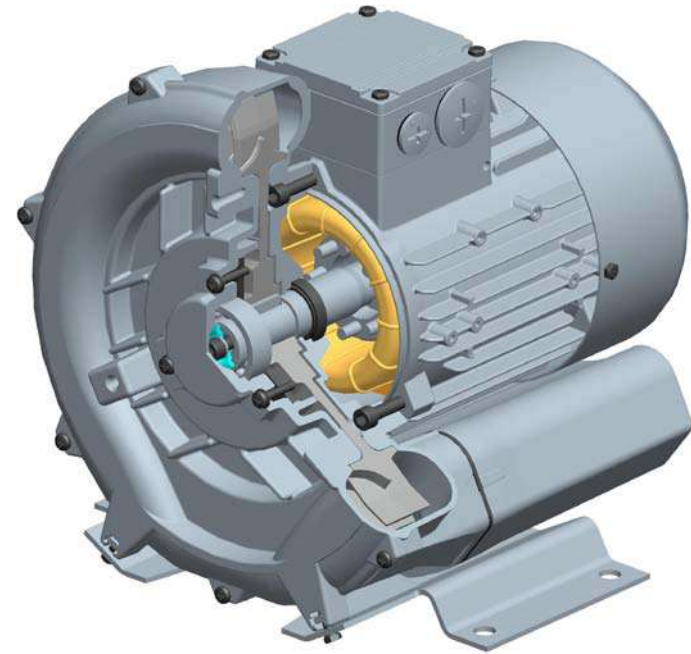
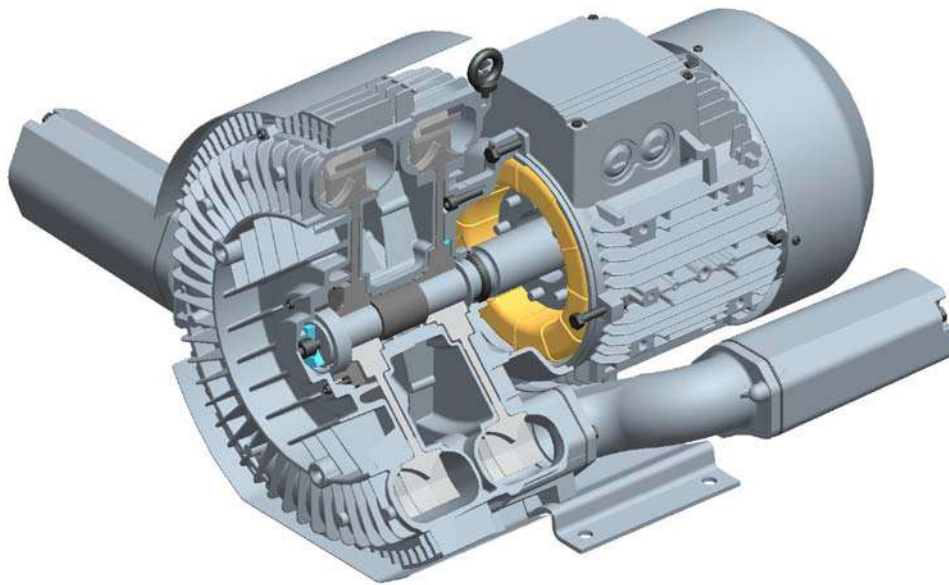


G-200 Single and double stage



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G-Series

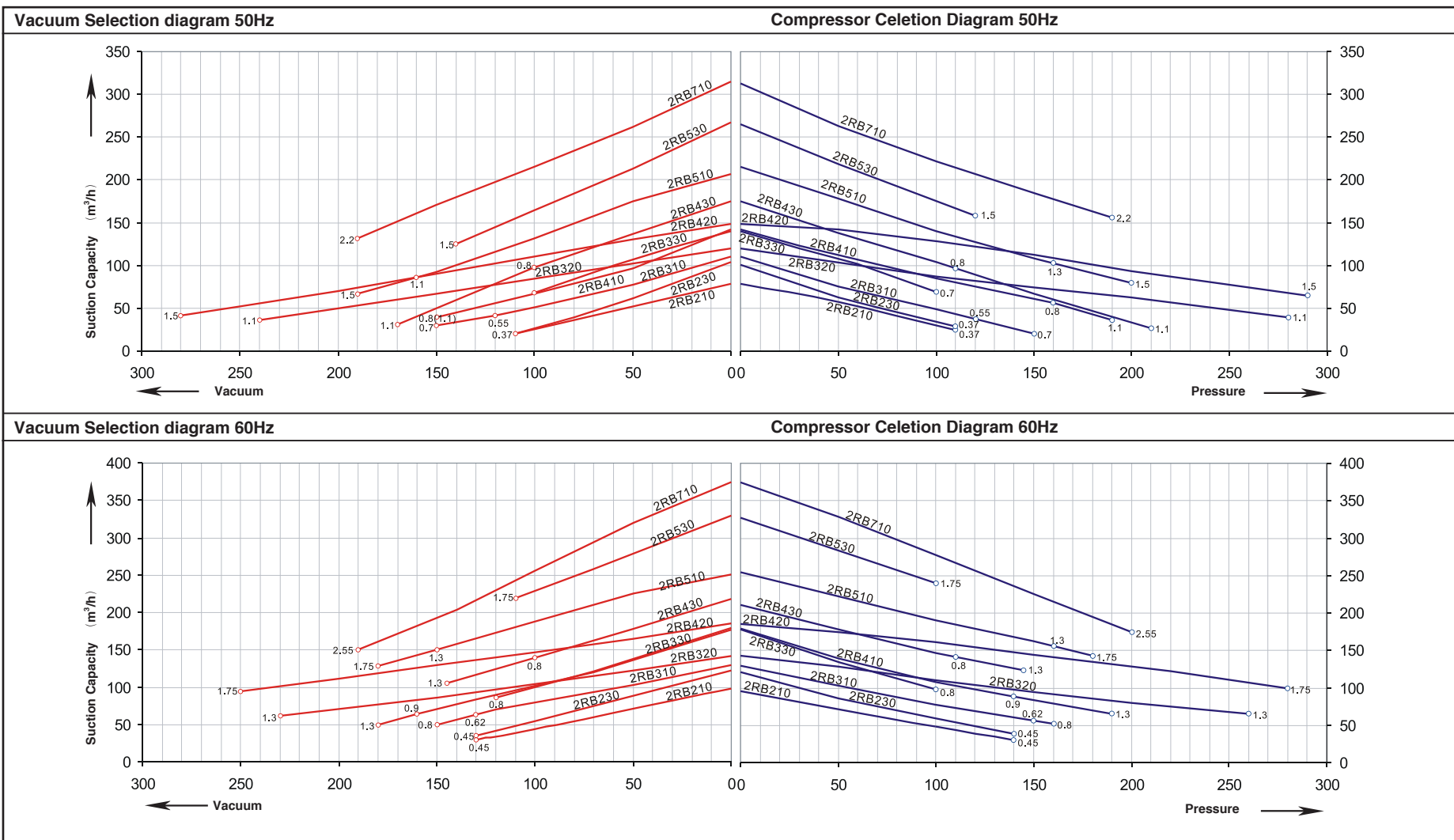
Selection and ordering data for side channel blowers in vacuum and pressure operation.single-phase current

Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 210-7AA11	50	0.37	230	2.7	11	53	80	-110	110	1x2Bx2110/...2141
	60	0.45	230	3.0		56	96	-130	140	1x2Bx2114/...2142
• 2RB 230-7AA11	50	0.37	230	2.7	11	54	100	-110	110	1x2Bx2110/...2141
	60	0.45	230	3.0		57	120	-130	140	1x2Bx2114/...2142
• 2RB 310-7AA01	50	0.55	230	3.7	13	55	100	-120	120	1x2Bx2114/...2142
	60	0.62	230	4.5		57	120	-130	150	1x2Bx2114/...2142
• 2RB 310-7AA11	50	0.7	230	4.8	14	55	100	-150	150	1x2Bx2114/...2142
	60	0.8	230	4.1		57	120	-150	160	1x2Bx2114/...2142
• 2RB 320-7HA31	50	1.1	230	7.3	17	58	120	-240	280	1x2Bx2110/...2141
	60	1.3	230	8.3		60	145	-230	260	1x2Bx2114/...2142
• 2RB 330-7AA11	50	0.7	230	4.8	14	56	145	-100	100	1x2Bx2110/...2141
	60	0.8	230	4.1		58	165	-110	100	1x2Bx2114/...2142
• 2RB 410-7AA11	50	0.8	230	5.2	15	63	145	-150	160	1x2Bx2110/...2141
	60	0.9	230	5.8		64	175	-160	140	1x2Bx2114/...2142
• 2RB 410-7AA21	50	1.1	230	7.3	16	63	145	-150	190	1x2Bx2110/...2141
	60	1.3	230	8.3		64	175	-180	190	1x2Bx2114/...2142
• 2RB 420-7HA31	50	1.5	230	9	26	66	150	-280	290	1x2Bx2110/...2141
	60	1.75	230	10		69	180	-250	280	1x2Bx2114/...2142
• 2RB 430-7AA11	50	0.8	230	5.2	16	64	180	-100	110	1x2Bx2110/...2141
	60	0.9	230	5.8		66	210	-100	110	1x2Bx2110/...2141
• 2RB 430-7AA21	50	1.1	230	7.3	17	64	180	-170	210	1x2Bx2110/...2141
	60	1.3	230	8.3		66	210	-145	145	1x2Bx2114/...2142
• 2RB 510-7AA11	50	1.1	230	7.3	21	64	210	-160	160	1x2Bx2110/...2145
	60	1.3	230	8.3		70	255	-150	160	1x2Bx2110/...2146
• 2RB 510-7AA21	50	1.5	230	9	24	64	210	-190	200	1x2Bx2110/...2145
	60	1.75	230	10		70	255	-180	180	1x2Bx2110/...2146
• 2RB 530-7AA21	50	1.5	230	9	26	65	270	-140	120	1x2Bx2110/...2145
	60	1.75	230	10		71	330	-110	100	1x2Bx2110/...2146
• 2RB 710-7AA11	50	2.2	230	12.8	30	72	318	-190	190	1x2Bx2110/...2141
	60	2.55	230	12.8		74	376	-190	200	1x2Bx2114/...2146

2RB Series Selection diagram 50/60Hz 1AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.



2RB 1AC



G-Series

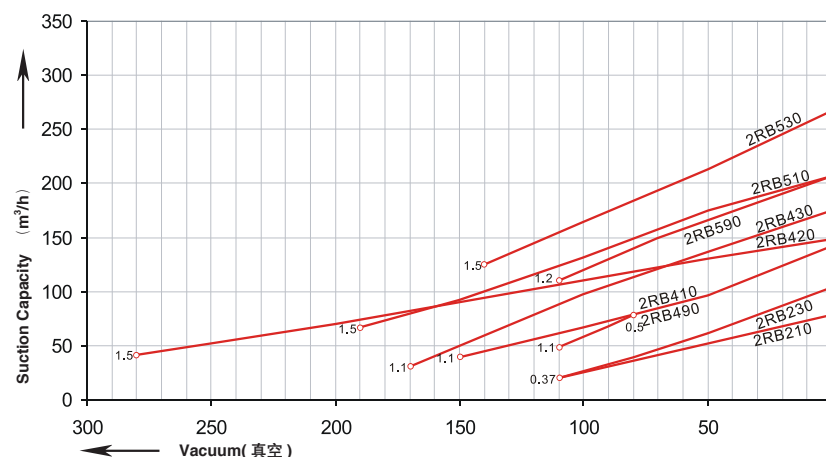
Selection and ordering data for side channel blowers in vacuum and pressure operation.single-phase current

Order No.	MOTOR				Weight approx.	Sound-pressure	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief valve
• available ex stock	Fre-quency	output	rated voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 210-7AV15	50	0.37	115/230	5.4/2.7	11	53	80	-110	110	1x2Bx2110/...2141
	60	0.45	115/230	6.0/3.0		56	96	-130	140	1x2Bx2114/...2142
• 2RB 230-7AV15	50	0.37	115/230	5.4/2.7	17	54	101	-110	110	1x2Bx2110/...2141
	60	0.45	115/230	6.0/3.0		57	121	-130	140	1x2Bx2114/...2142
• 2RB 410-7AV25	50	1.1	115/230	14.6/7.3	16	63	148	-150	190	1x2Bx2110/...2141
	60	1.3	115/230	16.6/8.3		64	190	-180	190	1x2Bx2114/...2142
• 2RB 420-7AV45	50	1.5	115/230	22/11	27	66	150	-250	260	1x2Bx2110/...2141
	60	1.75	115/230	24/12		69	190	-250	270	1x2Bx2114/...2142
• 2RB 430-7AV25	50	1.1	115/230	14.6/7.3	16	64	180	-170	170	1x2Bx2110/...2141
	60	1.3	115/230	16.6/8.3		65	212	-180	180	1x2Bx2110/...2141
• 2RB 490-7AA11	50	0.5	230	4.1	16	63	140	-80	90	-
• 2RB 490-7AB16	60	0.62	115	10	16	64	102	-110	110	-
• 2RB 490-7AV25	50	1.1	115/230	14.6/7.3	16	63	142	-110	120	1x2Bx2110/...2141
	60	1.3	115/230	16.6/8.3		64	172	-140	190	1x2Bx2114/...2142
• 2RB 510-7AV35	50	1.5	115/230	22/11	26	64	210	-190	200	1x2Bx2110/...2145
	60	1.75	115/230	24/12		70	255	-180	180	1x2Bx2110/...2146
• 2RB 530-7AV35	50	1.5	115/230	22/11	26	65	270	-140	120	1x2Bx2110/...2141
	60	1.75	115/230	24/12		71	325	-110	100	1x2Bx2114/...2146
• 2RB 590-7AA21	50	1.2	230	7.9	21	64	210	-110	130	-
• 2RB 590-7AB26	60	1.75	115	21.5	21	70	255	-160	140	-

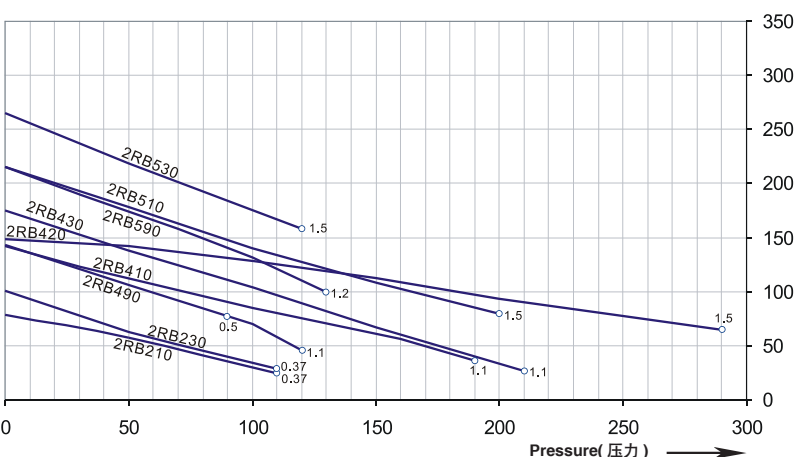


The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.

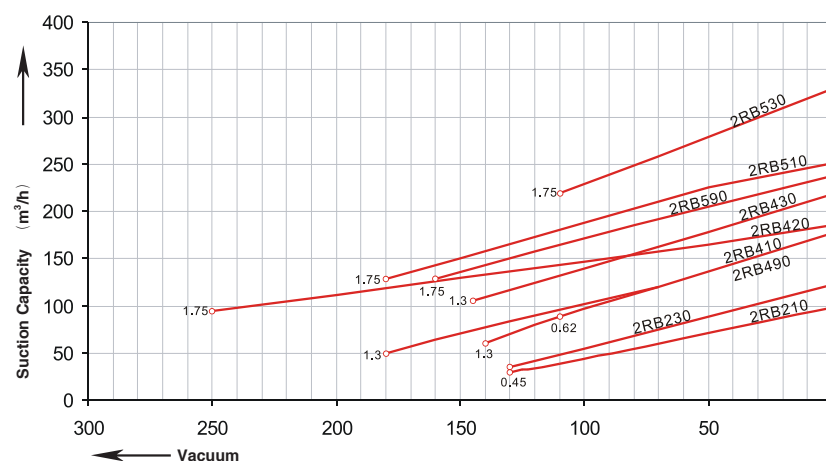
Vacuum Selection diagram 50Hz



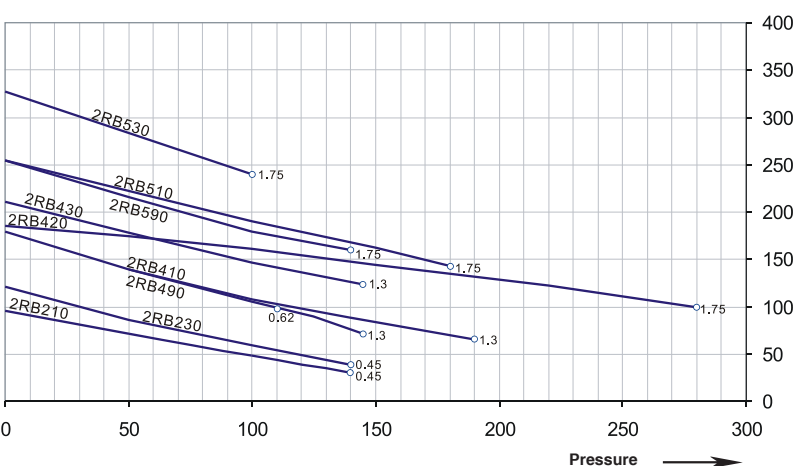
Compressor Celetion Diagram 50Hz



Vacuum Selection diagram 60Hz



Compressor Celetion Diagram 60Hz





G-Series

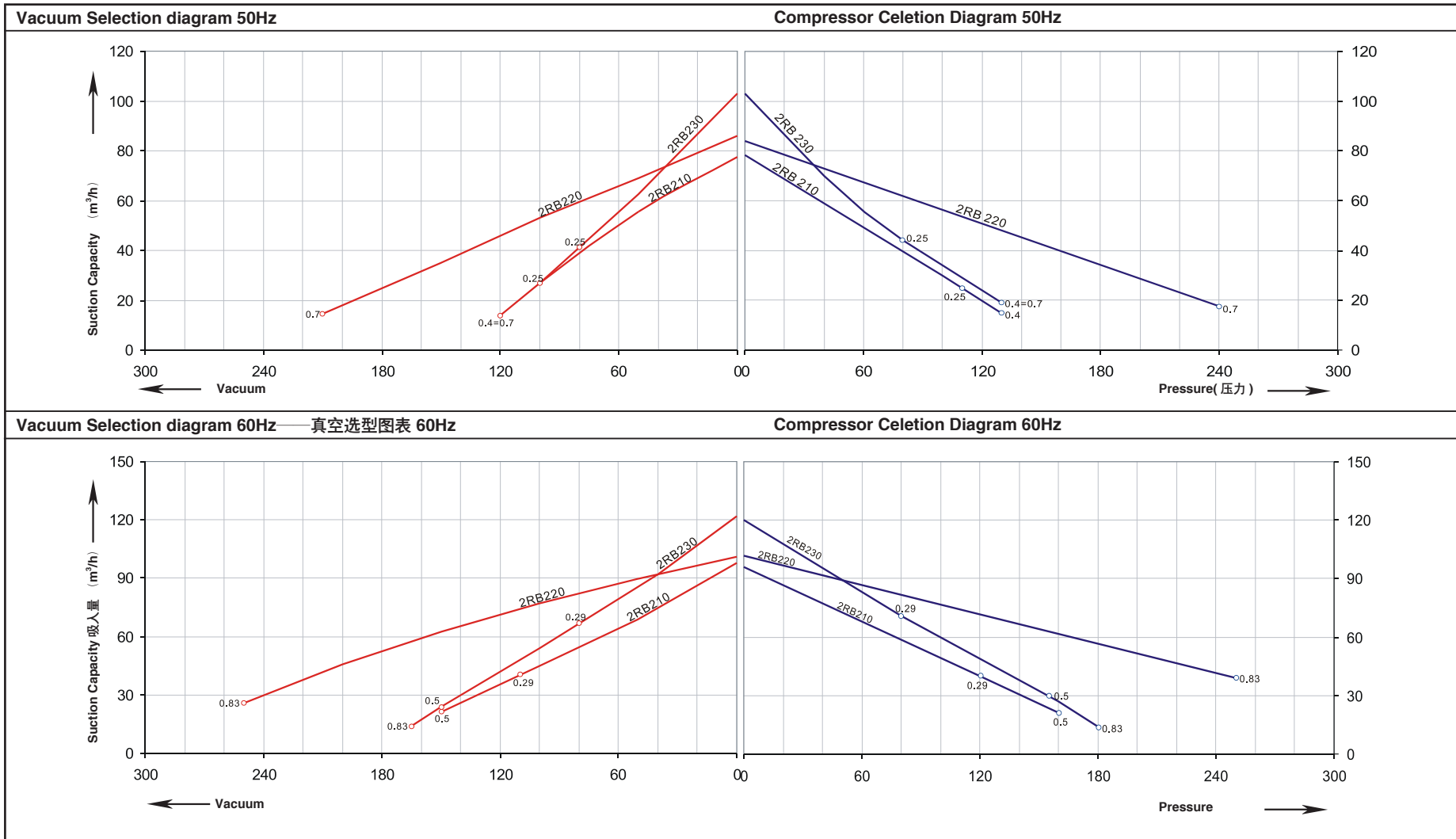
Selection and ordering data for side channel blowers in vacuum and pressure operation.

Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre-	rated			approx.	pressure				valve
	quency	output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m ³ /h	mbar	mbar	
• 2RB 210-7AH06	50	0.25	200-240 △ /345-415	2.1 △ /1.2Y	9	53	80	-100	110	1x...2110/...2141
	60	0.29	220-275 △ /380-480	2.0 △ /1.15Y		56	98	-110	120	1x...2114/...2142
• 2RB 210-7AH16	50	0.4	200-240 △ /345-415	2.6 △ /1.5Y	10	53	80	-120	130	1x...2110/...2141
	60	0.5	220-275 △ /380-480	2.6 △ /1.5Y		56	98	-150	160	1x...2114/...2142
• 2RB 220-7HH26	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	15	55	85	-210	240	1x...2110/...2141
	60	0.83	220-275 △ /380-480	3.75 △ /2.15Y		61	102	-250	250	1x...2114/...2142
• 2RB 230-7AH06	50	0.25	200-240 △ /345-415	2.1 △ /1.2Y	10	54	105	-80	80	1x...2110/...2141
	60	0.29	220-275 △ /380-480	1.7 △ /1.0Y		57	120	-80	80	1x...2114/...2142
• 2RB 230-7AH16	50	0.4	200-240 △ /345-415	2.6 △ /1.5Y	11	54	105	-120	130	1x...2110/...2141
	60	0.5	220-275 △ /380-480	2.6 △ /1.5Y		57	120	-150	155	1x...2114/...2142
• 2RB 230-7AH26	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	12	54	105	-120	130	1x2Bx2110/...2141
	60	0.83	220-275 △ /380-480	3.8 △ /2.2Y		57	120	-165	180	2x2Bx2114/...2142

2RB2 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.





G-Series

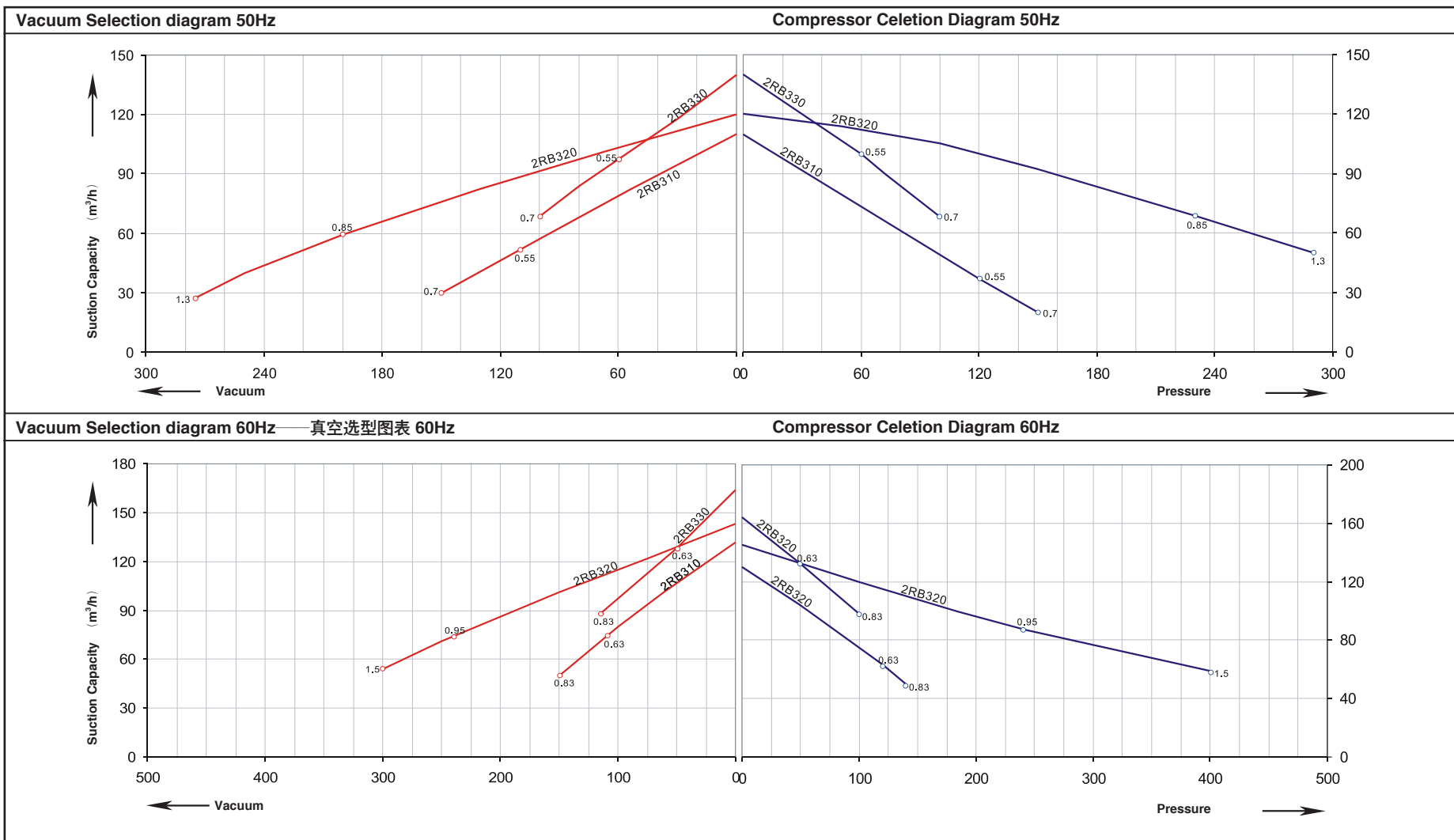
Selection and ordering data for side channel blowers in vacuum and pressure operation.

Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre-	rated			approx.	pressure				valve
	quency	output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m ³ /h	mbar	mbar	
• 2RB 310-7AH06	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	11	55	100	-110	120	1×2B×2110/...2141
	60	0.63	220-275 △ /380-480	3.0 △ /1.7Y		57	120	-110	120	1×2B×2114/...2142
• 2RB 310-7AH16	50	0.75	200-240 △ /345-415	3.8 △ /2.2Y	12	55	100	-150	150	1×2B×2110/...2141
	60	0.83	220-275 △ /380-480	3.8 △ /2.2Y		57	120	-150	140	1×2B×2114/...2142
• 2RB 320-7HH26	50	0.85	200-240 △ /345-415	4.2 △ /2.4Y	17	58	110	-200	230	1×2B×2110/...2141
	60	0.95	220-275 △ /380-480	4.0 △ /2.3Y		60	130	-240	240	1×2B×2114/...2142
• 2RB 320-7HH36	50	1.3	200-240 △ /345-415	5.7 △ /3.3Y	18	58	110	-280	290	1×2B×2110/...2141
	60	1.5	220-275 △ /380-480	6.0 △ /3.5Y		60	130	-300	400	1×2B×2114/...2142
• 2RB 330-7AH06	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	12	56	140	-60	60	1×2B×2110/...2141
	60	0.63	220-275 △ /380-480	3.0 △ /1.7Y		58	165	-50	50	1×2B×2114/...2142
• 2RB 330-7AH16	50	0.75	200-240 △ /345-415	3.8 △ /2.2Y	13	56	140	-100	100	1×2B×2110/...2141
	60	0.83	220-275 △ /380-480	3.8 △ /2.2Y		58	165	-115	100	1×2B×2114/...2142

2RB3 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.





G-Series

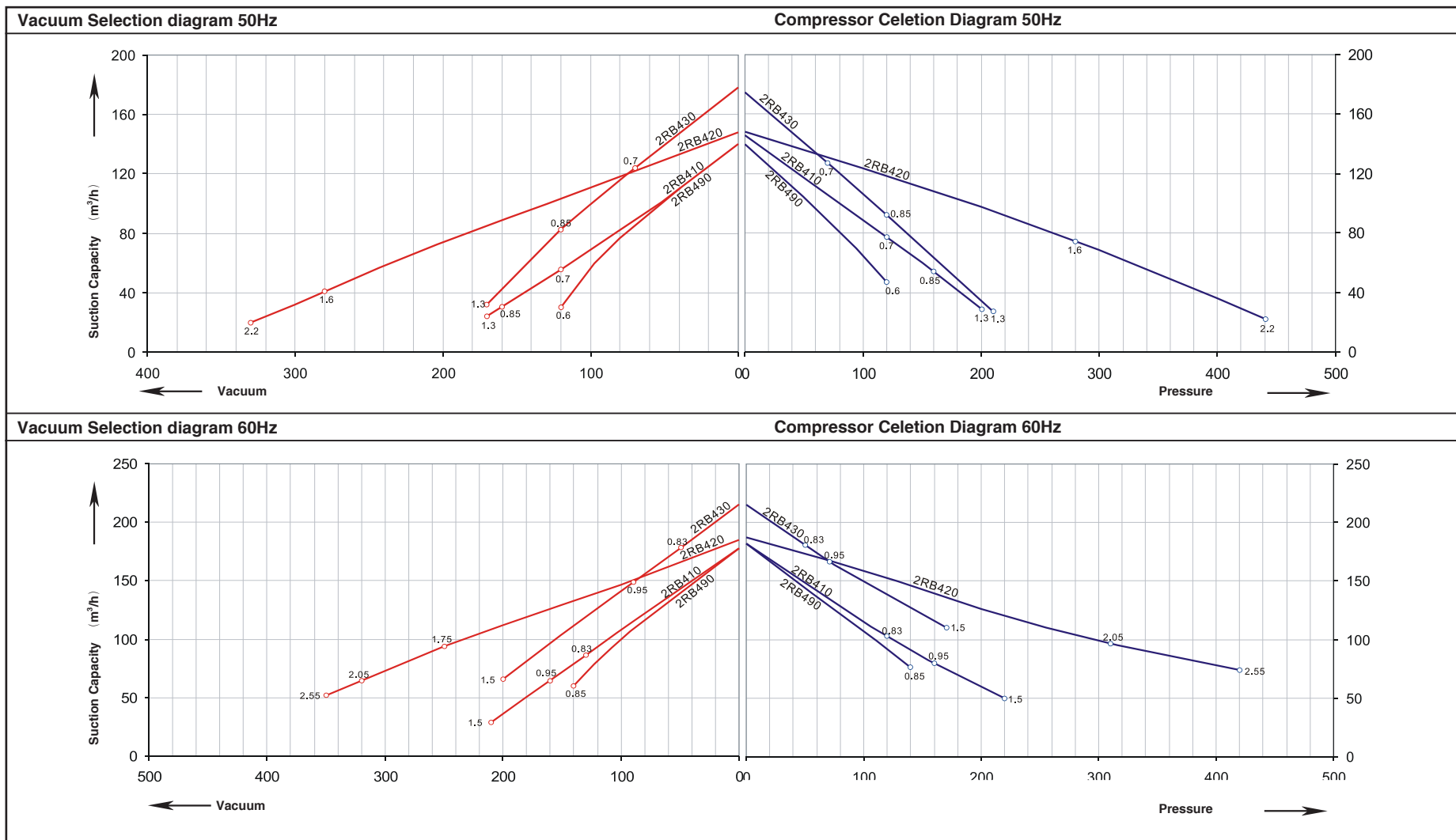
Selection and ordering data for side channel blowers in vacuum and pressure operation.

Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items× type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 410-7AH06	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	13	63	145	-120	120	1×...2110/...2141
	60	0.83	220-275 △ /380-480	3.75 △ /2.15Y		64	175	-130	130	1×...2114/...2142
• 2RB 410-7AH16	50	0.85	200-240 △ /345-415	4.0 △ /2.3Y	16	63	145	-160	160	1×...2110/...2141
	60	0.95	220-275 △ /380-480	3.85 △ /2.25Y		64	175	-160	160	1×...2114/...2142
• 2RB 410-7AH26	50	1.3	200-240 △ /345-415	5.7 △ /3.3Y	17	63	145	-170	200	1×...2110/...2141
	60	1.5	220-275 △ /380-480	6.0 △ /3.5Y		64	175	-210	220	1×...2114/...2142
• 2RB 420-7HH36	50	1.6	200-240 △ /345-415	7.5 △ /4.3Y	25	66	150	-280	280	1×2B×2110/...2141
	60	2.05	220-275 △ /380-480	7.6 △ /4.4Y		69	180	-320	310	2×2B×2114/...2142
• 2RB 420-7HH46	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	27	66	150	-330	440	1×2B×2110/...2141
	60	2.55	220-275 △ /380-480	10.0 △ /5.8Y		69	180	-350	420	1×2B×2114/...2142
• 2RB 430-7AH06	50	0.7	200-240 △ /345-415	3.8 △ /2.2Y	14	64	180	-70	70	1×...2110/...2141
	60	0.83	220-275 △ /380-480	3.8 △ /2.2Y		65	210	-50	50	2×...2114/...2142
• 2RB 430-7AH16	50	0.85	200-240 △ /345-415	4.2 △ /2.4Y	17	64	180	-120	120	1×...2110/...2141
	60	0.95	220-275 △ /380-480	4.0 △ /2.3Y		65	210	-90	70	2×...2114/...2142
• 2RB 430-7AH26	50	1.3	200-240 △ /345-415	6.6 △ /3.8Y	18	64	180	-170	220	1×...2110/...2141
	60	1.5	220-275 △ /380-480	6.9 △ /4.0Y		65	210	-200	160	1×...2114/...2142
• 2RB 490-7AH16	50	0.6	200-240 △ /345-415	2.8 △ /1.6Y	14	63	140	-120	120	——
	60	0.85	220-275 △ /380-480	3.6 △ /2.1Y		64	175	-140	140	——

2RB4 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.





G-Series

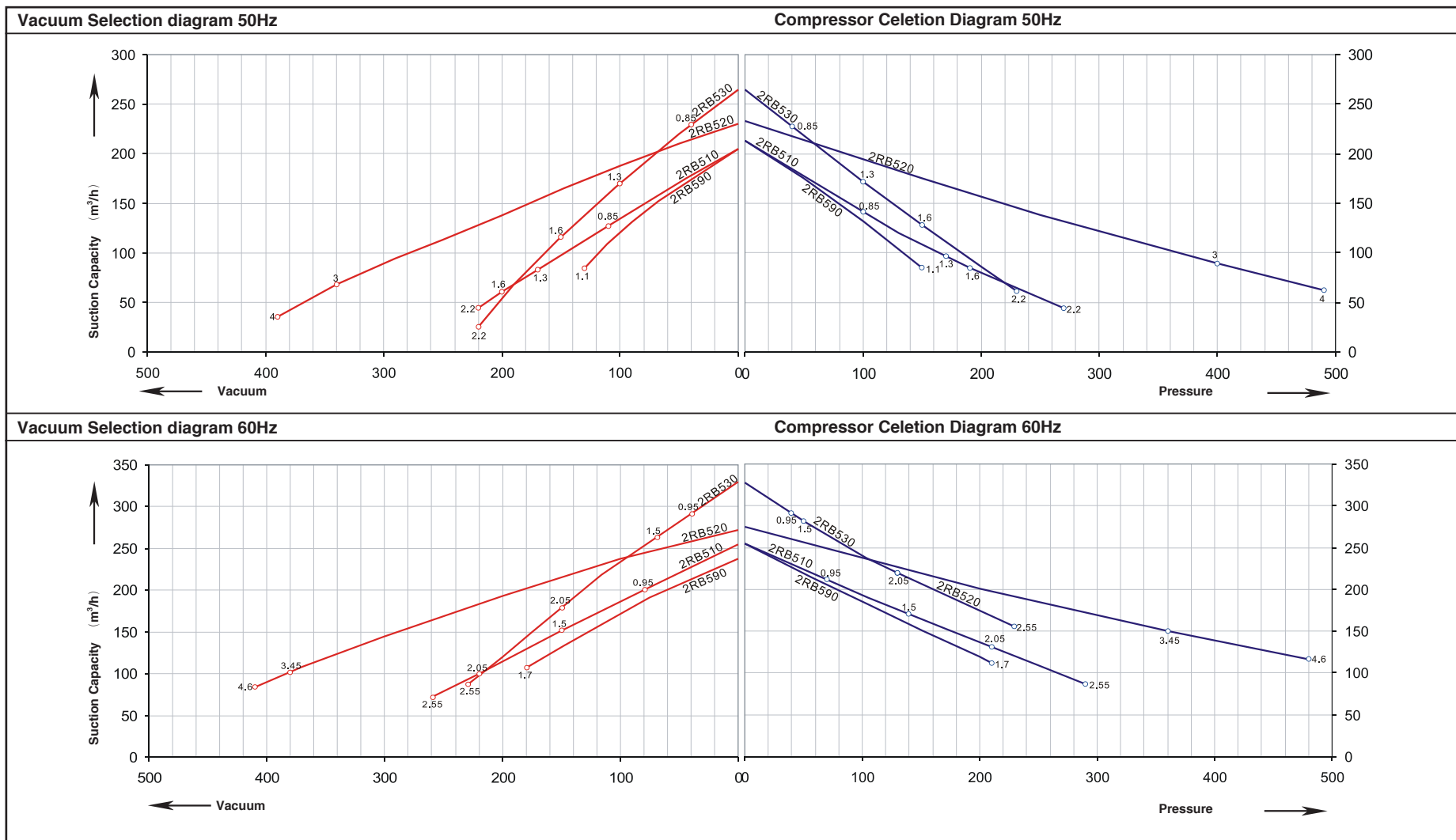
Selection and ordering data for side channel blowers in vacuum and pressure operation.

Order No.	MOTOR				Weight approx.	Sound-pressure	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief valve
• available ex stock	Fre-quency	output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 510-7AH06	50	0.85	200-240 △ /345-415	4.0 △ /2.3Y	20	64	210	-110	100	1x...2110/...2145
	60	0.95	220-275 △ /380-480	4.2 △ /2.3Y		70	255	-80	70	1x...2114/...2146
• 2RB 510-7AH16	50	1.3	200-240 △ /345-415	6.6 △ /3.8Y	22	64	210	-170	170	1x...2110/...2145
	60	1.5	220-275 △ /380-480	6.9 △ /4.0Y		70	255	-150	140	1x...2114/...2146
• 2RB 510-7AH26	50	1.6	200-240 △ /345-415	7.5 △ /4.3Y	23	64	210	-200	190	1x...2110/...2145
	60	2.05	220-275 △ /380-480	7.6 △ /4.4Y		70	255	-220	210	1x...2114/...2146
• 2RB 510-7AH36	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	25	64	210	-220	270	1x...2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		70	255	-260	290	1x...2114/...2146
• 2RB 520-7HH46	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	40	72	230	-340	410	1x2Bx2110/...2145
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		74	275	-380	360	1x2Bx2114/...2146
• 2RB 520-7HH57	50	4.0	345-415 △ /600-720	10.0 △ /5.8Y	44	72	230	-390	490	1x2Bx2110/...2145
	60	4.6	380-480 △ /660-720	9.9 △ /5.71Y		74	275	-410	480	1x2Bx2114/...2146
• 2RB 530-7AH06	50	0.85	200-240 △ /345-415	4.0 △ /2.3Y	21	65	270	-40	40	1x...2110/...2145
	60	0.95	220-275 △ /380-480	4.2 △ /2.4Y		71	330	-40	40	1x...2114/...2146
• 2RB 530-7AH16	50	1.3	200-240 △ /345-415	6.6 △ /3.8Y	23	65	270	-100	100	1x...2110/...2145
	60	1.5	220-275 △ /380-480	6.9 △ /4.0Y		71	330	-70	50	1x...2114/...2146
• 2RB 530-7AH26	50	1.6	200-240 △ /345-415	7.5 △ /4.3Y	24	65	270	-150	150	1x...2110/...2145
	60	2.05	220-275 △ /380-480	7.6 △ /4.4Y		71	330	-150	130	1x...2114/...2146
• 2RB 530-7AH36	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	26	65	270	-220	230	1x...2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		71	330	-230	210	1x...2110/...2146
• 2RB 590-7AH26	50	1.1	200-240 △ /345-415	5.7 △ /3.3Y	23	64	210	-130	150	-
	60	1.7	220-275 △ /380-480	6.0 △ /3.5Y		71	255	-180	210	-

2RB5 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.





G-Series

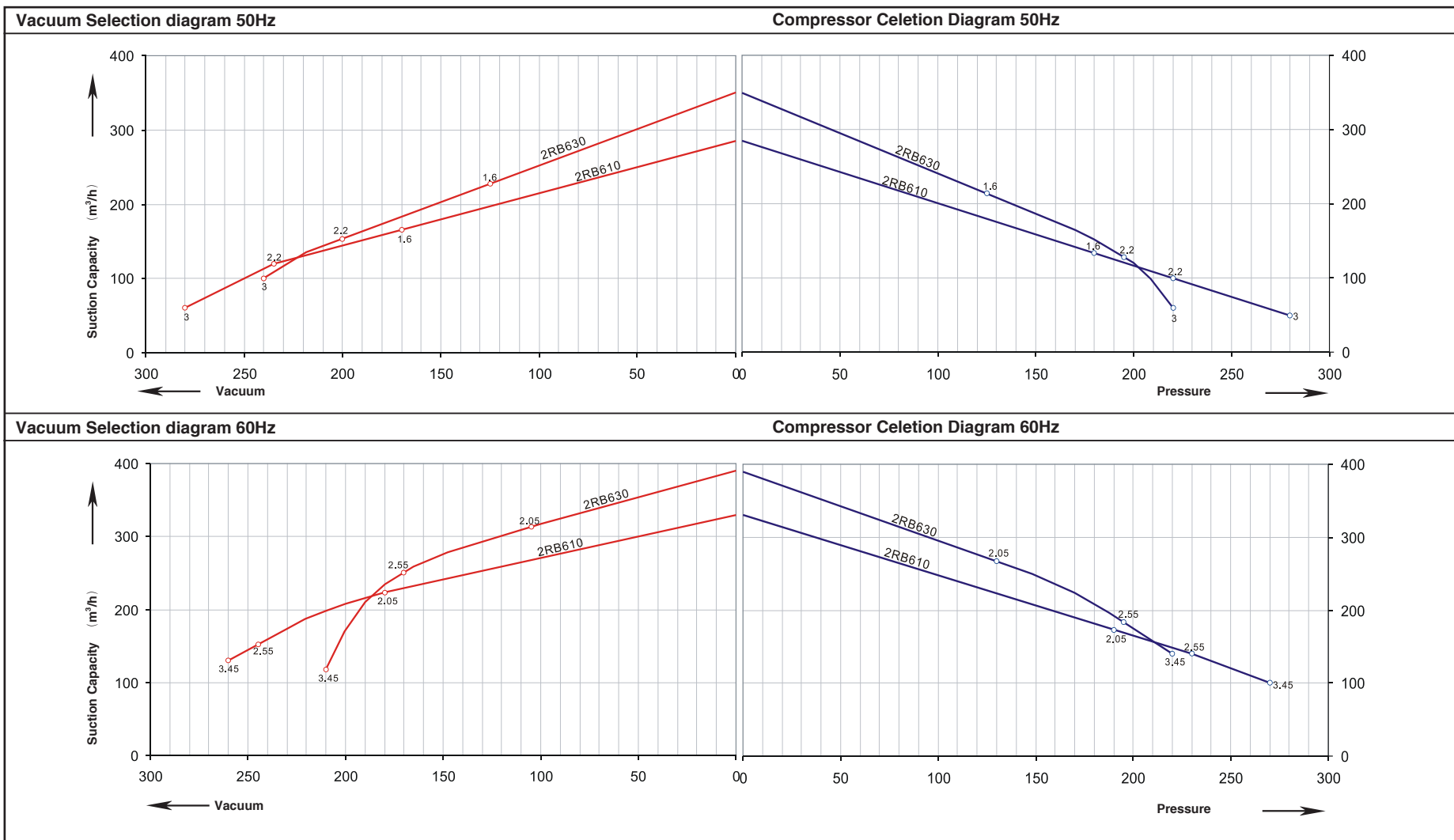
Selection and ordering data for side channel blowers in vacuum and pressure operation.

Order No.	MOTOR				Weight approx.	Sound-pressure	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief valve
• available ex stock	Fre-quency	output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 610-7AH06	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	25	68	265	-170	180	1x...2110/...2145
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		70	315	-180	190	1x...2114/...2146
• 2RB 610-7AH16	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	28	69	265	-235	220	1x...2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		72	315	-245	230	1x...2114/...2146
• 2RB 610-7AH26	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	34	69	265	-280	280	1x...2110/...2145
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		72	315	-260	270	1x...2114/...2146
• 2RB 630-7AH06	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	26	70	345	-125	125	1x...2110/...2145
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		73	415	-105	130	1x...2114/...2146
• 2RB 630-7AH16	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	29	70	345	-200	195	1x...2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		73	415	-170	195	1x...2114/...2146
• 2RB 630-7AH26	50	3.0	345-415 △ /600-720	12.5 △ /7.2Y	35	70	345	-240	220	1x...2110/...2145
	60	3.45	380-480 △ /660-720	12.6 △ /7.3Y		73	415	-210	220	1x...2114/...2146

2RB6 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.





G-Series

Selection and ordering data for side channel blowers in vacuum and pressure operation.

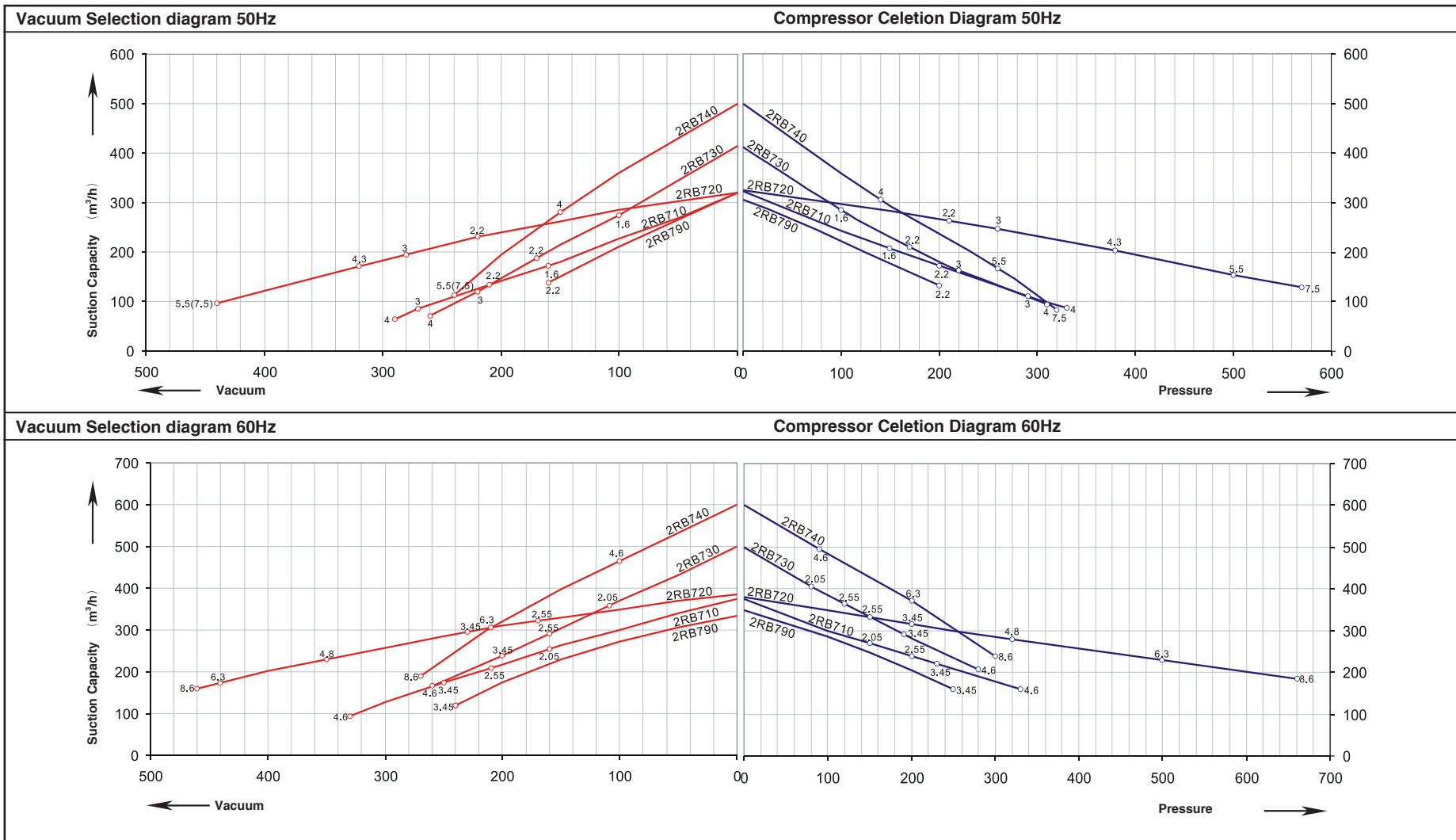
Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 710-7AH06	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	27	69	318	-160	150	1×...2110/...2145
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		72	376	-160	150	1×...2114/...2146
• 2RB 710-7AH16	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	30	69	318	-210	200	1×...2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		72	376	-210	200	1×...2114/...2146
• 2RB 710-7AH26	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	36	69	318	-270	290	1×...2110/...2145
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		72	376	-250	230	1×...2114/...2146
• 2RB 710-7AH37	50	4.0	345-415 △ /600-720	9.0 △ /5.2Y	40	69	318	-290	330	1×...2110/...2145
	60	4.6	380-480 △ /660-720	9.0 △ /5.2Y		72	376	-230	330	1×...2114/...2146
• 2RB 720-7HH16	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	43	73	320	-220	210	1×2B×2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		76	380	-170	150	2×2B×2114/...2146
• 2RB 720-7HH26	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	48	73	320	-280	260	1×2B×2110/...2145
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		76	380	-230	200	2×2B×2114/...2146
• 2RB 720-7HH37	50	4.3	345-415 △ /600-720	10.0 △ /5.2Y	54	73	320	-360	380	1×2B×2110/...2145
	60	4.8	380-480 △ /660-720	10.4 △ /6.0Y		76	380	-350	320	1×2B×2114/...2146
• 2RB 720-7HH47	50	5.5	345-415 △ /600-720	13.3 △ /7.7Y	66	73	320	-440	500	1×2B×2110/...2145
	60	6.3	380-480 △ /660-720	13.3 △ /7.7Y		76	380	-440	500	1×2B×2114/...2146
• 2RB 720-7HH57	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	73	73	320	-440	570	1×2B×2110/...2145
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		76	380	-460	660	1×2B×2114/...2146
• 2RB 730-7AH06	50	1.6	200-240 △ /345-415	8.5 △ /4.9Y	29	70	420	-100	100	1×...2110/...2145
	60	2.05	220-275 △ /380-480	8.8 △ /5.1Y		73	500	-110	80	3×...2114/...2146
• 2RB 730-7AH16	50	2.2	200-240 △ /345-415	9.7 △ /5.6Y	32	70	420	-170	170	1×...2110/...2145
	60	2.55	220-275 △ /380-480	10.3 △ /6.0Y		73	500	-160	120	2×...2114/...2146
• 2RB 730-7AH26	50	3.0	200-240 △ /345-415	12.5 △ /7.2Y	37	70	420	-220	220	1×...2110/...2145
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		73	500	-200	190	2×...2114/...2146
• 2RB 730-7AH37	50	4.0	345-415 △ /600-720	9.0 △ /5.2Y	43	70	420	-260	310	1×...2110/...2145
	60	4.6	380-480 △ /660-720	9.0 △ /5.2Y		73	500	-260	280	2×...2114/...2146
• 2RB 740-7GH37	50	4.0	345-415 △ /600-720	9.0 △ /5.2Y	54	74	500	-150	140	1×2B×2110/...2145
	60	4.6	380-480 △ /660-720	9.0 △ /5.2Y		78	600	-100	90	2×2B×2114/...2146
• 2RB 740-7GH47	50	5.5	345-415 △ /600-720	13.3 △ /7.7Y	69	74	500	-240	260	1×2B×2110/...2145
	60	6.3	380-480 △ /660-720	13.3 △ /7.7Y		78	600	-210	200	2×2B×2114/...2146
• 2RB 740-7GH57	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	75	74	500	-240	320	1×2B×2110/...2145
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		78	600	-270	300	1×2B×2114/...2146
• 2RB 790-7AH26	50	2.2	200-240 △ /345-415	12.5 △ /7.2Y	36	69	320	-160	200	-
	60	3.45	220-275 △ /380-480	12.6 △ /7.3Y		72	370	-240	250	-

2RB7 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.

G-200





G-Series

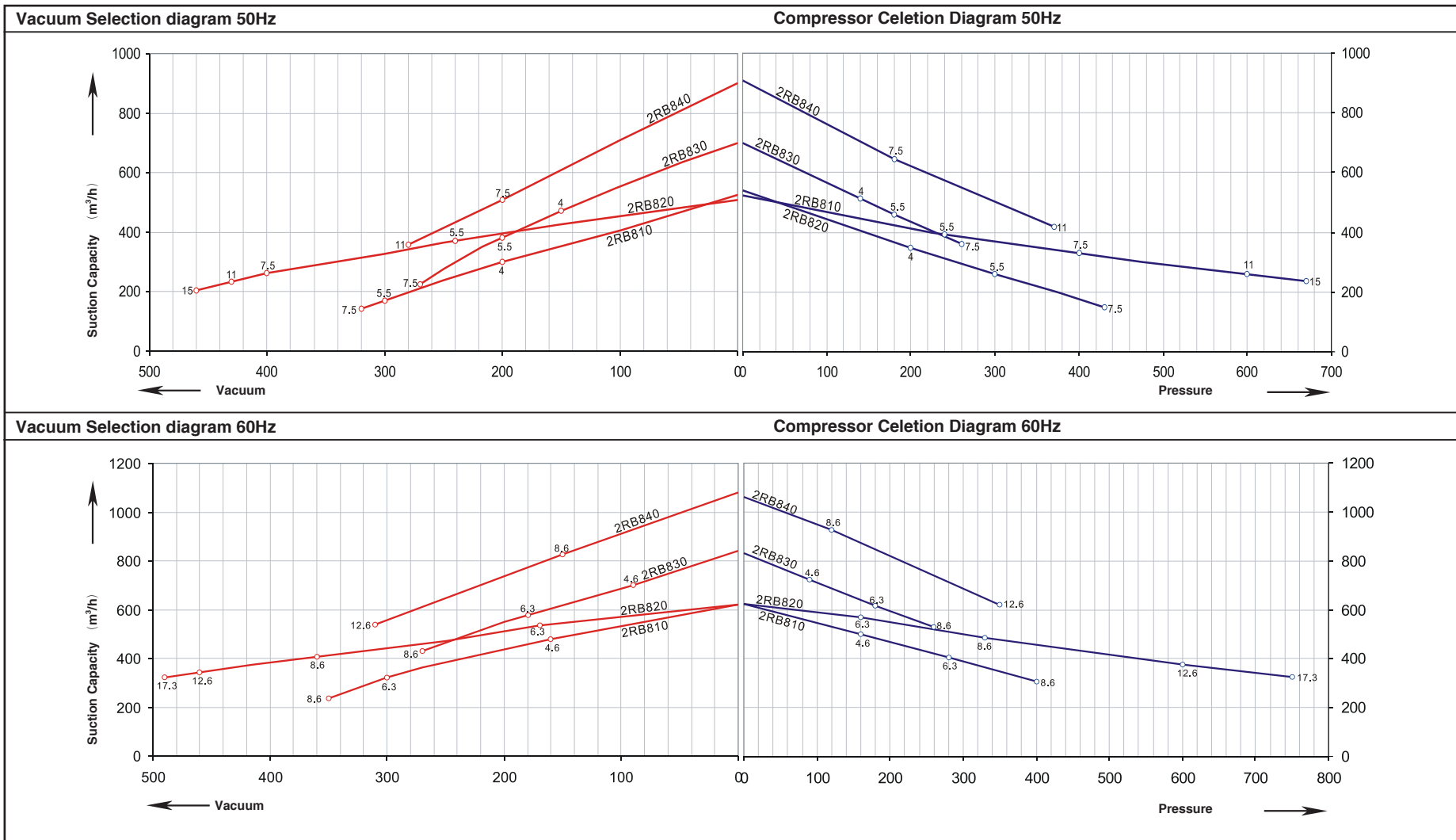
Selection and ordering data for side channel blowers in vacuum and pressure operation.

Order No.	MOTOR				Weight approx.	Sound-pressure	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief valve
• available ex stock	Fre-quency	output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 810-7AH07	50	4.0	345-415 △ /600-720	9.5 △ /5.5Y	54	70	530	-200	200	1×2B×4740/...4840
	60	4.6	380-480 △ /660-720	9.5 △ /5.5Y		74	620	-160	160	1×2B×4744/...4844
• 2RB 810-7AH17	50	5.5	345-415 △ /600-720	12.9 △ /7.4Y	63	70	530	-300	300	1×2B×4740/...4840
	60	6.3	380-480 △ /660-720	12.9 △ /7.45Y		74	620	-300	280	1×2B×4744/...4844
• 2RB 810-7AH27	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	66	70	530	-320	430	1×2B×4740/...4840
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		74	620	-350	400	1×2B×4744/...4844
• 2RB 820-7HH17	50	5.5	345-415 △ /600-720	13.3 △ /7.7Y	83	74	520	-240	240	1×2B×4740/...4840
	60	6.3	380-480 △ /660-720	13.3 △ /7.7Y		78	620	-170	160	1×2B×4744/...4844
• 2RB 820-7HH27	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	86	74	520	-400	400	1×2B×4740/...4840
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		78	620	-360	330	2×2B×4744/...4844
• 2RB 820-7HH37	50	11.0	345-415 △ /600-720	28.0 △ /16.2Y	104	74	520	-430	600	1×2B×4740/...4840
	60	12.6	380-480 △ /660-720	29.0 △ /16.7Y		78	620	-460	600	2×2B×4744/...4844
• 2RB 820-7HH47	50	15.0	345-415 △ /600-720	32.5 △ /18.8Y	120	74	520	-460	670	1×2B×4740/...4840
	60	17.3	380-480 △ /660-720	34.5 △ /19.9Y		78	620	-490	750	1×2B×4744/...4844
• 2RB 830-7AH07	50	4.0	345-415 △ /600-720	9.5 △ /5.5Y	57	70	700	-150	140	1×2B×2110/...2145
	60	4.6	380-480 △ /660-720	9.5 △ /5.5Y		74	840	-90	90	1×2B×4744/...4844
• 2RB 830-7AH17	50	5.5	345-415 △ /600-720	12.9 △ /7.4Y	66	70	700	-200	180	1×2B×2110/...2145
	60	6.3	380-480 △ /660-720	12.9 △ /7.45Y		74	840	-180	180	1×2B×4744/...4844
• 2RB 830-7AH27	50	7.6	345-415 △ /600-720	16.7 △ /9.6Y	69	70	700	-270	260	1×2B×2110/...2145
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		74	840	-270	260	1×2B×4744/...4844
• 2RB 840-7HH27	50	7.5	345-415 △ /600-720	16.7 △ /9.6Y	91	74	900	-200	180	1×2B×4740/...4840
	60	8.6	380-480 △ /660-720	17.3 △ /10.0Y		78	1050	-150	120	1×2B×4744/...4844
• 2RB 840-7HH37	50	11.0	345-415 △ /600-720	28.0 △ /16.2Y	110	74	900	-280	370	1×2B×4740/...4840
	60	12.6	380-480 △ /660-720	29.0 △ /16.7Y		78	1050	-310	350	1×2B×4744/...4844

2RB8 Series Selection diagram 50/60Hz 3AC



The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.





G-Series

Selection and ordering data for side channel blowers in vacuum and pressure operation.

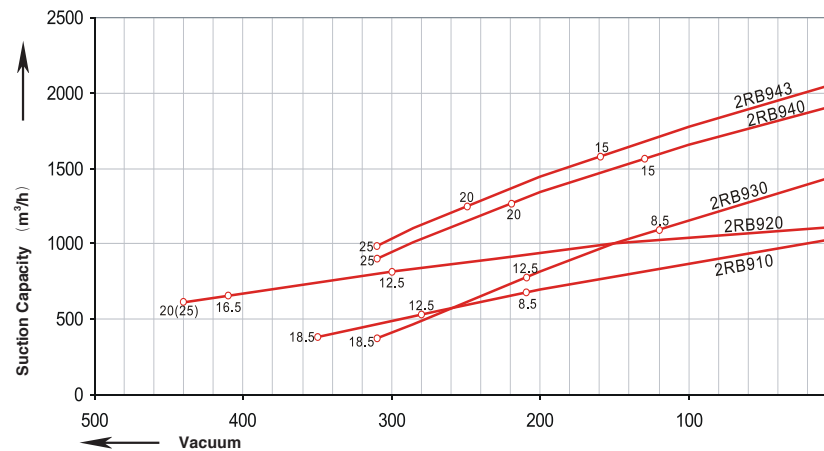
Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 2RB 910-7AH07	50	8.5	345-415 △ /600-720	18.2 △ /10.5Y	93	74	1050	-210	210	1×...750/...860
	60	9.8	380-480 △ /660-720	18.2 △ /10.5Y		79	1250	-180	180	1×...754/...864
• 2RB 910-7AH17	50	12.5	345-415 △ /600-720	28.0 △ /16.2Y	116	74	1050	-280	270	1×...750/...860
	60	14.5	380-480 △ /660-720	29.0 △ /16.7Y		79	1250	-270	260	1×...754/...864
• 2RB 910-7AH37	50	18.5	345-415 △ /600-720	37.0 △ /21.0Y	126	74	1050	-340	460	1×...750/...860
	60	21.3	380-480 △ /660-720	39.0 △ /22.5Y		79	1250	-380	420	1×...754/...864
• 2RB 920-7HH17	50	12.5	345-415 △ /600-720	28.0 △ /16.2Y	187	74	1110	-300	270	1×...750/...860
	60	14.5	380-480 △ /660-720	29.0 △ /16.7Y		78	1310	-220	200	1×...754/...864
• 2RB 920-7HH27	50	16.5	345-415 △ /600-720	35.0 △ /20.0Y	197	74	1110	-410	370	1×...750/...860
	60	19.0	380-480 △ /660-720	36.5 △ /21.0Y		78	1310	-340	300	1×...754/...864
• 2RB 920-7HH37	50	20.0	345-415 △ /600-720	40.0 △ /23.0Y	204	74	1110	-440	500	1×...750/...860
	60	23.0	380-480 △ /660-720	42.0 △ /24.2Y		78	1310	-440	430	1×...754/...864
• 2RB 920-7HH47	50	25.0	345-415 △ /600-720	52.0 △ /30.0Y	211	74	1110	-440	590	1×...750/...860
	60	29.0	380-480 △ /660-720	52.0 △ /30.0Y		78	1310	-440	540	1×...754/...864
• 2RB 930-7AH07	50	8.5	345-415 △ /600-720	18.2 △ /10.5Y	98	75	1370	-120	110	2×...750/1×...880
	60	9.8	380-480 △ /660-720	18.2 △ /10.5Y		80	1650	-80	70	2×...754/1×...864
• 2RB 930-7AH17	50	12.5	345-415 △ /600-720	28.0 △ /16.2Y	121	75	1370	-210	190	1×...750/...880
	60	14.5	380-480 △ /660-720	29.0 △ /16.7Y		80	1650	-170	160	1×...754/...864
• 2RB 930-7AH37	50	18.5	345-415 △ /600-720	37.0 △ /21.0Y	131	75	1370	-310	320	1×...750/...880
	60	21.3	380-480 △ /660-720	39.0 △ /22.5Y		80	1650	-300	280	1×...754/...864
• 2RB 940-7BH27	50	15.0	345-415 △ /600-720	35.0 △ /20.0Y	187	75	1940	-130	110	2×...750/1×...880
	60	17.5	380-480 △ /660-720	36.5 △ /21.0Y		84	2310	-60	40	2×...754/1×...864
• 2RB 940-7BH37	50	20.0	345-415 △ /600-720	40.0 △ /23.0Y	212	75	1940	-220	200	2×...750/1×...880
	60	23.0	380-480 △ /660-720	42.0 △ /24.2Y		84	2310	-160	130	2×...754/1×...864
• 2RB 940-7BH47	50	25.0	345-415 △ /600-720	52.0 △ /30.0Y	219	75	1940	-310	270	1×...750/...880
	60	29.0	380-480 △ /660-720	52.0 △ /30.0Y		84	2310	-270	220	1×...754/...864
• 2RB 943-7BH27 ¹⁾	50	15.0	345-415 △ /600-720	35.0 △ /20.0Y	220	75	2050	-160	170	2×...750/1×...870
	60	17.5	380-480 △ /660-720	36.5 △ /21.0Y		84	2480	-110	120	2×...754/1×...874
• 2RB 943-7BH37 ¹⁾	50	20.0	345-415 △ /600-720	40.0 △ /23.0Y	230	75	2050	-250	230	2×...750/1×...870
	60	23.0	380-480 △ /660-720	42.0 △ /24.2Y		84	2480	-190	180	2×...754/1×...874
• 2RB 943-7BH47 ¹⁾	50	25.0	345-415 △ /600-720	52.0 △ /30.0Y	235	75	2050	-310	270	2×...750/1×...870
	60	29.0	380-480 △ /660-720	52.0 △ /30.0Y		84	2480	-270	230	2×...754/1×...874

1) 仅安装在末端板 · mounting on the end-casing only

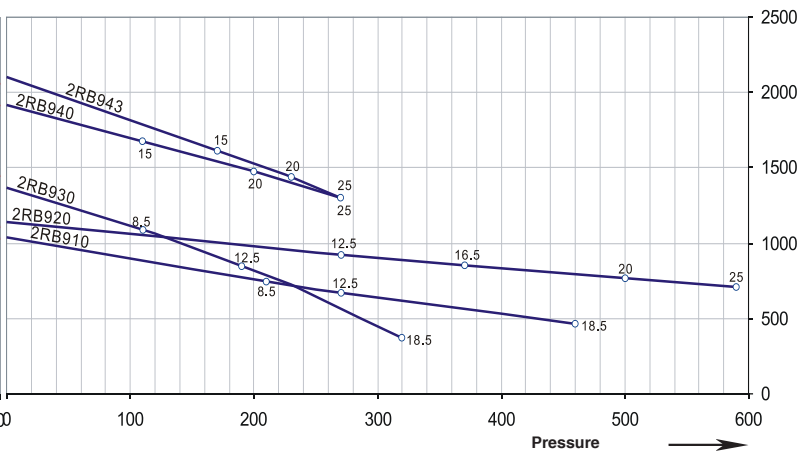


The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.

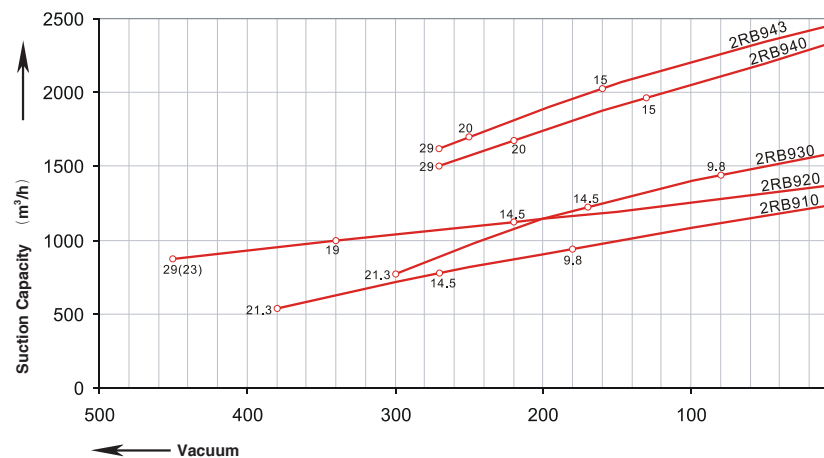
Vacuum Selection diagram 50Hz



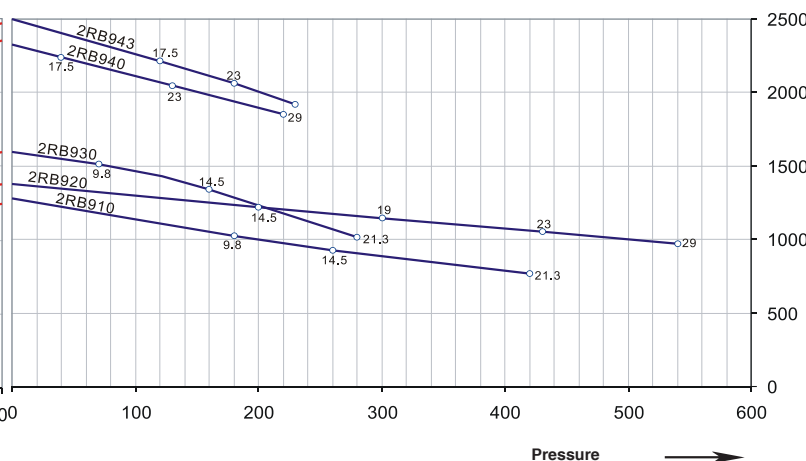
Compressor Celetion Diagram 50Hz



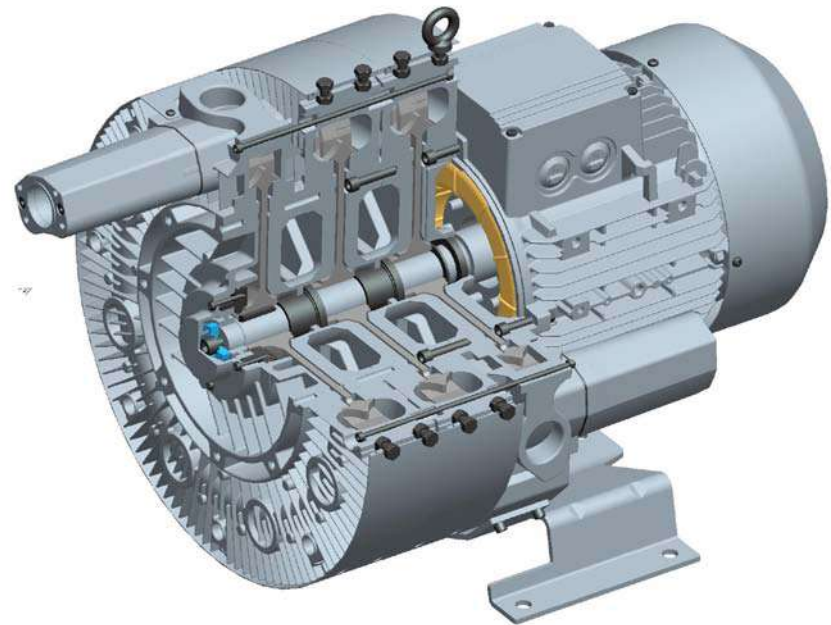
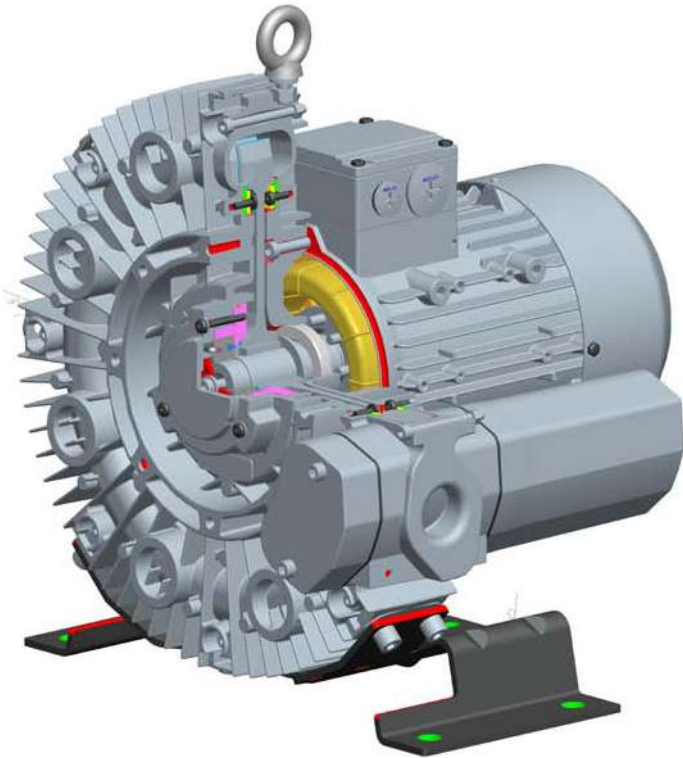
Vacuum Selection diagram 60Hz



Compressor Celetion Diagram 60Hz



G-200 Single and double stage



UNSURPASSED AT HIGHEST DIFFERENTIAL PRESSURE

Our revolutionary G_400 blower can create pressure difference of up to 1000mbar-more than any other gas ring pump. So far, the systems used to reach these differential pressure ranges were much louder and larger-or subject to wear. Now the advantage of wear-free operation coupled with a low noise level can also be used in most demanding applications.

The G_400 series side channel vacuum pump/compressor can work up to 20,000 hours without maintenance down time.

These specialist machines have proven their reliability under the harshest of conditions. Their noise level was already impressively low, but our engineers and designers are able to make them even more quiet.

Selection diagrams and tables for G_400	Pages 27-32
Vacuum and pressure mode, 50Hz and 60Hz	
Details on voltages, footnotes etc see	Page 55

G-Series

Selection and ordering data for side channel blowers in vacuum and pressure operation(Single phase)

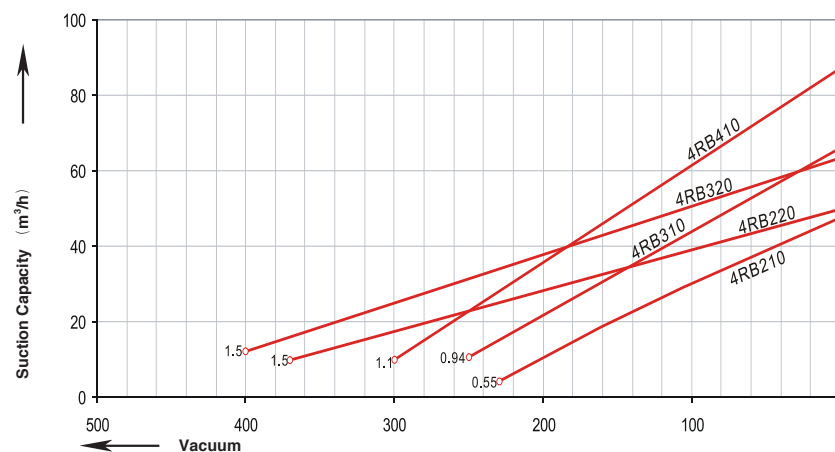
Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items× type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 4RB 210-0AV75-7	50	0.55	115/230	13/3.1	18	57	47	-230	290	1×...2110/...2141
	60	0.63	115/230	14.2/7.1		62	57	-270	320	1×...2114/...2142
• 4RB 220-0AV75-7	50	1.5	115/230	19.4/9.7	30	58	47	-370	600	1×...2110/...2141
	60	1.75	115/230	20.6/10.3		62	60	-420	660	1×...2114/...2142
• 4RB 310-0AV71-7	50	0.94	230	9	18	57	66	-250	350	1×...2110/...2141
• 4RB 310-0AV75-7	50	0.94	115/230	15.2/7.6	18	57	66	-250	350	1×...2110/...2141
	60	1.1	115/230	18/9		62	80	-280	390	1×...2114/...2142
• 4RB 320-0AV75-7	50	1.5	115/230	19.4/9.7	32	59	65	-400	550	1×...2110/...2141
	60	1.75	115/230	20.6/10.3		63	76	-390	540	1×...2114/...2142
• 4RB 410-0AA41-7	50	1.1	230	10.1	23	58	87	-300	380	1×...2110/...2141
• 4RB 410-0AB46-7	60	1.3	115	20	23	63	105	-350	390	1×...2114/...2142

4RB Series Selection diagram 50/60Hz 1AC

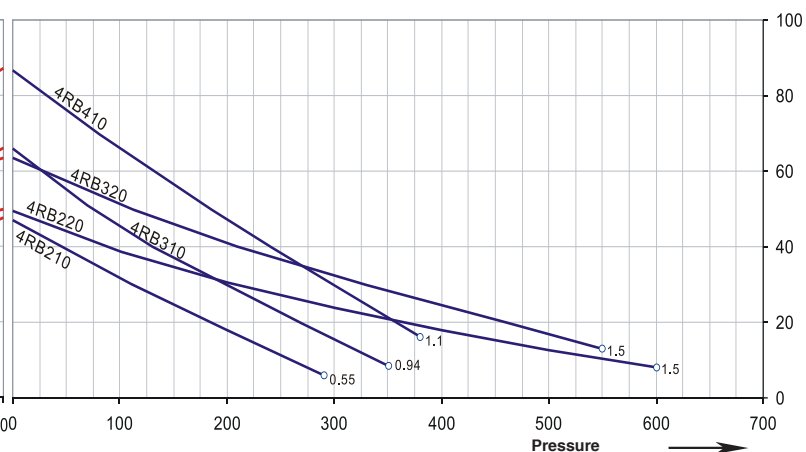


The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.

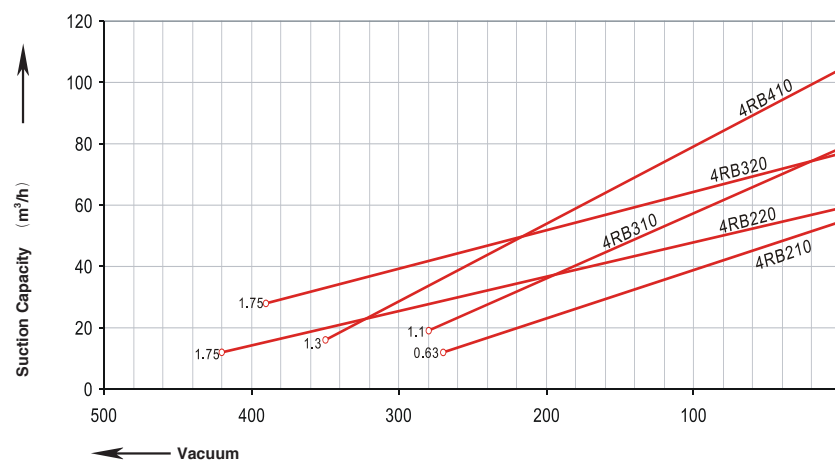
Vacuum Selection diagram 50Hz



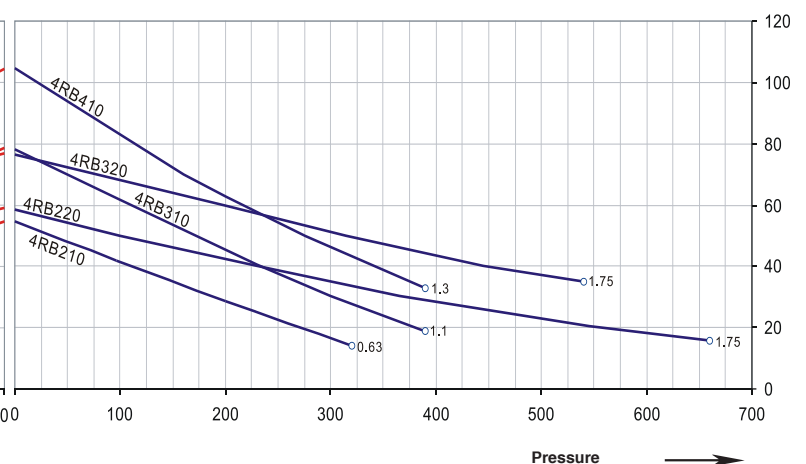
Compressor Selection Diagram 50Hz



Vacuum Selection diagram 60Hz



Compressor Selection Diagram 60Hz



G-Series

Selection and ordering data for side channel blowers in vacuum and pressure operation(Three phase single stage)

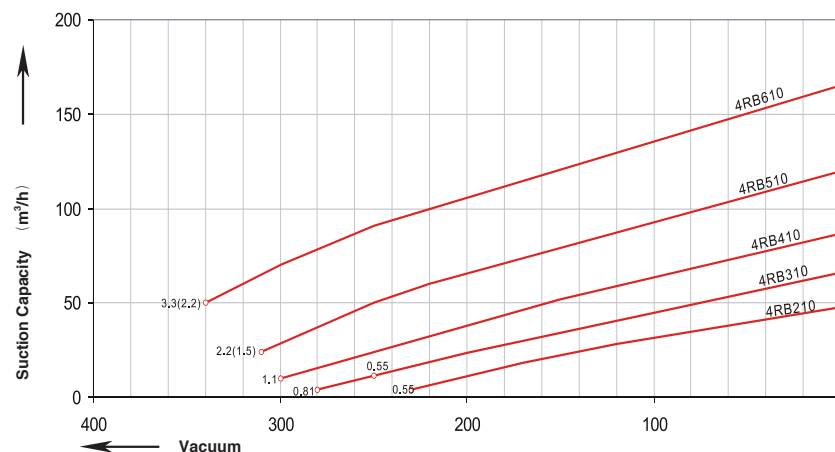
Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items× type
	HZ	KW	V	A	kg	dB(A)	m ³ /h	mbar	mbar	
• 4RB 210-0AH16-7	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	16	57	47	-230	290	1×...2110/...2141
	60	0.63	220-275 △ /380-480	3 △ /1.7Y		62	57	-270	320	1×...2114/...2142
• 4RB 310-0AH16-7	50	0.55	200-240 △ /345-415	2.8 △ /1.6Y	16	57	66	-250	250	1×...2110/...2141
	60	0.63	220-275 △ /380-480	3 △ /1.7Y		62	80	-260	250	1×...2114/...2142
• 4RB 310-0AH26-7	50	0.81	200-240 △ /345-415	4 △ /2.3Y	17	57	66	-280	350	1×...2110/...2141
	60	0.94	220-275 △ /380-480	4 △ /2.3Y		62	80	-340	360	1×...2114/...2142
• 4RB 410-0AH16-7	50	1.1	200-240 △ /345-415	5.4 △ /3.1Y	23	58	87	-300	380	1×...2110/...2141
	60	1.3	220-275 △ /380-480	5.4 △ /3.1Y		62	105	-340	370	1×...2114/...2142
• 4RB 510-0AH16-8	50	1.5	200-240 △ /345-415	7.5 △ /4.3Y	26	64	120	-310	360	1×...2110/...2141
	60	1.75	220-275 △ /380-480	7.6 △ /4.4Y		68	145	-340	320	1×...2114/...2142
• 4RB 510-0AH26-8	50	2.2	345-415 △ /600-720	11.4 △ /6.6Y	29	64	120	-310	470	1×...2110/...2141
	60	2.55	380-480 △ /660-720	11.2 △ /6.5Y		68	145	-360	480	1×...2114/...2142
• 4RB 610-0AH16-8	50	2.2	200-240 △ /345-415	11.4 △ /6.6Y	32	65	165	-340	360	1×...2110/...2141
	60	2.55	220-275 △ /380-480	11.2 △ /6.5Y		71	195	-360	315	1×...2114/...2142
• 4RB 610-0AH36-8	50	3.3	200-240 △ /345-415	13 △ /7.5Y	35	65	165	-340	480	1×...2110/...2141
	60	3.8	220-275 △ /380-480	14.2 △ /8.2Y		71	195	-380	530	1×...2114/...2142

4RB Series Selection diagram 50/60Hz 3AC

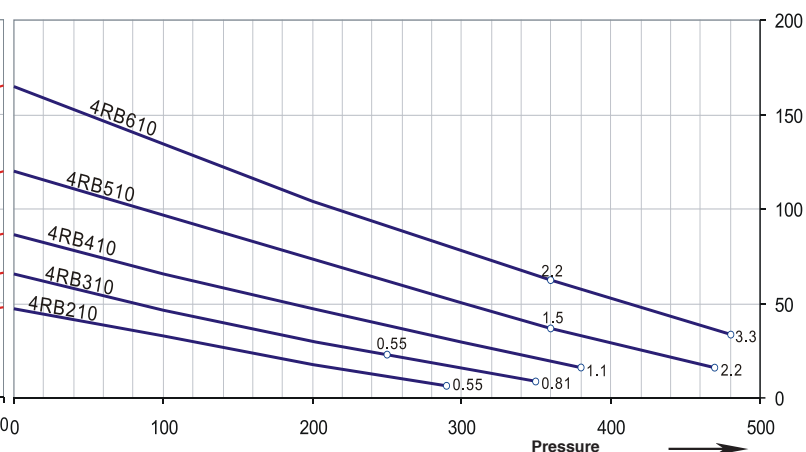


The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.

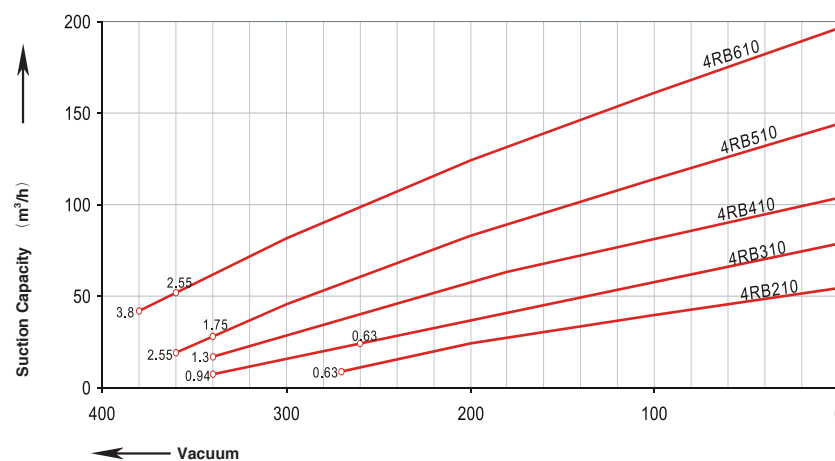
Vacuum Selection diagram



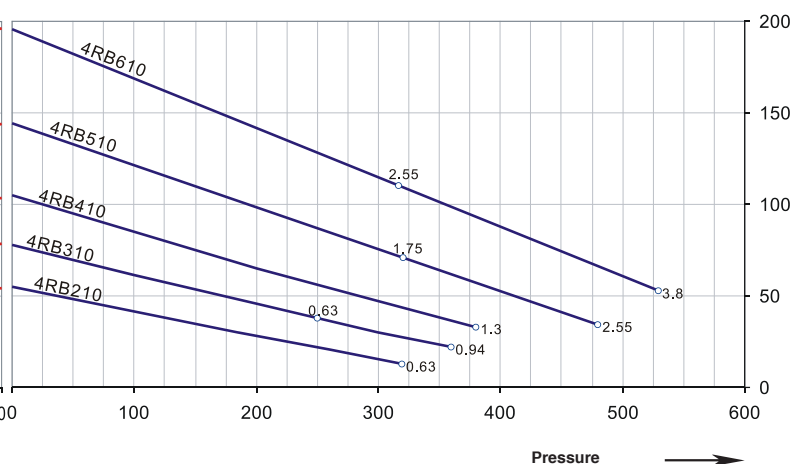
Compressor Selection Diagram



Vacuum Selection diagram 60Hz



Compressor Selection Diagram 60Hz



G-Series

Selection and ordering data for side channel blowers in vacuum and pressure operation(Multi-stage)

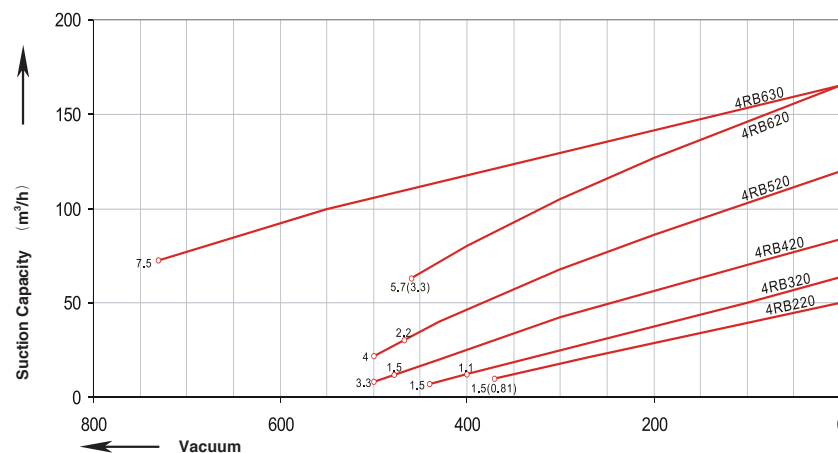
Order No.	MOTOR				Weight	Sound-	Maximum airflow	Maximum vacuum	Maximum pressure	Vacuum relief
• available ex stock	Fre- quency	rated			approx.	pressure				valve
		output	voltage	current						Items X type
	HZ	KW	V	A	kg	dB(A)	m³/h	mbar	mbar	
• 4RB 220-0AH26-7	50	0.81	200-240 △ /345-415	4 △ /2.3Y	24	58	47	-370	490	1×...2110/...2141
	60	0.94	220-275 △ /380-480	4 △ /2.3Y		62	60	-440	480	1×...2114/...2142
• 4RB 220-0AH56-7	50	1.5	200-240 △ /345-415	7.5 △ /4.3Y	28	58	47	-370	650	1×...2110/...2141
	60	1.75	220-275 △ /380-480	7.6 △ /4.4Y		62	60	-500	740	1×...2114/...2142
• 4RB 320-0AH46-7	50	1.1	200-240 △ /345-415	5.4 △ /3.1Y	29	59	65	-400	480	1×...2110/...2141
	60	1.3	220-275 △ /380-480	5.4 △ /3.1Y		63	76	-480	480	1×...2114/...2142
• 4RB 320-0AH56-7	50	1.5	200-240 △ /345-415	7.5 △ /4.3Y	30	59	65	-440	540	1×...2110/...2141
	60	1.75	220-275 △ /380-480	7.6 △ /4.4Y		63	76	-560	600	1×...2114/...2142
• 4RB 420-0AH26-7	50	1.5	200-240 △ /345-415	7.5 △ /4.3Y	33	61	87	-480	450	1×...2110/...2141
	60	1.75	220-275 △ /380-480	7.6 △ /4.4Y		66	105	-430	410	1×...2114/...2142
• 4RB 420-0AH56-7	50	3.3	200-240 △ /345-415	13 △ /7.5Y	39	61	87	-500	750	1×...2110/...2141
	60	3.8	220-275 △ /380-480	13.8 △ /8Y		66	105	-510	850	1×...2114/...2142
• 4RB 520-0AH26-8	50	2.2	200-240 △ /345-415	11.4 △ /6.6Y	40	64	120	-470	460	1×...2110/...2141
	60	2.55	220-275 △ /380-480	11.2 △ /6.5Y		70	145	-500	450	1×...2114/...2142
• 4RB 520-0AH77-8	50	4	345-415 △	9 △	51	65	120	-500	820	1×...2110/...2141
	60	4.6	380-480 △	9.5 △		71	145	-530	810	1×...2114/...2142
• 4RB 620-0AH36-8	50	3.3	200-240 △ /345-415	13 △ /7.5Y	48	67	165	-460	500	1×...2110/...2141
	60	3.8	220-275 △ /380-480	14.2 △ /8.2Y		71	195	-480	420	1×...2114/...2142
• 4RB 620-0AH57-8	50	5.7	345-415 △	12.5 △	65	68	165	-460	740	1×...2110/...2141
	60	6.6	380-480 △	12 △		72	195	-480	840	1×...2114/...2142
• 4RB 630-0AH67-8	50	7.5	345-415 △	16 △	86	72	170	-730	1040	1×...2110/...2141
	60	8.6	380-480 △	16 △		76	200	-700	1040	1×...2114/...2142

4RB Double/Multi-Stage Selection diagram 50/60Hz

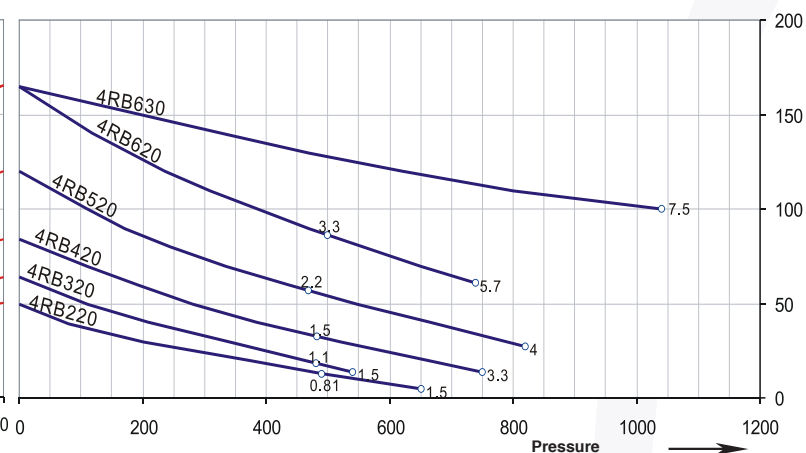


The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of $\pm 10\%$. The total pressure differences are valid up to an intake and ambient temperature of 25°C.

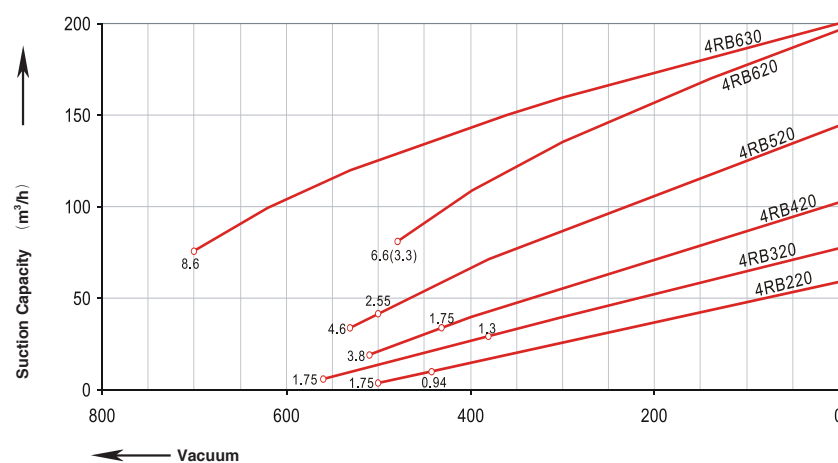
Vacuum Selection diagram 50Hz



Compressor Selection Diagram 50Hz



Vacuum Selection diagram 60Hz



Compressor Selection Diagram 60Hz

