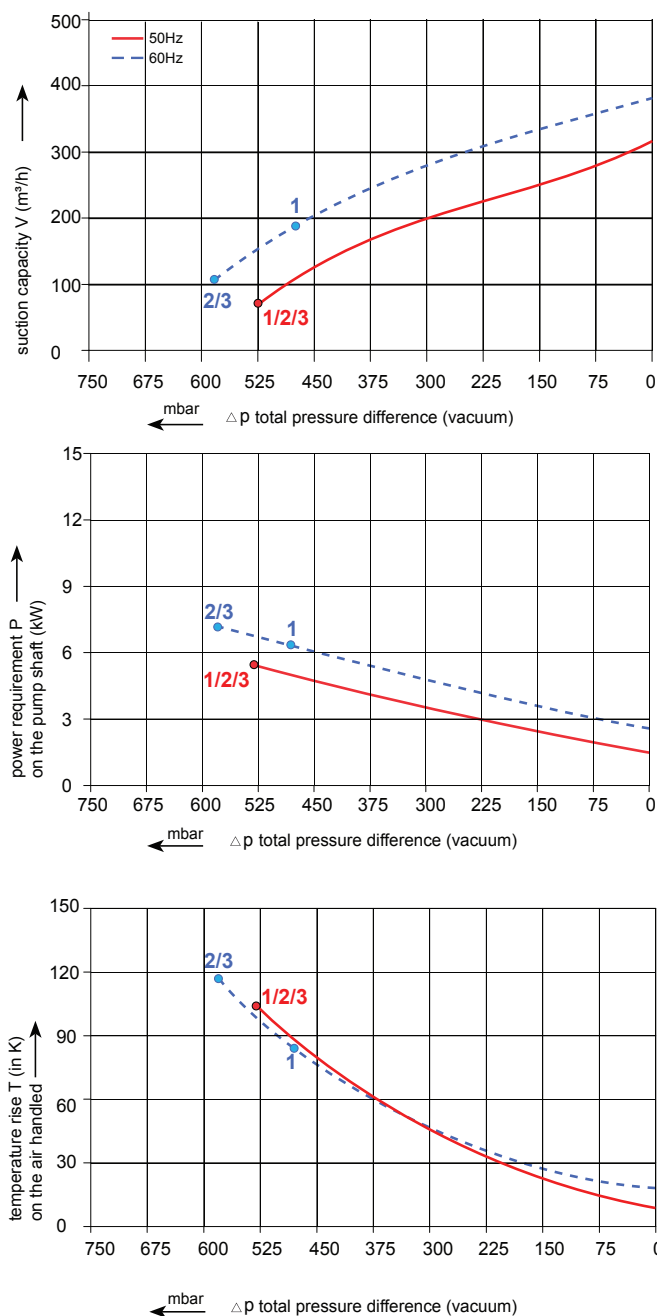
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	3RSC350-1/65 4.0T	50	4.0	315	-350	390	350-450Δ / 610-725Y	8.4Δ/ 4.8Y	G 2½"	66	66
		60	4.6	370	-370	340	400-500Δ / 690-725Y	8.2Δ/ 4.7Y		70	
2	3RSC350-1/65 5.5T	50	5.5	320	-350	500	350-450Δ / 610-725Y	11.1Δ/ 6.4Y	G 2½"	70	77
		60	6.3	380	-390	510	400-500Δ / 690-725Y	11.0Δ/ 6.4Y		70	



Model	A	B	C	D	E	F	F'	G	H	H'	ØK	L	P	ØR
3RSC350-1/65 4.0T	481	490	199	420	450	527	559	217	340	175	14.5	325	425	2½"
3RSC350-1/65 5.5T	481	490	199	420	450	527	544	210	340	175	14.5	325	425	2½"

3RSC 350-2/65

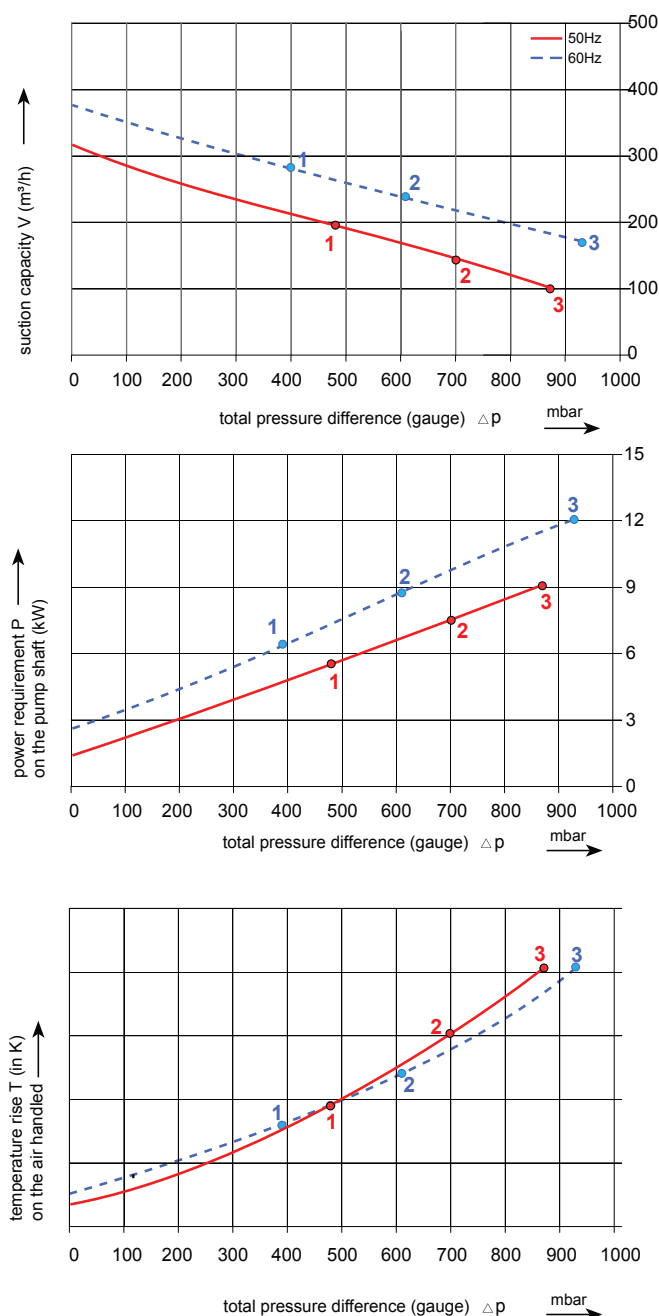
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

3RSC 350-2/65

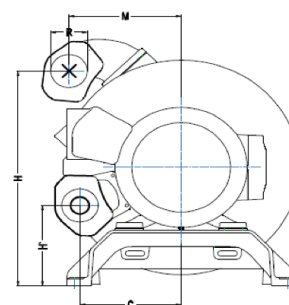
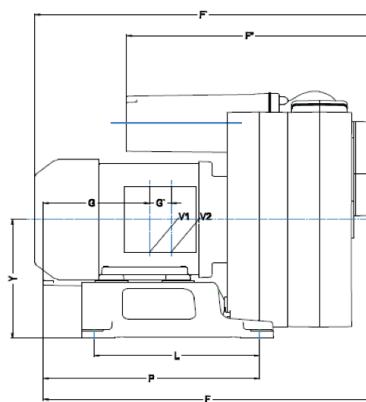
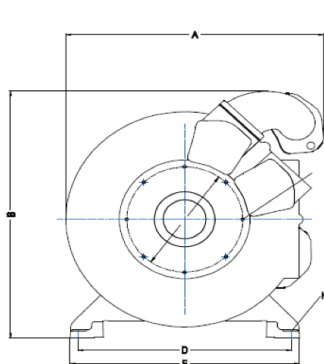
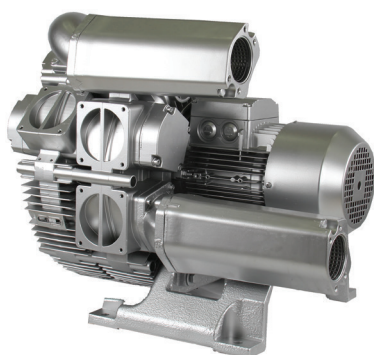
Performance curve for Compressor



Each 3RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

3RSC 350-2/65

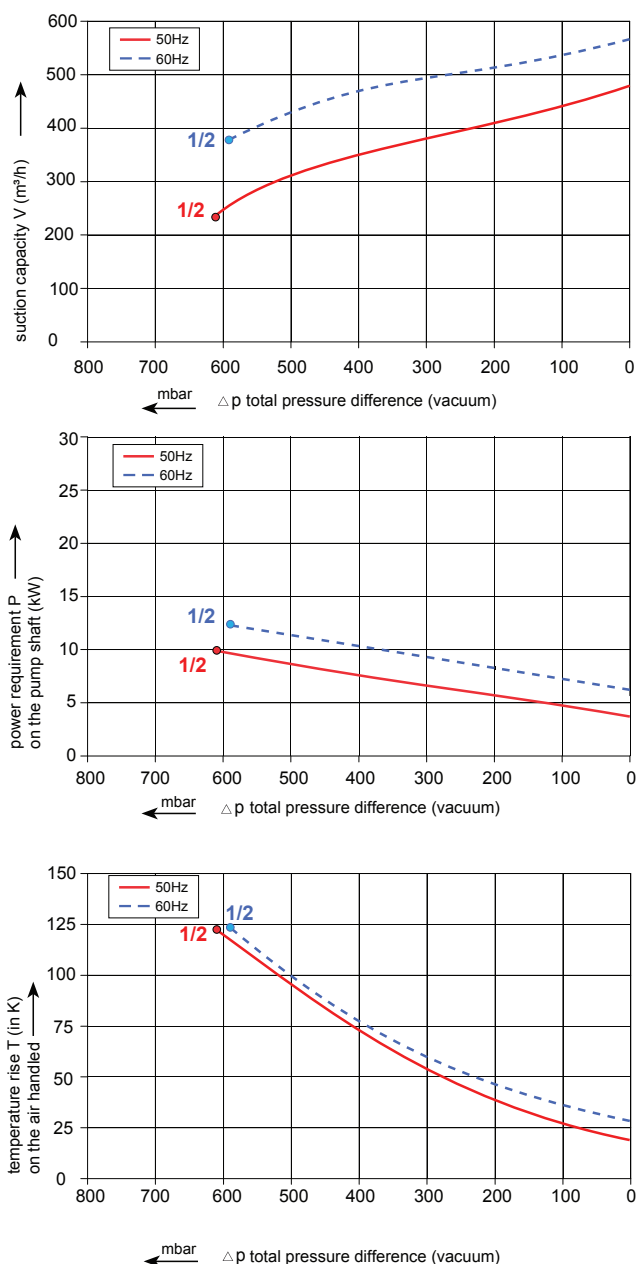
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	3RSC350-2/65 5.5T	50	5.5	320	-530	480	350-450Δ / 610-725Y	11.1Δ / 6.4Y	G 2½"	69	100
		60	6.3	380	-480	390	400-500Δ / 690-725Y	11.0Δ / 6.4Y		73	
2	3RSC350-2/65 7.5T	50	7.5	320	-530	700	350-450Δ / 610-725Y	15.0Δ / 8.7Y	G 2½"	69	126
		60	8.6	380	-580	610	400-500Δ / 690-725Y	15.1Δ / 8.8Y		73	
3	3RSC350-2/65 11T	50	11	320	-530	870	350-450Δ / 610-725Y	22.0Δ / 12.7Y	G 2½"	72	132
		60	12.6	380	-580	930	400-500Δ / 690-725Y	22.0Δ / 12.9Y		76	



Model	A	B	C	D	E	F	F'	G	H	H'	ØK	L	M	P	ØR
3RSC350-2/65 5.5T	507	536	199	420	450	646	663	210	466	175	14.5	325	220	425	2½"
3RSC350-2/65 7.5T	507	536	199	420	450	646	698	210	466	175	14.5	325	220	425	2½"
3RSC350-2/65 11T	507	564	199	420	450	646	753	184	494	203	14.5	325	220	425	2½"

3RSC 550-3/80

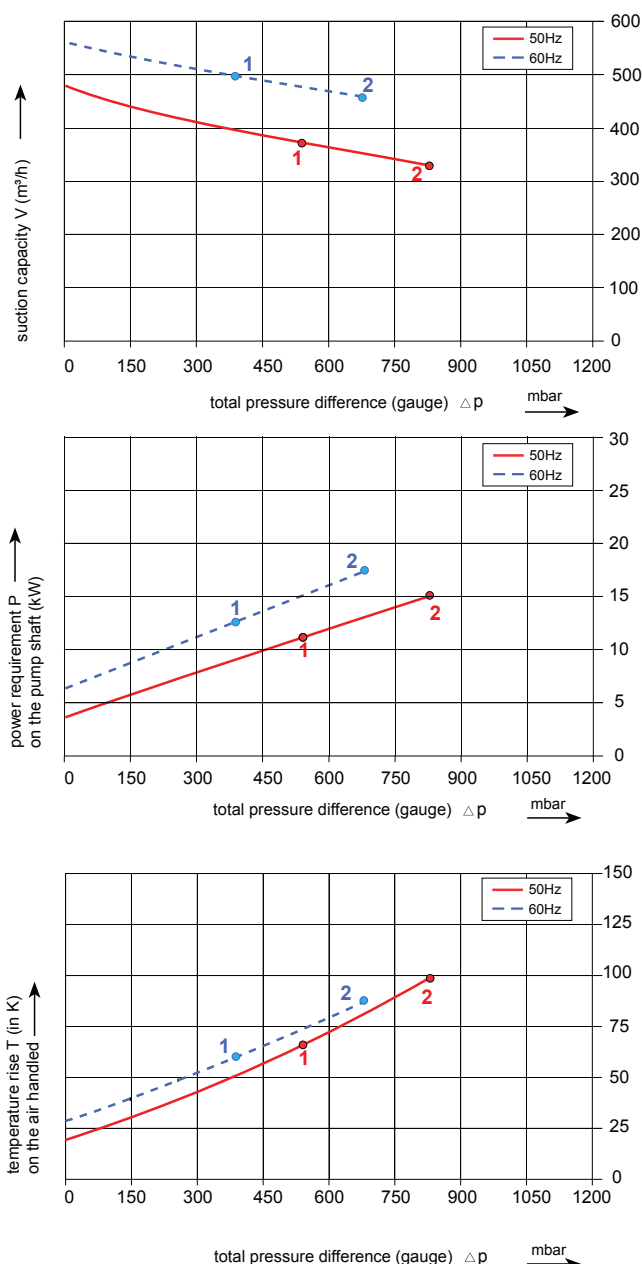
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

3RSC 550-3/80

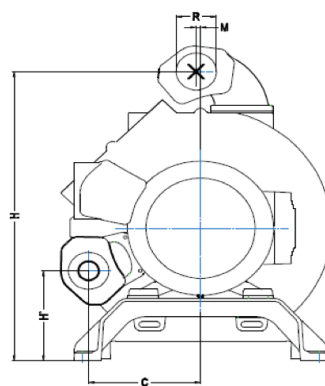
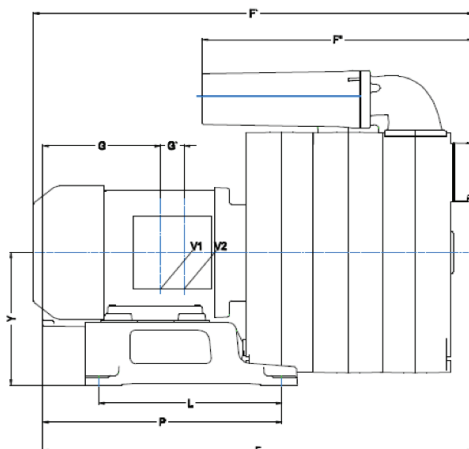
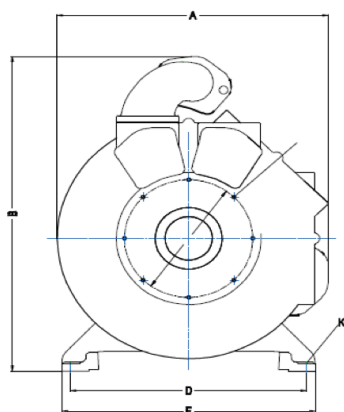
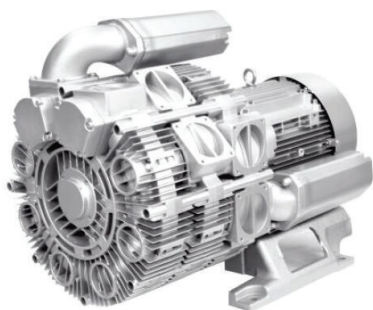
Performance curve for Compressor



Each 3RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

3RSC 550-3/80

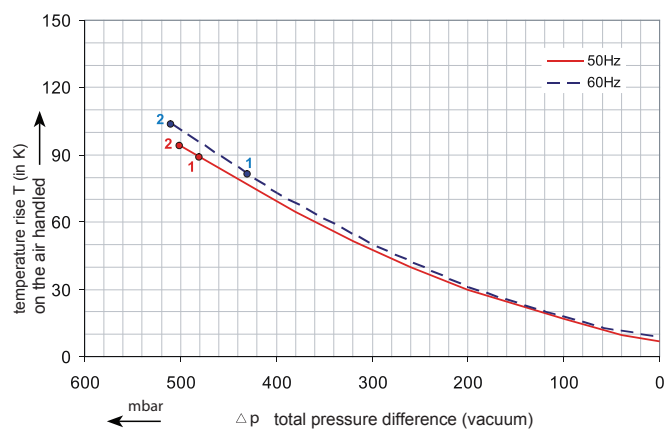
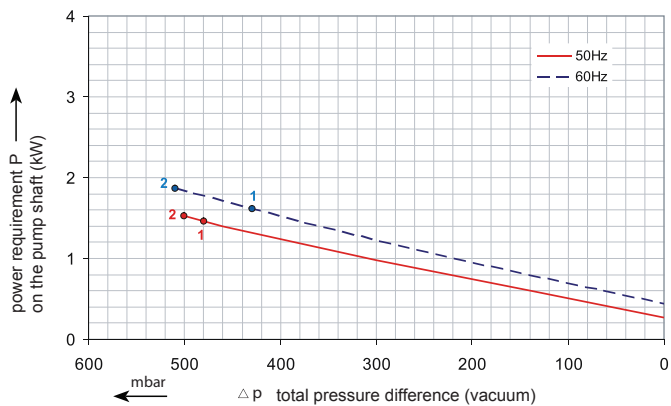
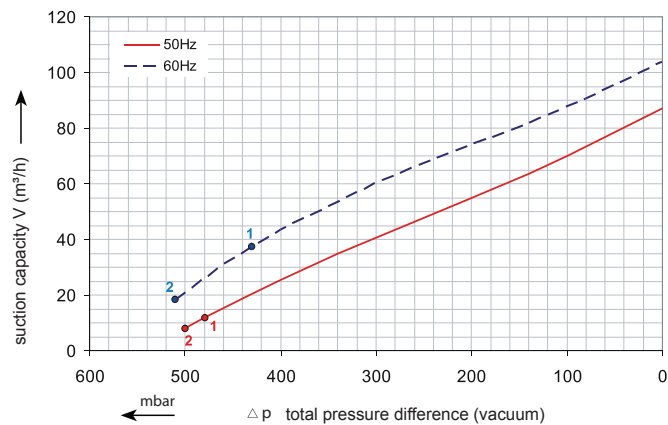
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	3RSC550-3/80 11T	50	11	480	-610	540	350-450Δ / 610-725Y	22.0Δ/ 12.7Y	G 3"	71	167
		60	12.6	580	-590	390	400-500Δ / 690-725Y	22.0Δ/ 12.9Y		77	
2	3RSC550-3/80 15T	50	15	480	-610	830	350-450Δ / 610-725Y	30.5Δ/ 17.3Y	G 3"	71	188
		60	17.3	580	-590	680	400-500Δ / 690-725Y	29.5Δ/ 17.0Y		77	



Model	A	B	C	D	E	F	F'	G	H	H'	ØK	L	M	P	ØR
3RSC550-3/80 11T	553	710	228	420	450	894	968	276	651	214	14.5	325	8	518	3"
3RSC550-3/80 15T	553	710	228	420	450	894	968	276	651	214	14.5	325	8	518	3"

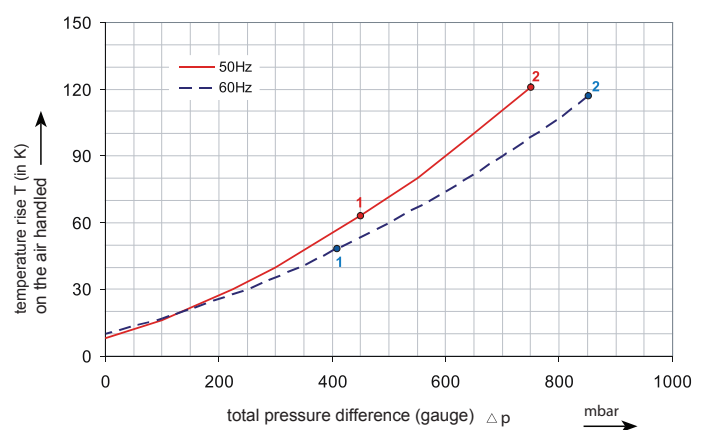
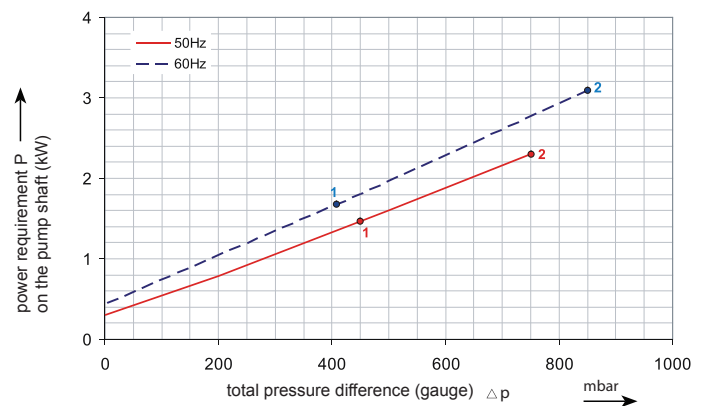
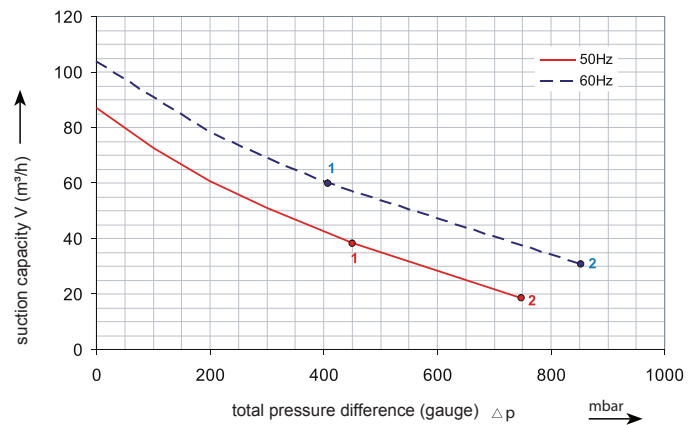
42RSC 36/32

Performance curve for Vacuum pump



42RSC 36/32

Performance curve for Compressor

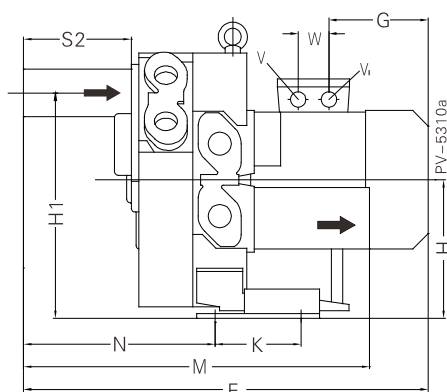
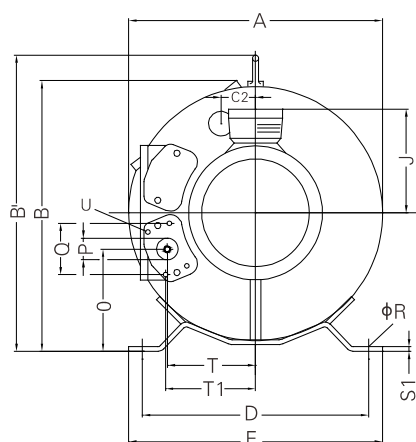
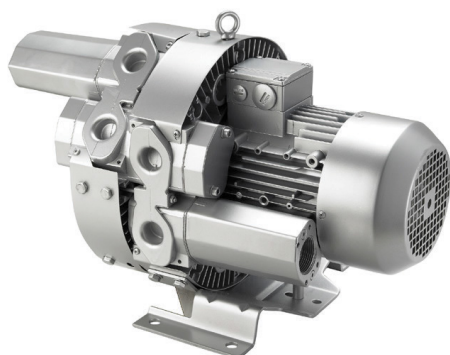


The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

Each 42RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

42RSC 36/32

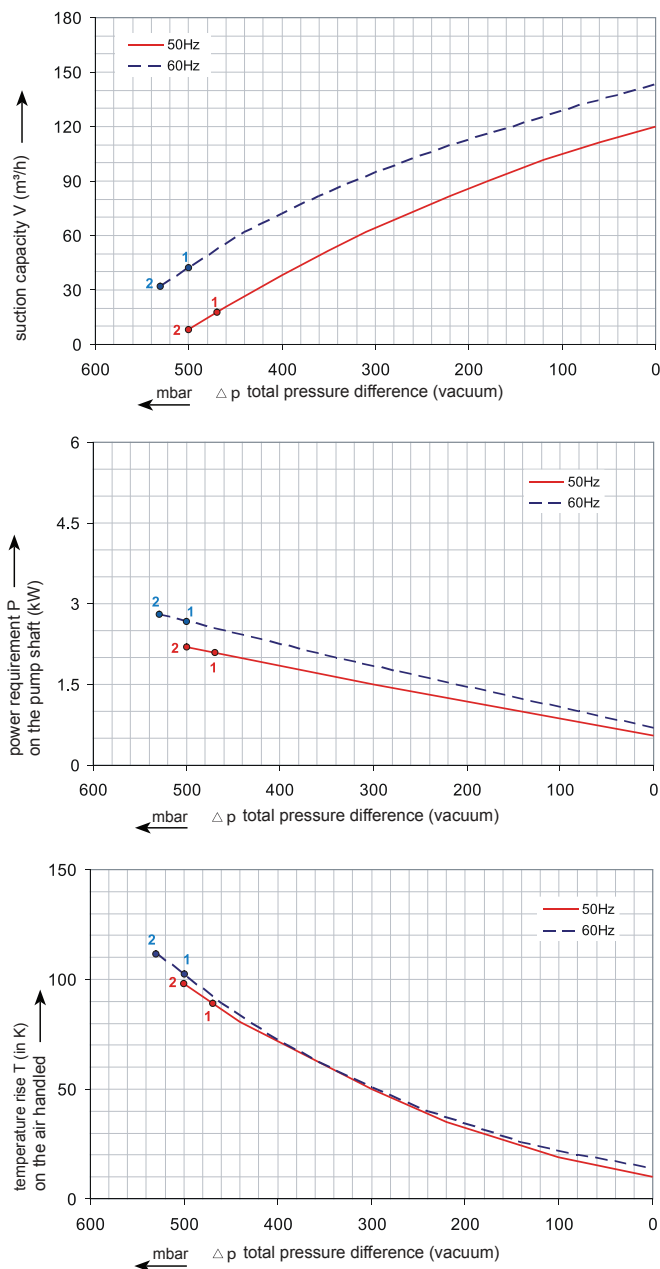
Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	42RSC36/32 1.5T	50	1.5	87	-480	450	200-240Δ/ 345-415Y	7.5Δ/ 4.3Y	G 1¼"	61	33
		60	1.75	105	-430	410	220-275Δ/ 380-480Y	7.6Δ/ 4.4Y		66	
2	42RSC36/32 3.3T	50	3.3	87	-500	750	200-240Δ/ 345-415Y	13.0Δ/ 7.5Y	G 1¼"	61	39
		60	3.8	105	-510	850	220-275Δ/ 380-480Y	13.8Δ/ 8.0Y		66	



Model	A	B	C ²	D	E	F	G	H	H ¹	J	K	M	N	O	ØP
42RSC36/32 1.5T	363	377	52	315	350	529	180	195	319	128	130	436	243	143	1¼"
42RSC36/32 3.3T	363	377	52	315	350	554	180	195	319	128	130	436	243	143	1¼"

42RSC 39/32

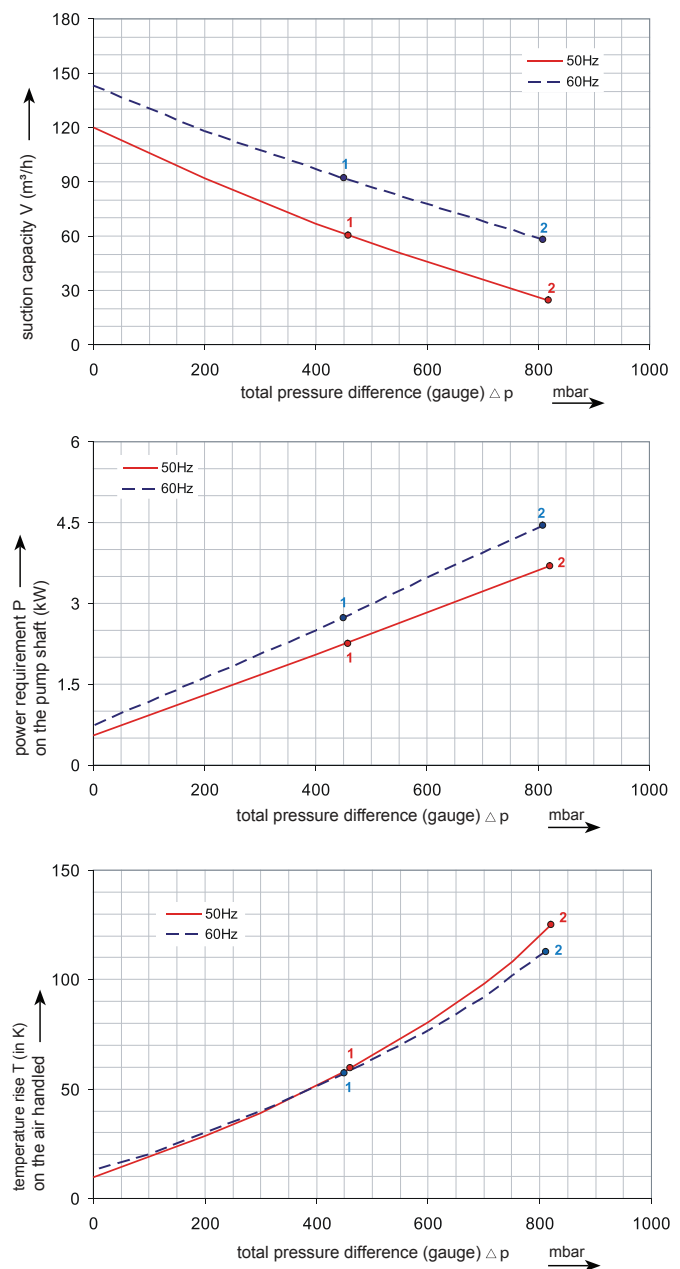
Performance curve for Vacuum pump



The performance curves are based on air at a temperature of 15 °C and an atmospheric pressure of 1013 mbar with a tolerance of +/- 10 %. The total pressure differences are valid for suction and ambient temperatures up to 25 °C. For other conditions please confer with us.

42RSC 39/32

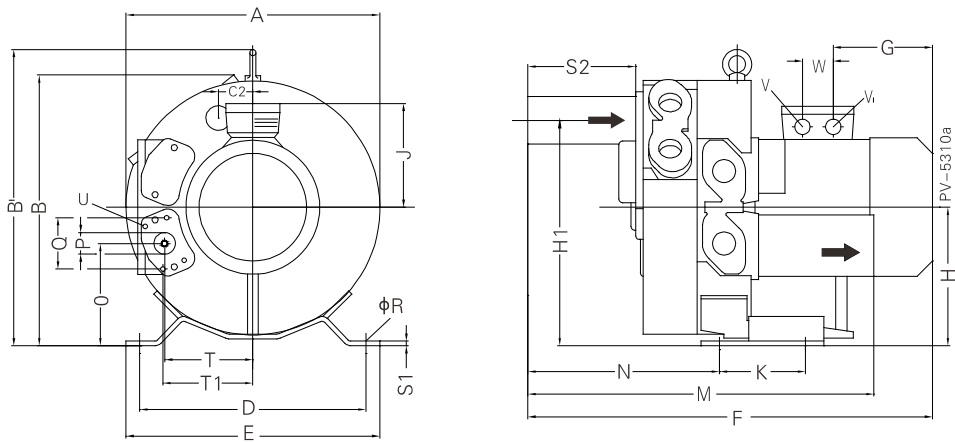
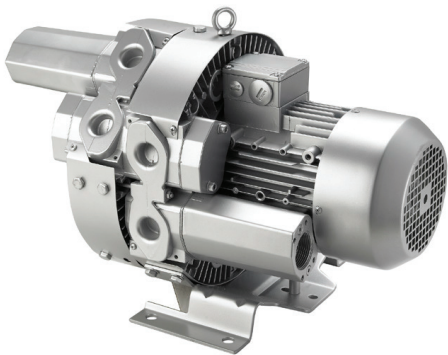
Performance curve for Compressor



Each 42RSC type can be applied both as vacuum pump and compressor in continuous operation over the total stated performance curve range. The motors are available as standard for the input voltage range of 50 and 60 Hz and for protection category IP 55.

42RSC 39/32

Curve No.	Model	Freq. (Hz)	Power (KW)	Max. Flow (m3/h)	Max. Vacuum (mbar)	Max. Pressure (mbar)	Voltage (V)	Current (A)	Inlet / Outlet	Noise (dBA)	Weight (Kg)
1	42RSC39/32 2.2T	50	2.2	120	-470	460	200-240Δ/ 345-415Y	11.4Δ/ 6.6Y	G 1¼"	64	40
		60	2.55	145	-500	450	220-275Δ/ 380-480Y	11.2Δ/ 6.5Y		70	
2	42RSC39/32 4.0T	50	4.0	120	-500	820	345-415Δ	9.0Δ	G 1¼"	65	51
		60	4.5	145	-530	810	380-480Δ	9.5Δ		71	



Model	A	B	C²	D	E	F	G	H	H¹	J	K	M	N	O	ØP
42RSC39/32 2.2T	387	402	57	328	363	549	185	206	343	128	152	453	256	148	1¼"
42RSC39/32 4.0T	387	402	57	328	363	603	211	206	343	148	152	453	256	148	1¼"

Accessories

Pressure / Vacuum Relief Valves



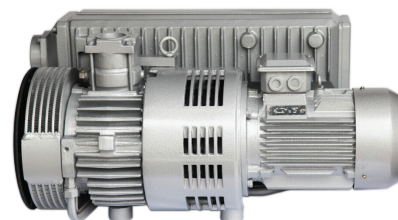
Air Filters



Pressure / Vacuum Gauges

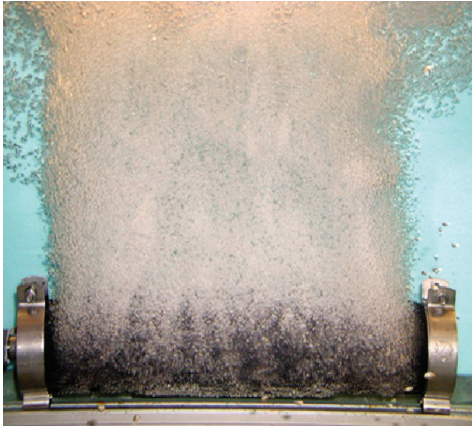


Other fans and blowers

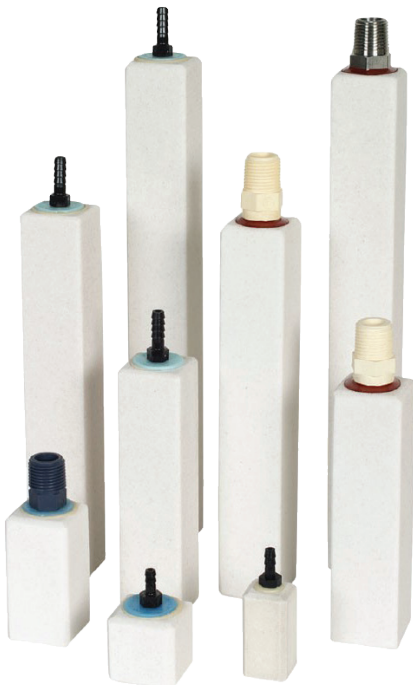


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