



# 2RB系列

气环式高压风机  
Side channel blower



生产厂房(一)



生产厂房(二)

G系列

G SERIES



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上海展高电器有限公司  
SHANGHAI ZHANGOCO ELECTRIC APPLIANCES CO.,LTD.



G 系列 · G-Series

气环式高压风机在真空和压力操作的选型和订购参数。

订购型号	马达				重量	噪音	最大流量	最高真空	最高压力	口径
	频率	额定								
		输出功率	电压	电流						
HZ	KW	V	A	KG	DB(A)	m³/h	mbar	mbar	inch	
Single stage										
· 2RB 010-7AH16	50	0.2	200-240 Δ/345-415Y	1.26 Δ/0.72Y	5	46	55	-80	90	G1
	60	0.23	220-275 Δ/380-480Y	1.55 Δ/0.9Y		48	68	-110	120	G1
· 2RB 110-7AH06	50	0.2	200-240 Δ/345-415Y	1.26 Δ/0.72Y	6	48	70	-100	100	G1
	60	0.23	220-275 Δ/380-480Y	1.55 Δ/0.9Y		50	84	-120	120	G1
· 2RB 110-7AH16	50	0.25	200-240 Δ/345-415Y	2.1 Δ/1.2Y	7	48	70	-110	120	G1
	60	0.28	220-275 Δ/380-480Y	2.0 Δ/1.15Y		50	84	-140	150	G1
· 2RB 210-7AH06	50	0.25	200-240 Δ/345-415Y	2.1 Δ/1.2Y	8	53	80	-100	110	G1 1/4
	60	0.29	220-275 Δ/380-480Y	2.0 Δ/1.15Y		56	98	-110	110	G1 1/4
· 2RB 210-7AH16	50	0.4	200-240 Δ/345-415Y	2.6 Δ/1.5Y	10	53	80	-120	130	G1 1/4
	60	0.5	220-275 Δ/380-480Y	2.6 Δ/1.5Y		56	98	-150	160	G1 1/4
· 2RB 230-7AH16	50	0.4	200-240 Δ/345-415Y	2.6 Δ/1.5Y	10	54	105	-120	130	G1 1/4
	60	0.5	220-275 Δ/380-480Y	2.6 Δ/1.5Y		57	120	-150	160	G1 1/4
· 2RB 230-7AH26	50	0.7	200-240 Δ/345-415Y	3.8 Δ/2.2Y	11	54	105	-120	140	G1 1/4
	60	0.83	220-275 Δ/380-480Y	3.75 Δ/2.15Y		57	120	-160	180	G1 1/4
· 2RB 310-7AH06	50	0.55	200-240 Δ/345-415Y	2.8 Δ/1.6Y	12	55	110	-110	120	G1 1/4
	60	0.63	220-275 Δ/380-480Y	3.0 Δ/1.7Y		58	140	-110	120	G1 1/4
· 2RB 310-7AH16	50	0.7	200-240 Δ/345-415Y	3.8 Δ/2.2Y	13	55	110	-150	150	G1 1/4
	60	0.83	220-275 Δ/380-480Y	3.75 Δ/2.15Y		58	140	-150	140	G1 1/4
· 2RB 330-7AH06	50	0.55	200-240 Δ/345-415Y	2.8 Δ/1.6Y	13	56	140	-60	60	G1 1/4
	60	0.63	220-275 Δ/380-480Y	3.0 Δ/1.7Y		58	165	-50	50	G1 1/4
· 2RB 330-7AH16	50	0.7	200-240 Δ/345-415Y	3.8 Δ/2.2Y	14	56	140	-100	100	G1 1/4
	60	0.83	220-275 Δ/380-480Y	3.75 Δ/2.15Y		58	165	-110	100	G1 1/4
· 2RB 410-7AH06	50	0.7	200-240 Δ/345-415Y	3.8 Δ/2.2Y	13	63	145	-120	120	G1 1/2
	60	0.83	220-275 Δ/380-480Y	3.75 Δ/2.15Y		64	175	-130	130	G1 1/2
· 2RB 410-7AH16	50	0.85	200-240 Δ/345-415Y	4.2 Δ/2.4Y	15	63	145	-160	160	G1 1/2
	60	0.95	220-275 Δ/380-480Y	4.0 Δ/2.3Y		64	175	-160	160	G1 1/2
· 2RB 410-7AH26	50	1.3	200-240 Δ/345-415Y	5.7 Δ/3.3Y	16	63	145	-170	200	G1 1/2
	60	1.5	220-275 Δ/380-480Y	5.7 Δ/3.3Y		64	175	-210	220	G1 1/2
· 2RB 430-7AH06	50	0.7	200-240 Δ/345-415Y	3.8 Δ/2.2Y	14	64	180	-70	70	G1 1/2
	60	0.83	220-275 Δ/380-480Y	3.75 Δ/2.15Y		65	210	-50	50	G1 1/2
· 2RB 430-7AH16	50	0.85	200-240 Δ/345-415Y	4.2 Δ/2.4Y	16	64	180	-110	100	G1 1/2
	60	0.95	220-275 Δ/380-480Y	4.0 Δ/2.3Y		65	210	-90	80	G1 1/2
· 2RB 430-7AH26	50	1.3	200-240 Δ/345-415Y	5.7 Δ/3.3Y	17	64	180	-170	180	G1 1/2
	60	1.5	220-275 Δ/380-480Y	5.7 Δ/3.3Y		65	210	-180	170	G1 1/2
· 2RB 510-7AH06	50	0.85	200-240 Δ/345-415Y	4.2 Δ/2.4Y	18	64	210	-110	100	G2
	60	0.95	220-275 Δ/380-480Y	4.0 Δ/2.3Y		70	255	-80	70	G2
· 2RB 510-7AH16	50	1.3	200-240 Δ/345-415Y	5.7 Δ/3.3Y	20	64	210	-170	170	G2
	60	1.5	220-275 Δ/380-480Y	5.7 Δ/3.3Y		70	255	-150	140	G2
· 2RB 510-7AH26	50	1.6	200-240 Δ/345-415Y	7.5 Δ/4.3Y	21	64	210	-200	190	G2
	60	2.1	220-275 Δ/380-480Y	7.6 Δ/4.4Y		70	255	-220	210	G2
· 2RB 510-7AH36	50	2.2	200-240 Δ/345-415Y	9.7 Δ/5.6Y	25	64	210	-220	270	G2
	60	2.55	220-275 Δ/380-480Y	10 Δ/5.8Y		70	255	-260	290	G2
· 2RB 530-7AH06	50	0.85	200-240 Δ/345-415Y	4.2 Δ/2.4Y	19	65	270	-40	40	G2
	60	0.95	220-275 Δ/380-480Y	4.0 Δ/2.3Y		71	330	-40	40	G2
· 2RB 530-7AH16	50	1.3	200-240 Δ/345-415Y	5.7 Δ/3.3Y	21	65	270	-120	110	G2
	60	1.5	220-275 Δ/380-480Y	5.7 Δ/3.3Y		71	330	-90	80	G2
· 2RB 530-7AH26	50	1.6	200-240 Δ/345-415Y	7.5 Δ/4.3Y	22	65	270	-160	150	G2
	60	2.1	220-275 Δ/380-480Y	7.6 Δ/4.4Y		71	330	-160	150	G2
· 2RB 530-7AH36	50	2.2	200-240 Δ/345-415Y	9.7 Δ/5.6Y	26	65	270	-220	230	G2
	60	2.55	220-275 Δ/380-480Y	10 Δ/5.8Y		71	330	-260	280	G2
· 2RB 610-7AH06	50	1.6	200-240 Δ/345-415Y	8.5 Δ/4.9Y	24	65	265	-170	180	G2
	60	2.1	220-275 Δ/380-480Y	8.8 Δ/5.1Y		71	315	-180	190	G2
· 2RB 610-7AH16	50	2.2	200-240 Δ/345-415Y	9.7 Δ/5.6Y	27	65	265	-235	220	G2
	60	2.55	220-275 Δ/380-480Y	10 Δ/5.8Y		71	315	-245	230	G2
· 2RB 610-7AH26	50	3	200-240 Δ/345-415Y	12.5 Δ/7.2Y	32	65	265	-280	280	G2
	60	3.45	220-275 Δ/380-480Y	12.5 Δ/7.3Y		71	315	-260	270	G2

# 公司简介 COMPANY INFORMATION

上海展高电器有限公司创建于2004年，是一家专业从事空气流体设备（压缩、真空）的企业，通过十多年的发展，公司形成了以气环式（侧流式、漩涡式）高压风机为主，其它空气流体设备（真空泵和压缩机）为辅的生产企业，公司主要生产基地座落于有“中国小型空压机之乡”之称的浙江省温岭市。

目前在浙江有三个厂房，总占地面积108000余平方米，拥有强大的研发技术和先进的加工设备，各类生产设备300多台，其中10多台压铸机，80多台德国和日本进口的加工设备，各种精密检测仪器、检测设备、试验设备70余台。公司始终坚持集设计开发，模具制造、压铸、冲压、精密加工、装配、自动化喷涂一体化生产和管理。

“不断创新、精益求精”是展高持续高速发展的标杆，始终坚持“科学管理、品牌至上、质量上乘、顾客满意”的经营方针，我们始终坚信，客户是公司取得持续成功的源泉。展望未来，我们愿与海内外各界朋友真诚合作，携手共进，互利共赢，共创辉煌的明天。

Zhangao Electric Appliances CO.,LTD established in 2004, is a professional enterprises in making air fluid equipments(compressors and vacuum pumps).With more than ten years'development,the company has become a professional manufacturer who is mainly committed to producing side channel blowers plus other kinds of air fluid equipments(vacuum pumps and compressors),forming the complete structure merging with R&D,production,sales and services.The main production base is located in "China Small Compressors Agglomeration Ctiy"said Wenling Ctiy,Zhejiang province,China.

At present, there are three workshops in Zhejiang, with a total area of over 108000 square meters.has powerful research and development techniques and advanced machining equipments---more than 300 production equipments,including 10 more die casting machines,80 more advanced CNC machines which were directly imported from German and Japan,many kinds of high precision measurement instruments and devices,more than 70 testing equipments.The company always upholds the philosophy that it should have the integrated production and management,containing the whole process of design and development,tooling making,diecasting,stampng,high precision machining,assembling and automatic spraying.

With "Continuous Creation and Keeping Excelsior"set as ZHANGOCO's benchmark andadhering to the business principle of "Scientific Management,Brand Supremacy,Best Quality,Customer Satisfaction",we always believe that customers are the source of our continuous success. Looking to the future, we are willing to cooperate sincerely with friends from all walks of life at home and abroad, work together, mutual benefit and win-win, create brilliant tomorrow.

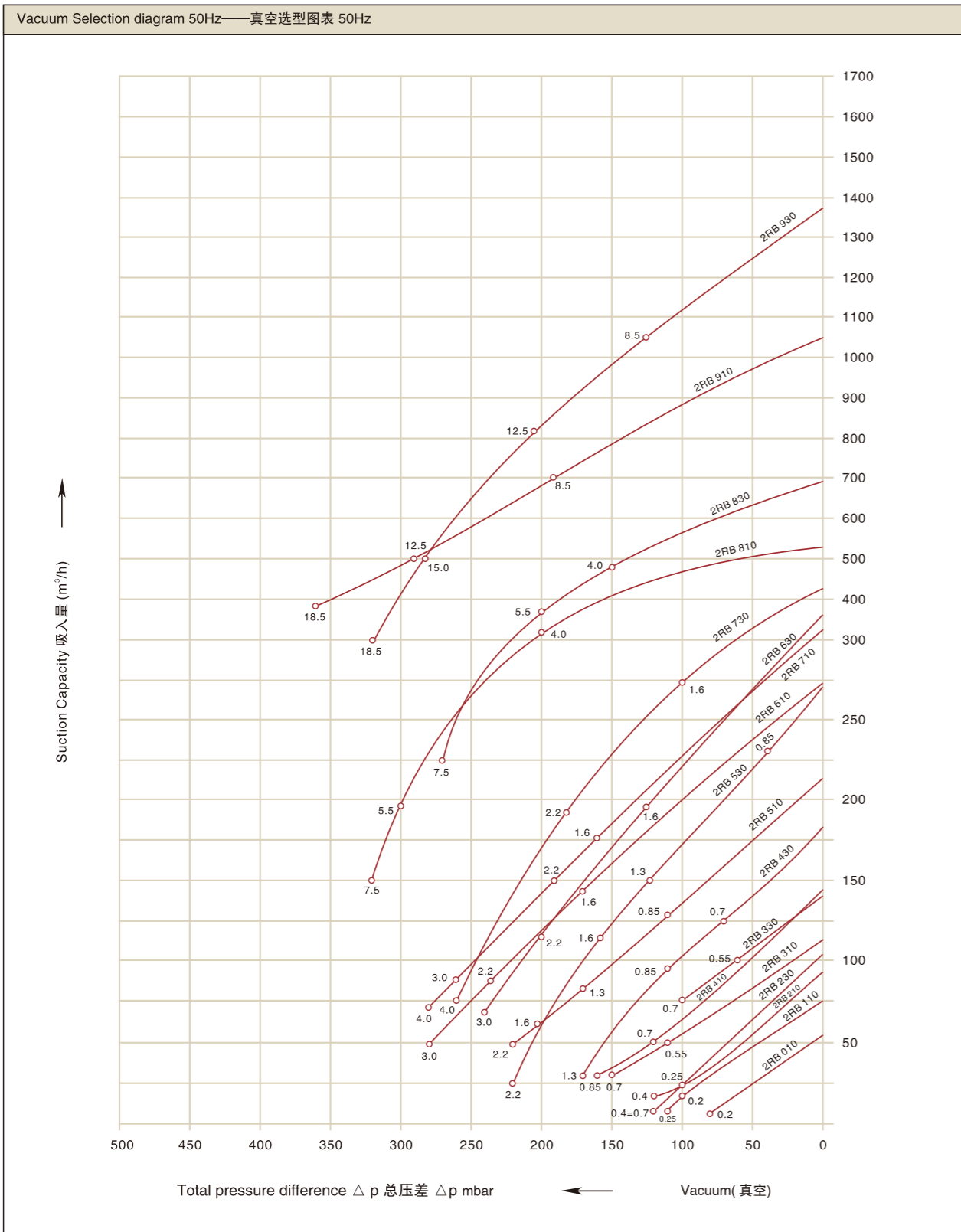






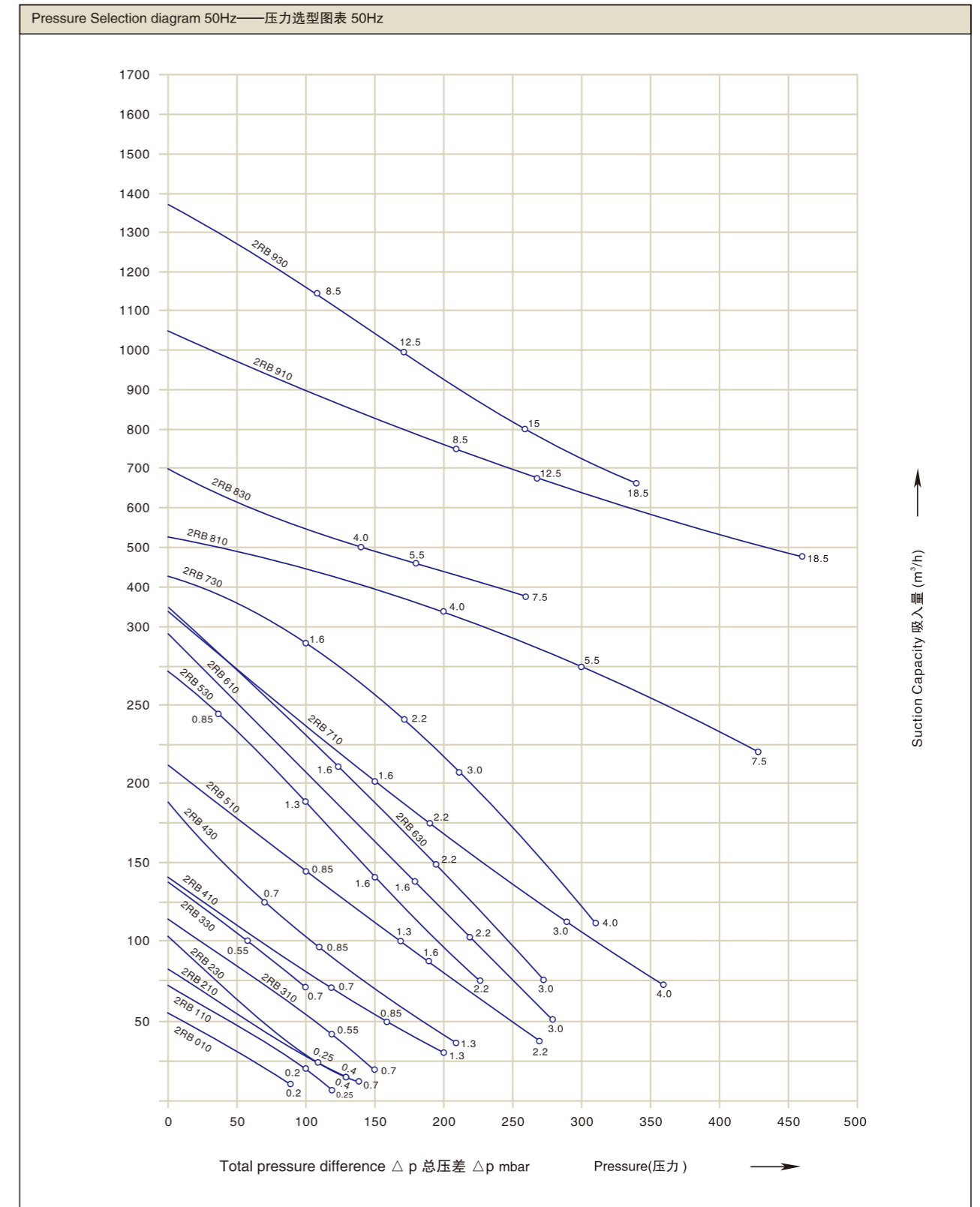
下面的性能曲线是在抽吸15°C空气，排气压力1013mbar的工况下测出的，允差±10%，吸入空气和环境温度不超过25°C时，即可达到图示总压差。

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 ±10%.The total pressure differences are valid up to an intake and ambient temperatruue of 25°C .



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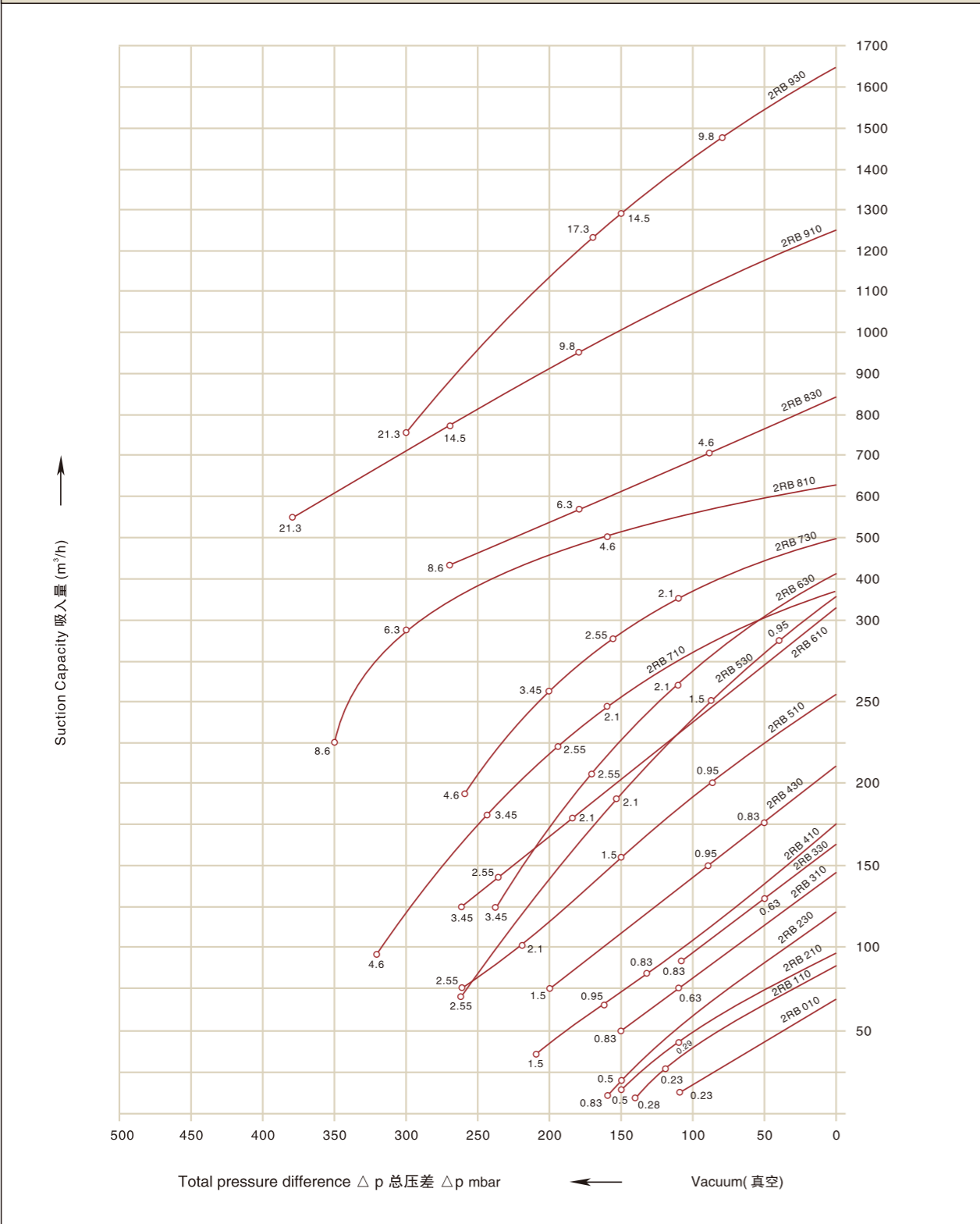




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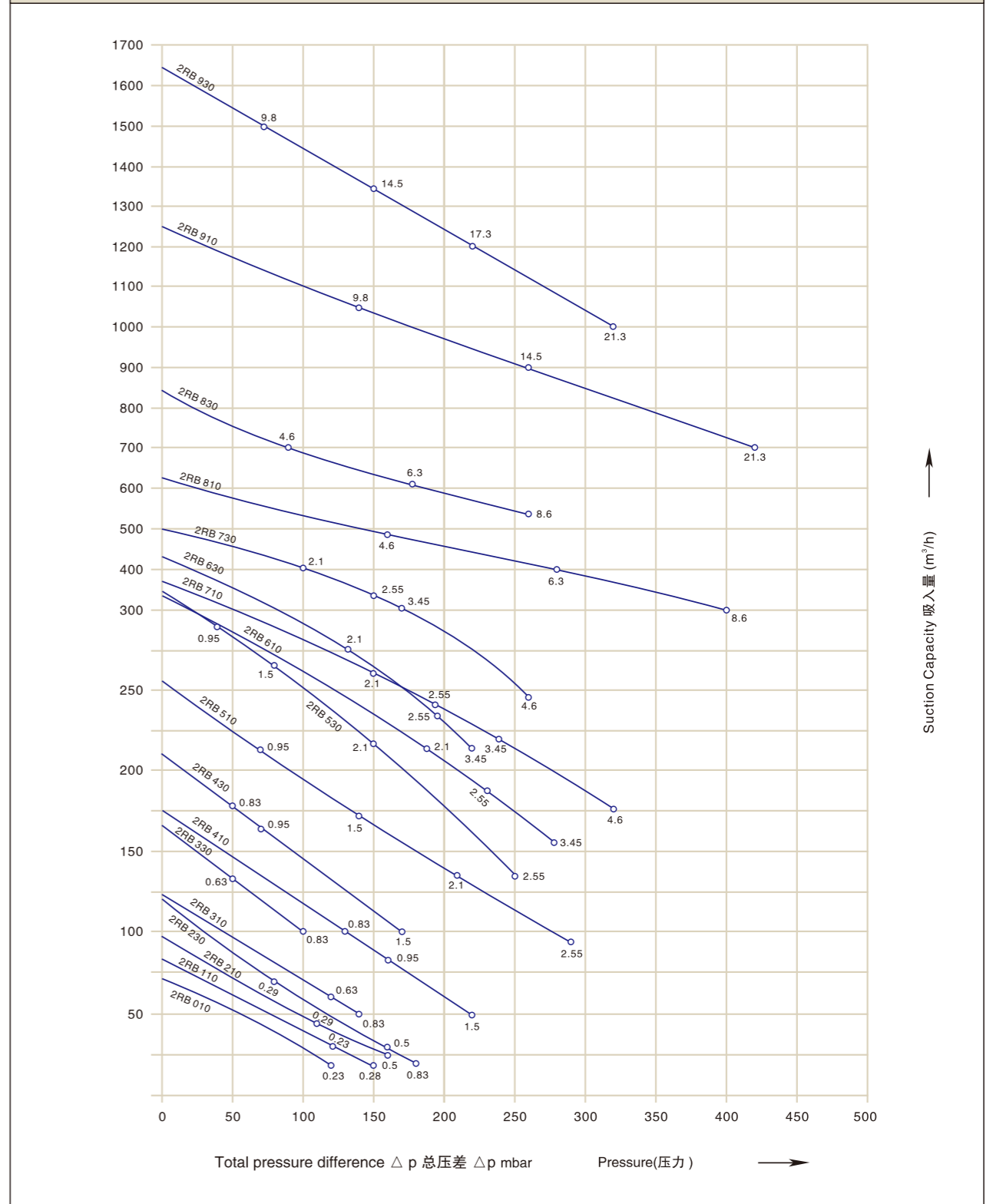
Vacuum Selection diagram 60Hz——真空选型图表 60Hz



下面的性能曲线是在抽吸15℃空气，排气压力1013mbar的工况下测出的，允差±10%，吸入空气和环境温度不超过25℃时，即可达到图示总压差。

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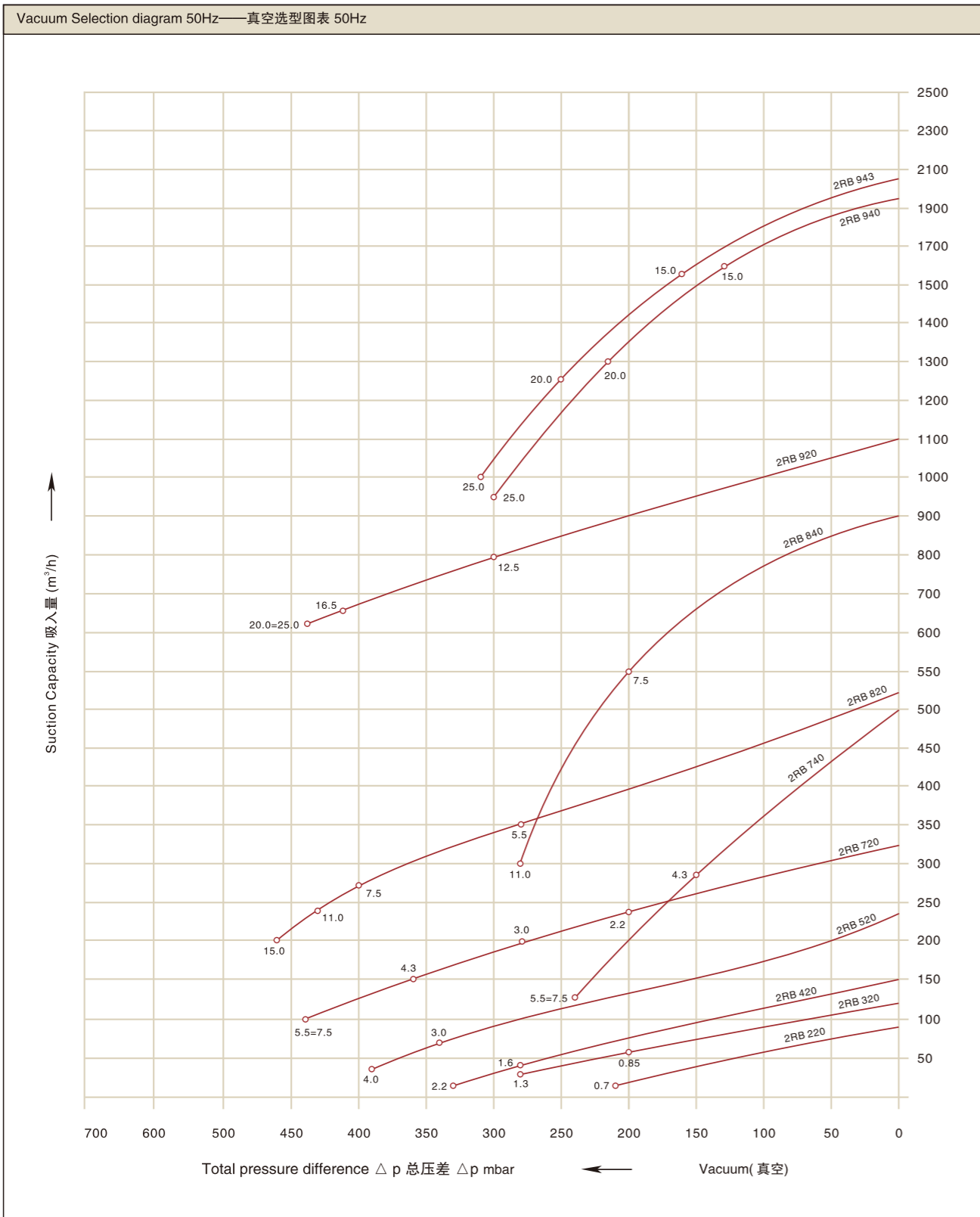
Pressure Selection diagram 60Hz——压力选型图表 60Hz





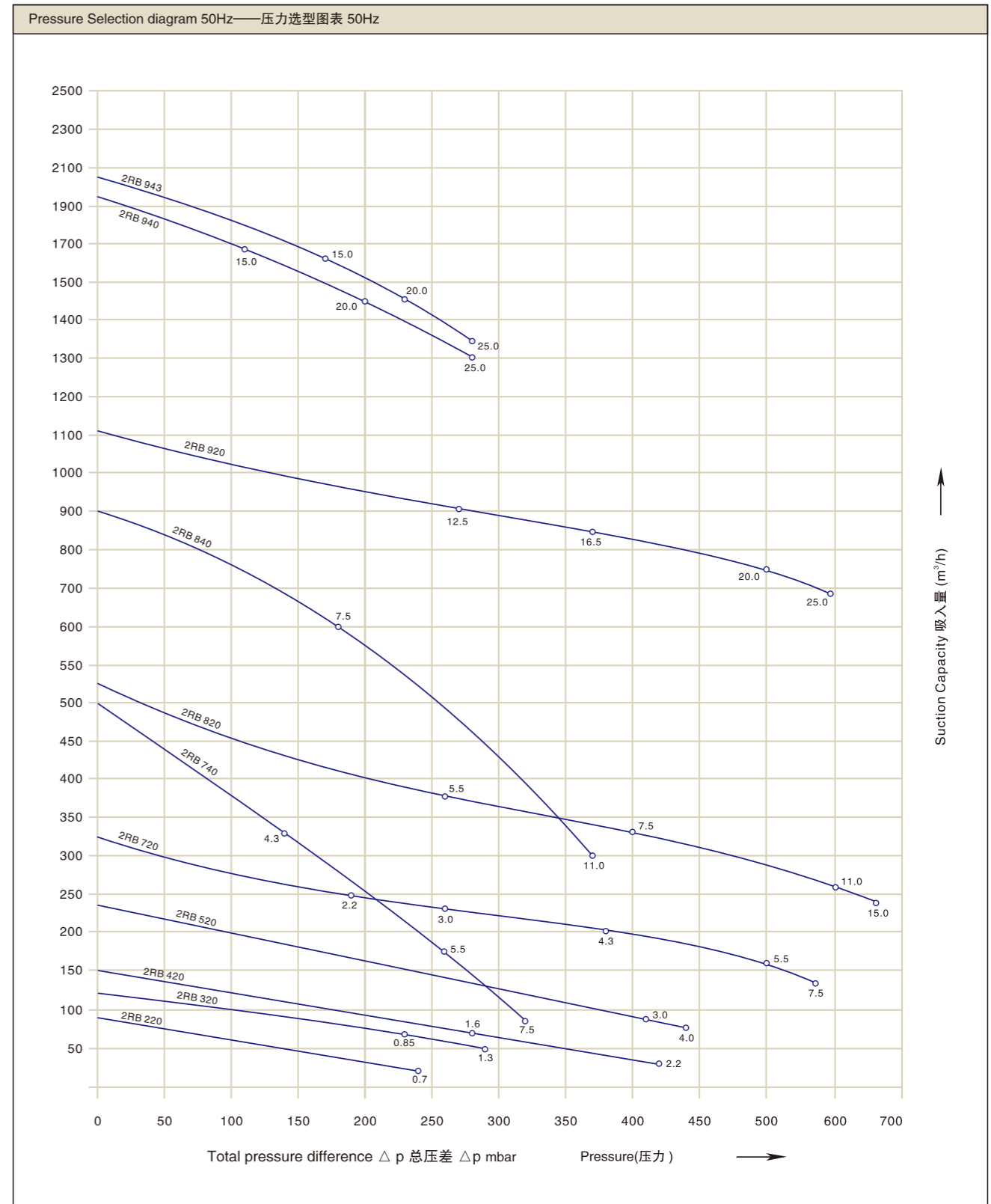
下面的性能曲线是在抽吸15℃空气，排气压力1013mbar的工况下测出的，允差±10%，吸入空气和环境温度不超过25℃时，即可达到图示总压差。

The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1.013mbar and a tolerance of ±10%.The total pressure differences are valid up to an intake and ambient temperatruue of 25℃ .



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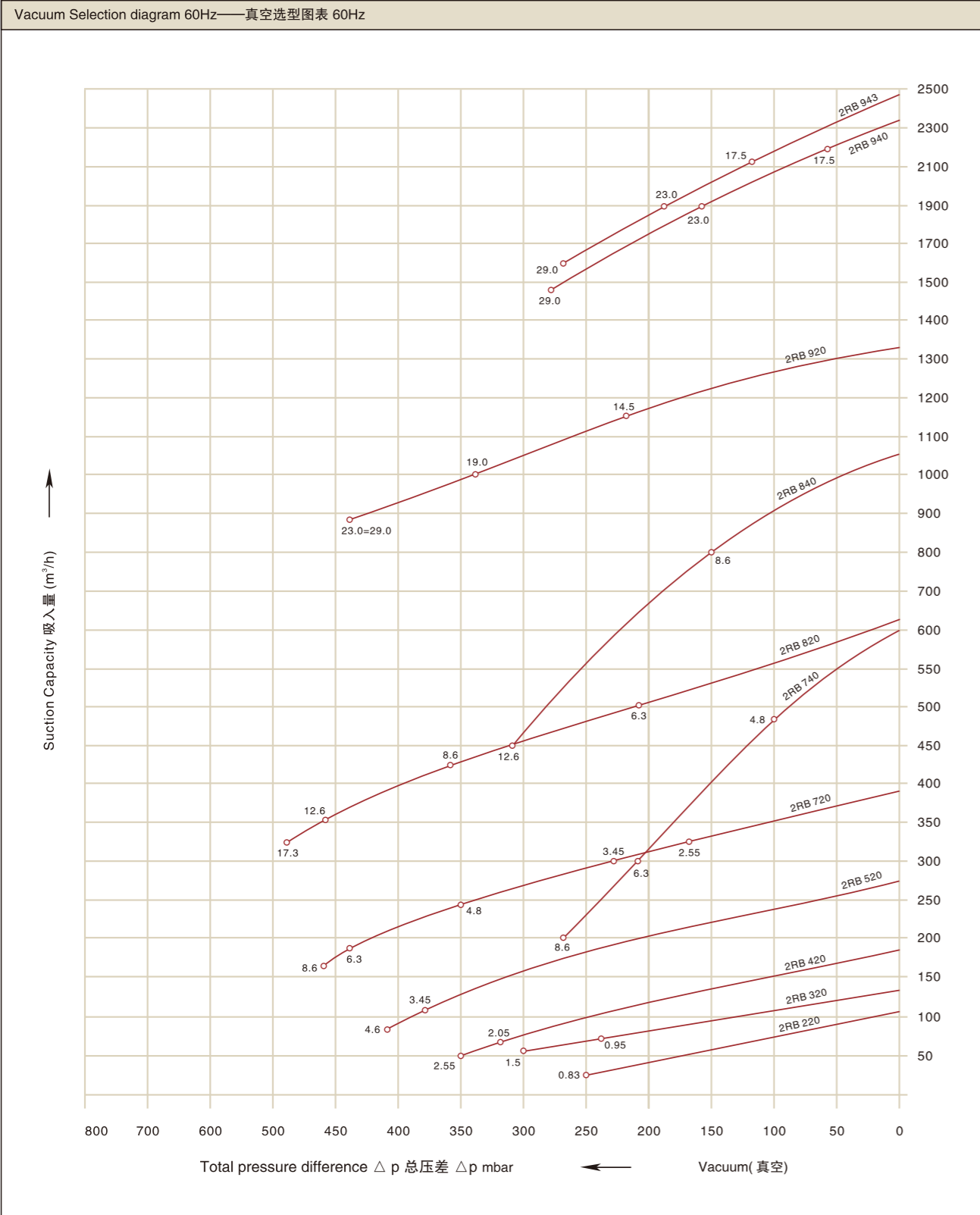
The performance curves are valid for pumping air at 15℃ at the inlet flanges with an air pressure of 1.013mbar and a tolerance of ±10%.The total pressure differences are valid up to an intake and ambient temperatruue of 25℃ .





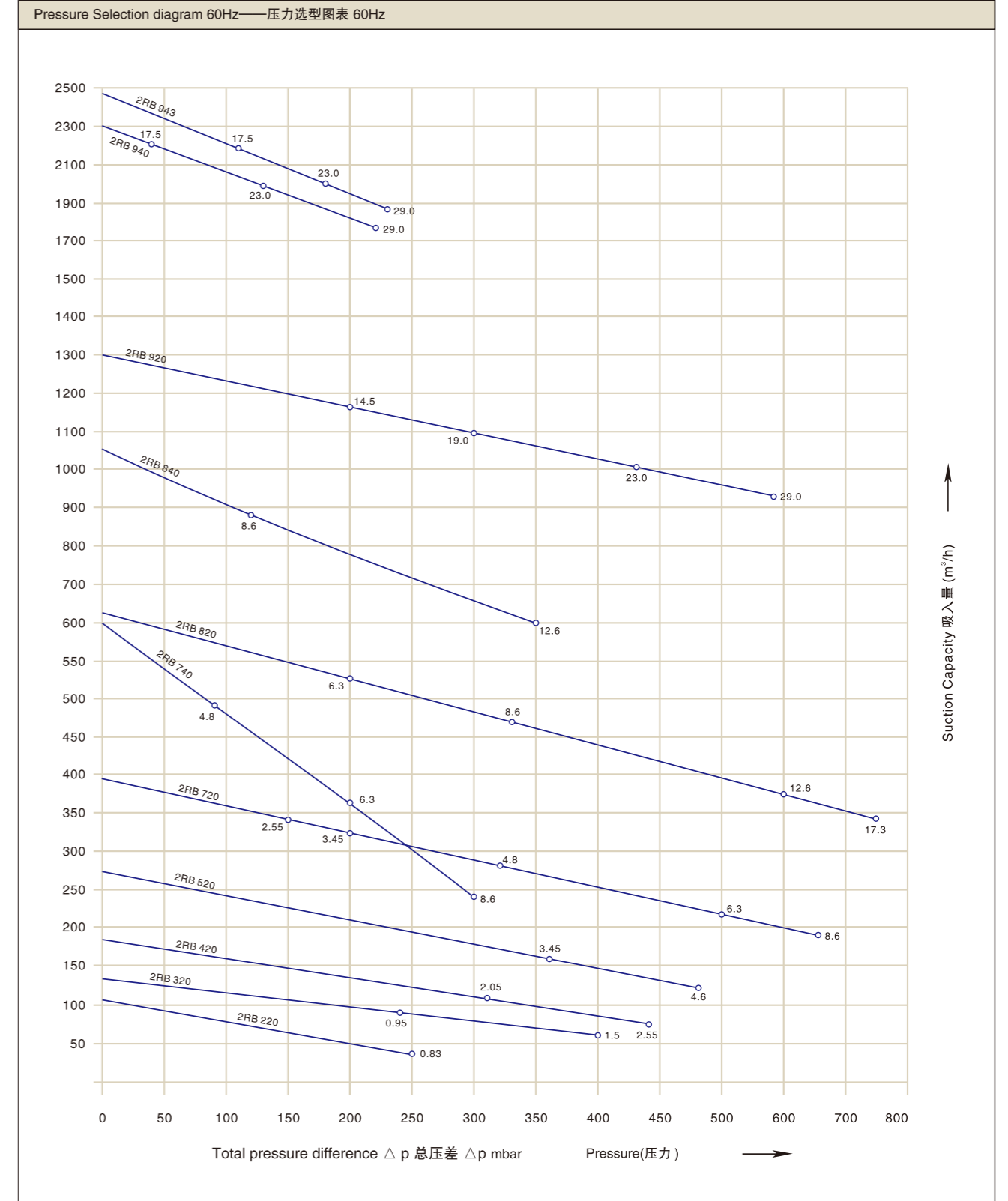
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The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.013mbar and a tolerance of ±10%.The total pressure differences are valid up to an intake and ambient temperatruue of 25°C .



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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 ±10%.The total pressure differences are valid up to an intake and ambient temperatruue of 25°C .





G 系列 · G-Series

气环式高压风机在真空和压力操作的选型和订购参数。

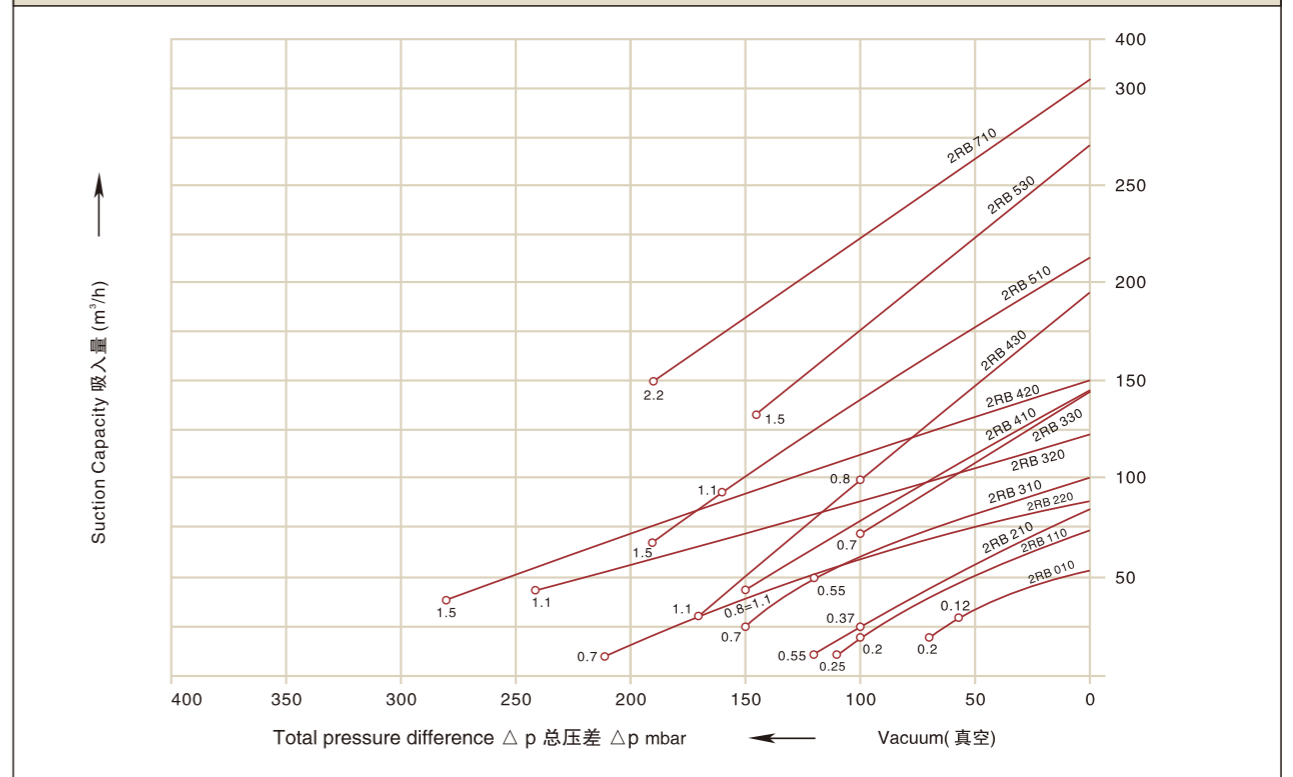
订购型号	马达				重量	噪音	最大流量	最高真空	最高压力	口径
	频率	额定								
		输出功率	电压	电流						
HZ	KW	V	A	KG	DB(A)	m³/h	mbar	mbar	inch	
Single stage										
· 2RB 010-7AA01	50	0.12	230V	1.2	5	46	55	-60	60	G1
	60	0.14	230V	1.3		48	68	-60	60	G1
· 2RB 010-7AA11	50	0.2	230V	1.5	6	46	55	-70	80	G1
	60	0.23	230V	1.6		48	68	-90	100	G1
· 2RB 110-7AA01	50	0.2	230V	1.5	7	48	70	-100	100	G1
	60	0.23	230V	1.6		50	84	-110	120	G1
· 2RB 110-7AA11	50	0.25	230V	1.7	8	48	70	-110	110	G1
	60	0.28	230V	1.9		50	84	-130	140	G1
· 2RB 210-7AA01	50	0.25	230V	1.7	9	53	80	-100	110	G1¼
	60	0.28	230V	1.9		56	98	-110	110	G1¼
· 2RB 210-7AA11	50	0.37	230V	2.7	11	53	80	-120	130	G1¼
	60	0.45	230V	3.2		56	98	-150	160	G1¼
· 2RB 310-7AA01	50	0.55	230V	3.7	13	55	100	-120	120	G1¼
	60	0.62	230V	4.5		57	120	-130	150	G1¼
· 2RB 310-7AA11	50	0.7	230V	4.8	14	55	100	-150	150	G1¼
	60	0.8	230V	4.1		57	120	-150	160	G1¼
· 2RB 330-7AA11	50	0.7	230V	4.8	15	56	145	-100	100	G1¼
	60	0.8	230V	4.1		58	165	-110	100	G1¼
· 2RB 410-7AA11	50	0.8	230V	5.2	15	63	145	-150	160	G1½
	60	0.9	230V	5.8		64	175	-160	140	G1½
· 2RB 410-7AA21	50	1.1	230V	7.3	16	63	145	-150	190	G1½
	60	1.3	230V	8.3		64	175	-180	190	G1½
· 2RB 430-7AA11	50	0.8	230V	5.2	16	64	180	-100	110	G1½
	60	0.9	230V	5.8		66	210	-100	110	G1½
· 2RB 430-7AA21	50	1.1	230V	7.3	17	64	180	-170	210	G1½
	60	1.3	230V	8.3		66	210	-145	145	G1½
· 2RB 510-7AA11	50	1.1	230V	7.3	21	64	210	-160	160	G2
	60	1.3	230V	8.3		70	255	-150	160	G2
· 2RB 510-7AA21	50	1.5	230V	9	24	64	210	-190	200	G2
	60	1.75	230V	10		70	255	-180	180	G2
· 2RB 530-7AA21	50	1.5	230V	9	26	65	270	-140	120	G2
	60	1.75	230V	10		71	330	-110	100	G2
· 2RB 710-7AA11	50	2.2	230V	12.8	31	72	318	-190	190	G2
	60	2.55	230V	12.8		74	376	-190	200	G2
Double stage										
· 2RB 220-7HA21	50	0.7	230V	4.5	15	55	88	-210	240	G1¼
	60	0.83	230V	5.6		61	103	-250	250	G1¼
· 2RB 320-7HA31	50	1.1	230V	7.3	17	58	120	-240	280	G1¼
	60	1.3	230V	8.3		60	145	-230	260	G1¼
· 2RB 420-7HA31	50	1.5	230V	9	26	66	150	-280	290	G1½
	60	1.75	230V	10		69	180	-250	280	G1½



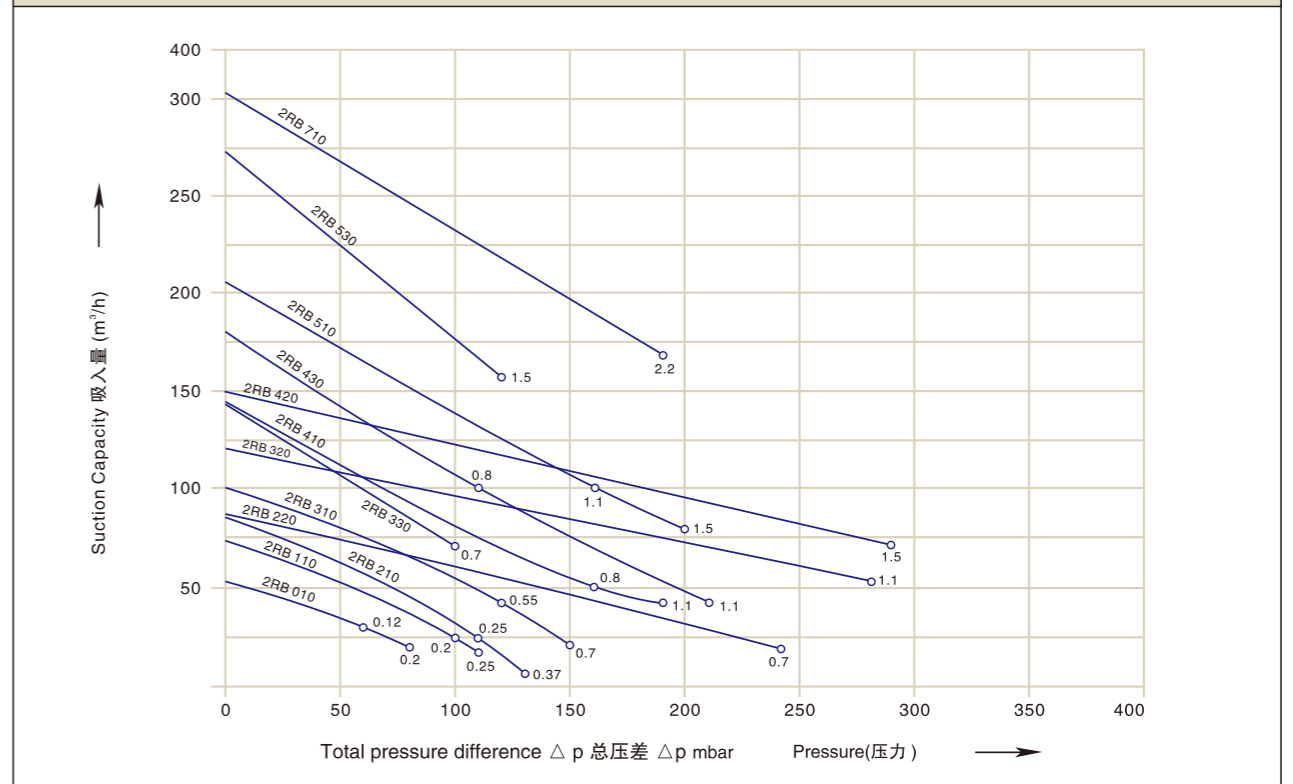
下面的性能曲线是在抽吸15°C空气，排气压力1013mbar的工况下测出的，允差±10%，吸入空气和环境温度不超过25°C时，即可达到图示总压差。

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 ±10%.The total pressure differences are valid up to an intake and ambient temperature of 25°C .

Vacuum Selection diagram 50Hz—真空选型图表 50Hz



Pressure Selection diagram 50Hz—压力选型图表 50Hz

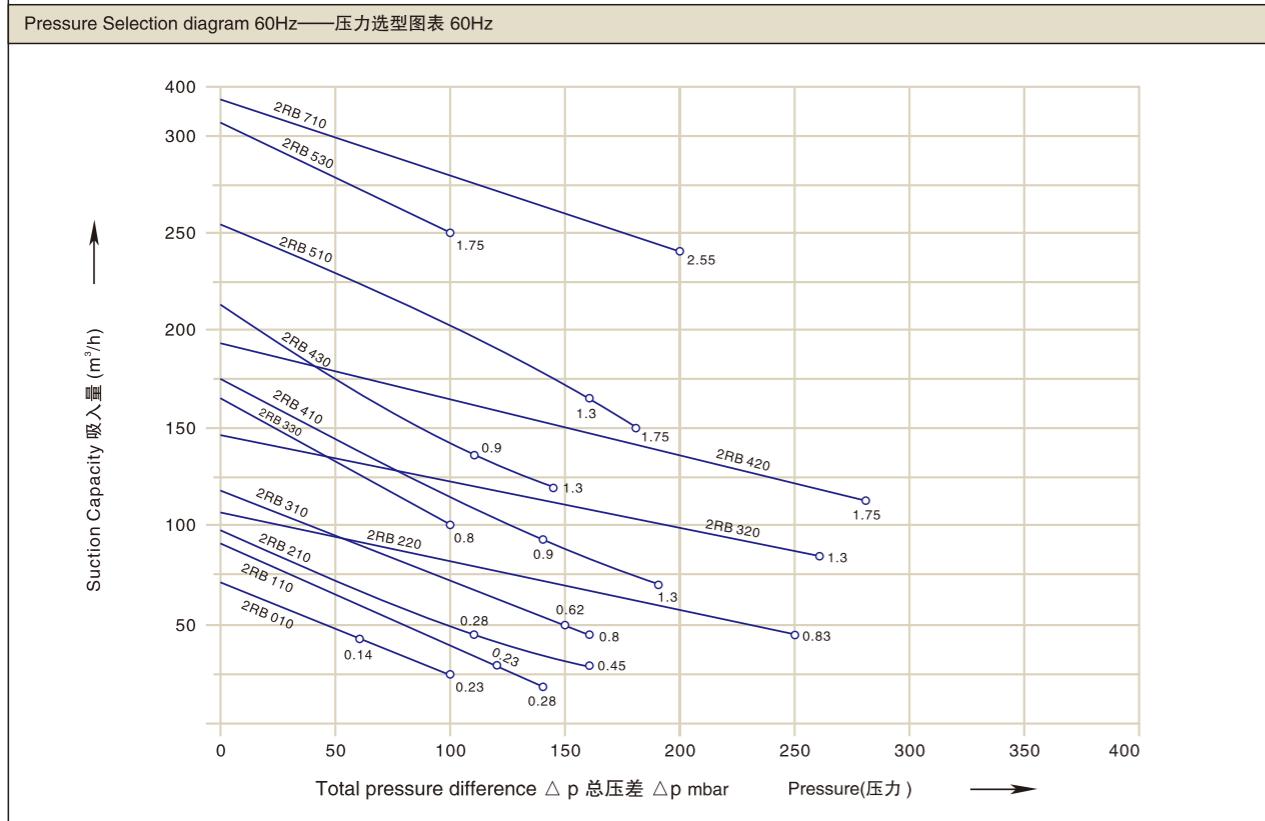
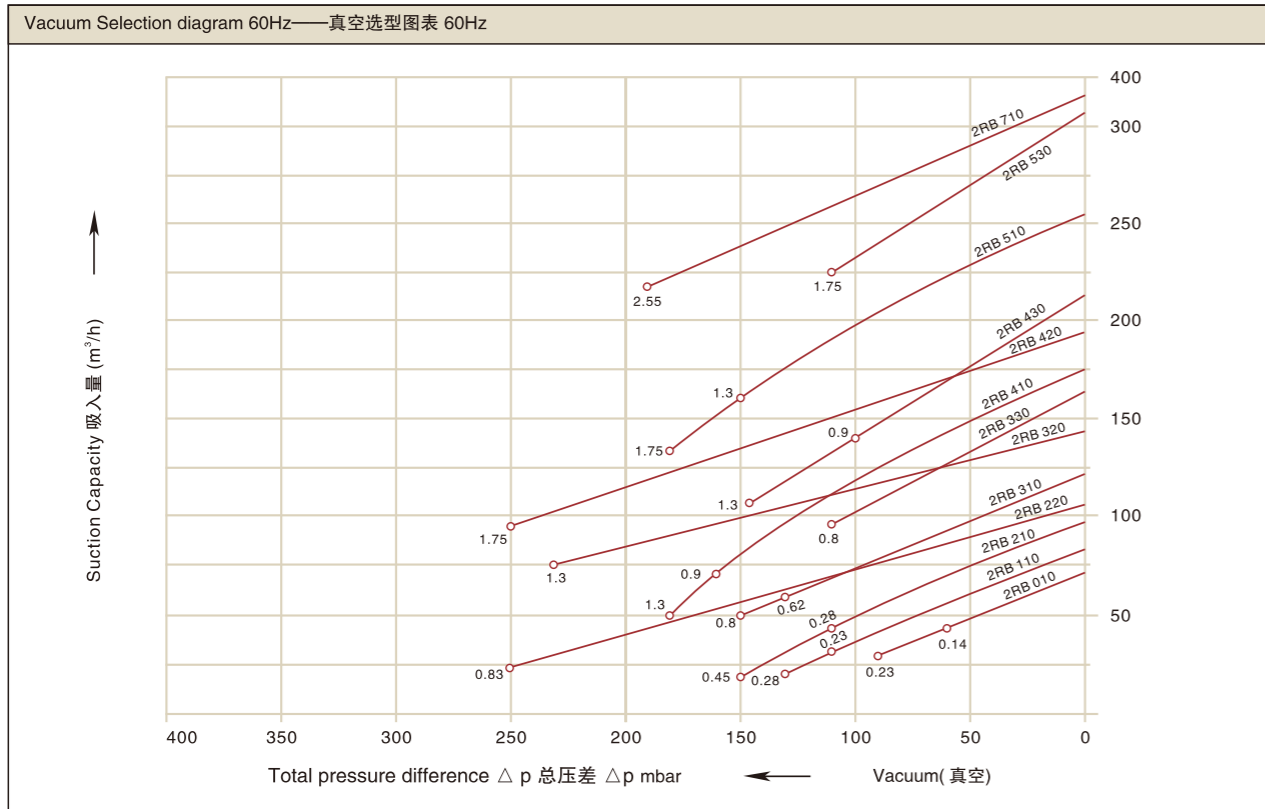






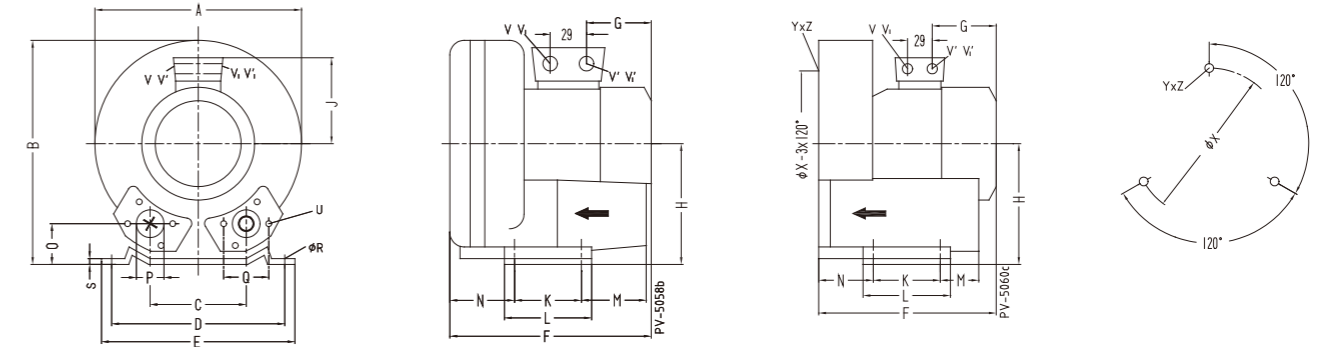
下面的性能曲线是在抽吸15°C空气，排气压力1013mbar的工况下测出的，允差±10%，吸入空气和环境温度不超过25°C时，即可达到图示总压差。

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 ±10%.The total pressure differences are valid up to an intake and ambient temperature of 25°C .



侧风道风机尺寸 2RB210,2RB230,2RB310,2RB330.(mm) 2RB410,2RB430.(mm)

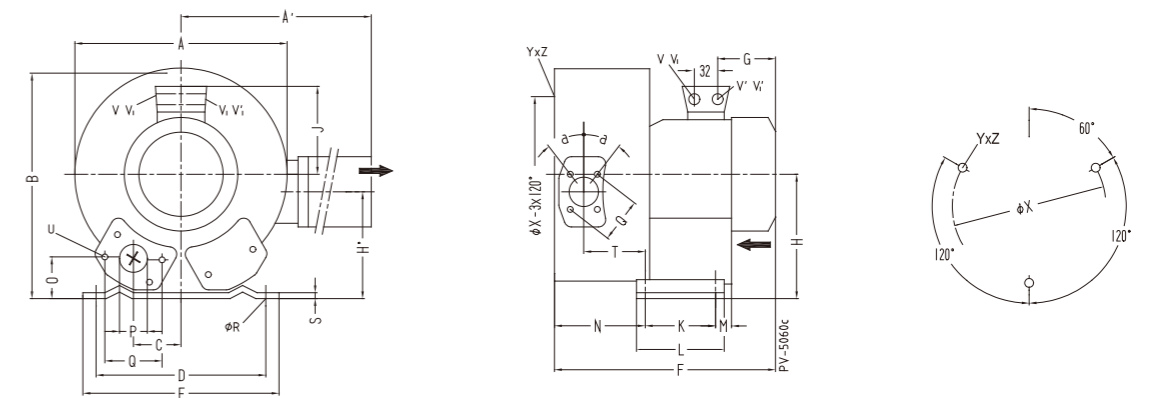
2RB210./2RB230./2RB310./2RB330. 2RB410./2RB430.



Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	$\phi R$	S	U	V <sub>(1-)</sub>	V <sub>(1-)</sub>	V <sub>(1-)</sub>	V <sub>(1-)</sub>	YxZ	X-Holes	$\phi X$
2RB 210 - H06	3~	246	247	90	205	230	219	92	128	101	83	108	75	71	39	G1 <sub>1/2</sub> (150ef-deep)	64	10	2.5	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
2RB 210 - H16	3~																				-	-	M25x1.5	M16x1.5			
2RB 210 - A11	1~																				M16x1.5	M25x1.5	-	-			
2RB 230 - H06	3~						242	102		101											-	-	M25x1.5	M16x1.5			
2RB 230 - H16	3~						267	135		111											-	-	-	-			
2RB 230 - H26	3~																				-	-	-	-			
2RB 230 - A11	1~																				-	-	-	-			
2RB 310 - H06	3~	268	272	93			260		141												-	-	M25x1.5	M16x1.5			160
2RB 310 - H16	3~																				-	-	-	-			
2RB 310 - A01	1~																				M25x1.5	M16x1.5	-	-			
2RB 310 - A11	1~																				-	-	-	-			
2RB 330 - H06	3~						276														-	-	M25x1.5	M16x1.5			
2RB 330 - H16	3~																				-	-	-	-			
2RB 330 - A11	1~																				M25x1.5	M16x1.5	-	-			
2RB 410 - A11	1~	286	302	115	225	255	294	160	154	120	95	130	70	75	46	G1 <sub>1/2</sub> (150ef-deep)	72	12	3	M6x19	M16x1.5	M25x1.5	-	-			174
2RB 410 - A21	1~																				-	-	-	-			
2RB 410 - H06	3~						269	135		111											-	-	M25x1.5	M16x1.5			
2RB 410 - H16	3~						292	160		120											-	-	-	-			
2RB 410 - H26	3~																				-	-	-	-			
2RB 430 - A11	1~						311														M16x1.5	M25x1.5	-	-			
2RB 430 - A21	1~																				-	-	-	-			
2RB 430 - H06	3~						288	135		111											-	-	M25x1.5	M16x1.5			
2RB 430 - H16	3~						311	160		120											-	-	-	-			
2RB 430 - H26	3~																				-	-	-	-			

侧风道风机尺寸 2RB220,2RB320,2RB420.(mm)

2RB220./2RB320./2RB420



Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	$\phi R$	S	T	U	V <sub>(1-)</sub>	V <sub>(1-)</sub>	V <sub>(1-)</sub>	V <sub>(1-)</sub>	$\alpha$	$\phi X$	YxZ	X-Holes
2RB 220 - H26	3~	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1 <sub>1/2</sub> (150ef-deep)	64	10	2.5	88	M6x17	-	-	M25x1.5	M16x1.5	27°	140	M6x15	51°/171°/291°
2RB 320 - H36	3~	293	324	286	47			354	160	141	114	120			82	138	41					92									
2RB 320 - A31	1~																						M25x1.5	M16x1.5	-	-					
2RB 420 - H36	3~	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	4	G1 <sub>1/2</sub> (150ef-deep)	72	12	3	104	M6x19	-	-	M25x1.5	M16x1.5	28°	174		
2RB 420 - H46	3~																						-	-	-	-					
2RB 420 - A31	1~																						M16x1.5	M25x1.5	-	-					



侧风道风机尺寸 2RB510,2RB530.(mm)

2RB510./2RB530./2RB590.

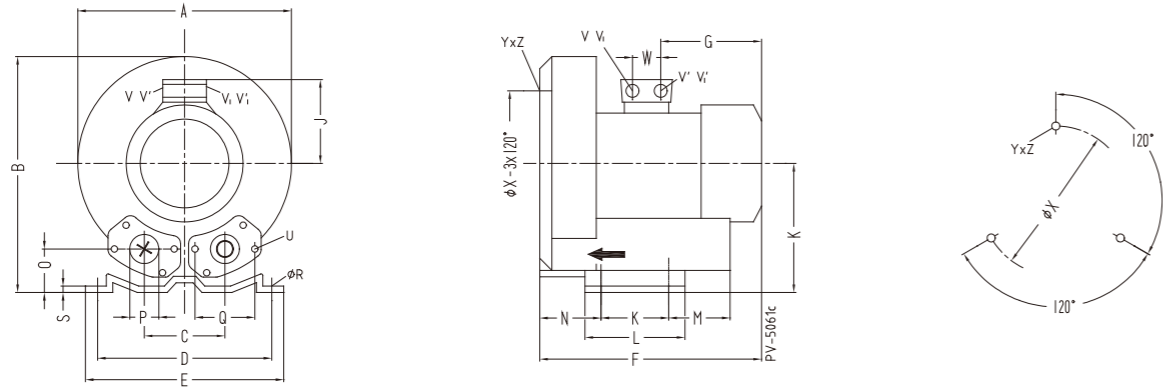


Table with columns: Type, Phases, 型号, 相位, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, U, V(t+), V(t-), V(t3+), V(t3-), YxZ, X-Holes, ØX, W. Rows include models like 2RB 510 - A11, 2RB 510 - H06, etc.

侧风道风机尺寸 2RB610,2RB630,2RB710,2RB730.(mm)

2RB610./2RB630./2RB710/2RB730./2RB790

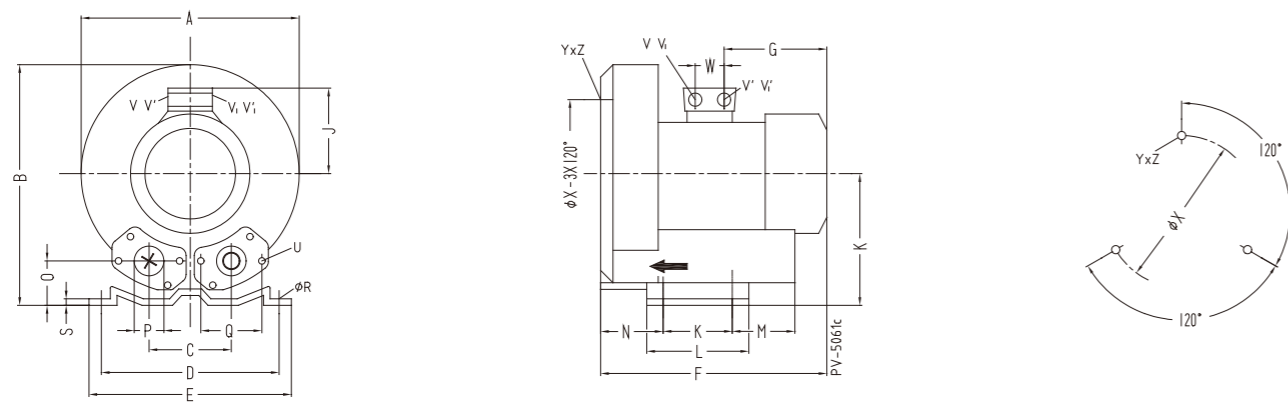


Table with columns: Type, Phases, 型号, 相位, A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, U, V(t+), V(t-), V(t3+), V(t3-), YxZ, X-Holes, ØX, W. Rows include models like 2RB 610 - H06, 2RB 610 - H16, etc.



侧风道风机尺寸 2RB520,2RB720,2RB740.(mm)

2RB 720-...4/5 2RB 520-...4/5. 2RB 720-...1/2/3. 2RB 740-...4/5 2RB 740-...3.

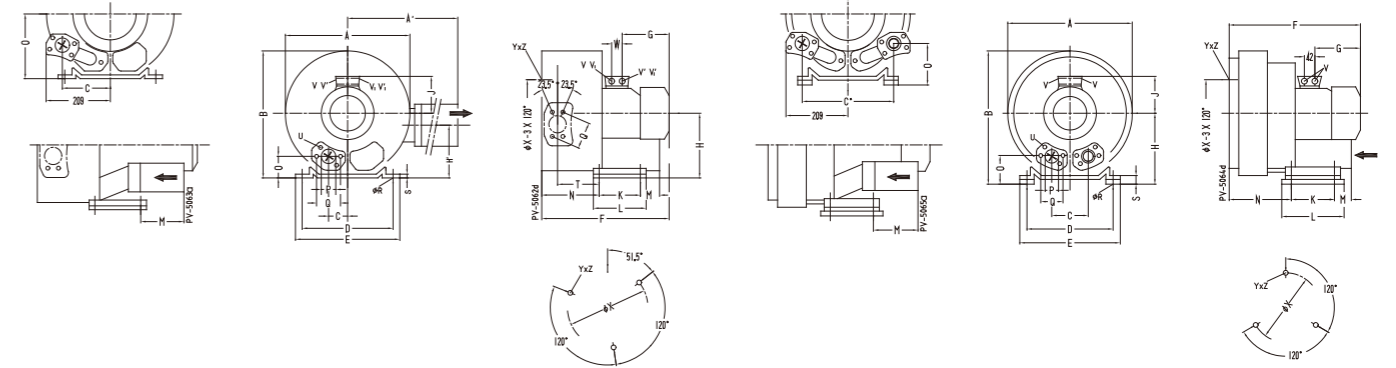


Table with columns: Type, Phases, 型号, 相位, A, A', B, C, D, E, F, G, H, H', J, K, L, M, N, O, P, Q, R, S, T, U, V, V', Vt, Vt', ØX, YxZ, X-Holes, W. Rows include models like 2RB 520 - H46, 2RB 520 - H57, etc.

Table with columns: Type, Phases, 型号, 相位, A, B, C, C', D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, U, V, V', Vt, Vt', ØX, YxZ, X-Holes, W. Rows include models like 2RB 740 - H37, 2RB 740 - H47, etc.

侧风道风机尺寸 2RB810,2RB820,2RB830,2RB840.(mm)

2RB 810./2RB 830. 2RB 820-...1/2 2RB 840-...2.

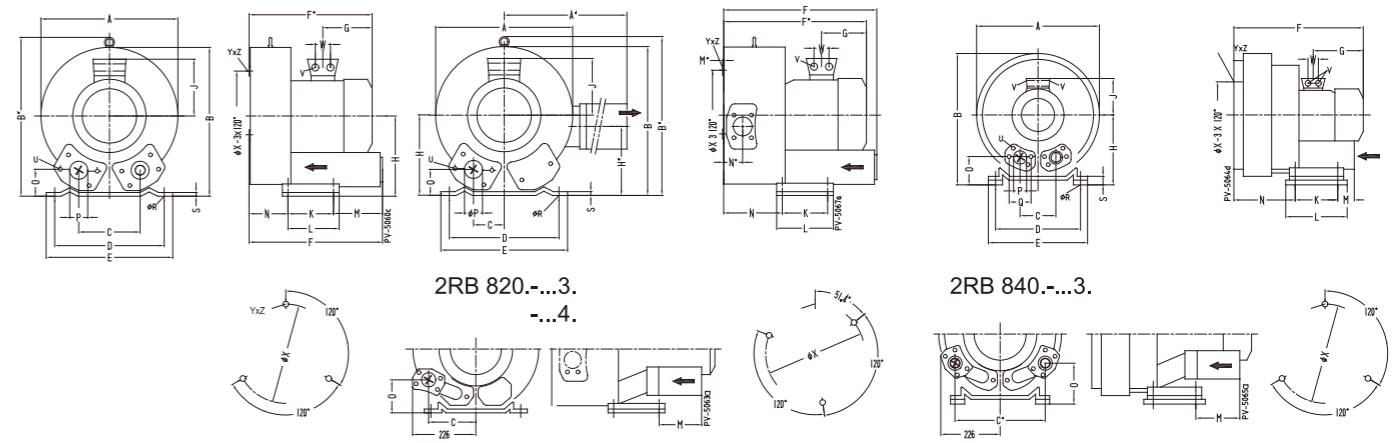


Table with columns: Type, Phases, 型号, 相位, A, A', B, B', C, D, E, F, F', G, H, H', J, K, L, M, N, N', O, P, Q, R, S, V, W, ØX, YxZ, X-Holes, W. Rows include models like 2RB 810 - H07, 2RB 810 - H17, etc.

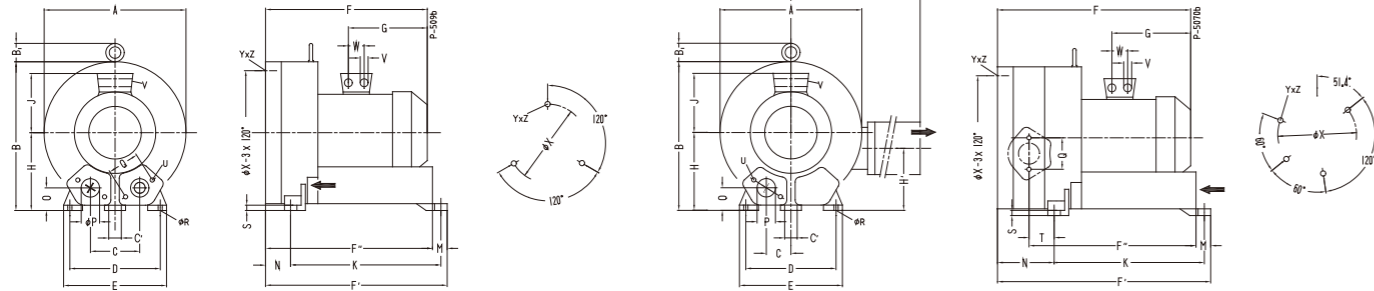
Table with columns: Type, Phases, 型号, 相位, A, B, C, C', D, E, F, G, H, J, K, L, M, N, O, P, Q, R, S, V, W, ØX, YxZ, X-Holes, W. Rows include models like 2RB 840 - H27, 2RB 840 - H37.



侧风道风机尺寸 2RB910.,2RB920.,2RB930.(mm)

2RB910./2RB930.

2RB920.



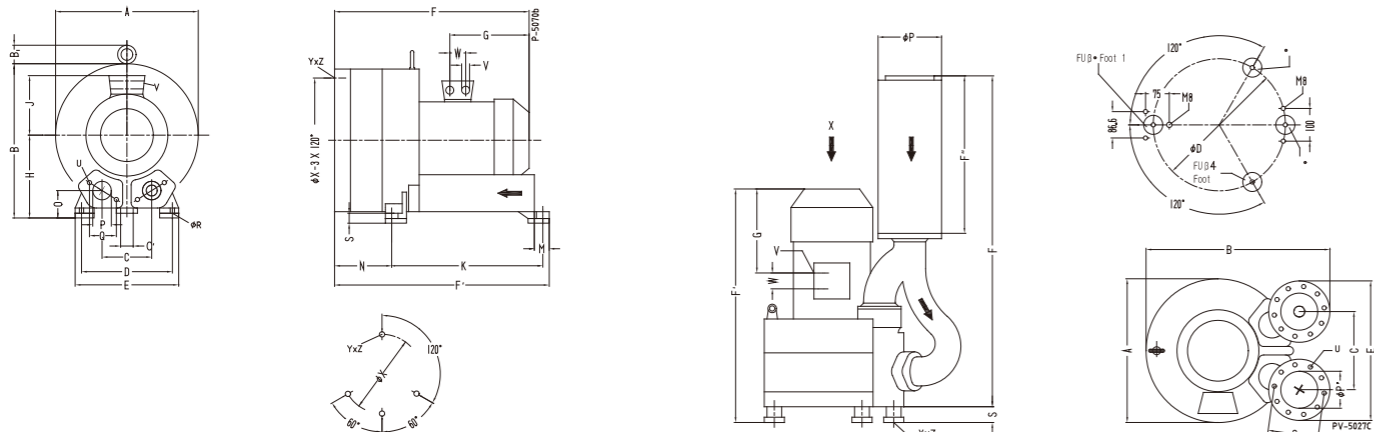
Type	Phases																					X-Holes						
型号	相位	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	ØP	Q	ØR	S	U	V	W	ØX	YxZ	
2RB 910 - H07	3~	550	569	55	207	15	360	415	525	644	605	268	300	167	533	39	89	92	100	150	15	21	M12x30	4xM32x1.5	42	490	M12x30	0°/120°/240°
2RB 910 - H17	3~								611			345												4xM40x1.5	54			
2RB 910 - H37	3~																							4xM32x1.5	42			
2RB 930 - H07	3~								563	682	643	268		167			127							4xM32x1.5	42			
2RB 930 - H17	3~								649			345		197										4xM40x1.5	54			
2RB 930 - H37	3~																											

Type	Phases																					X-Holes										
型号	相位	A	A'	B	B1	C	C'	D	E	F	F'	F''	G	H	H'	J	K	M	N	O	ØP	Q	ØR	S	T	U	V	W	ØX	YxZ		
2RB 920 - H17	3~	615	780	607	16	103.5	15	360	415	752	786	634	345	300	234	197	533	39	230	92	100	150	15	21	117	M12x30	4xM40x1.5	54	490	M12x30	51.4°/120°/240°	
2RB 920 - H27	3~																															
2RB 920 - H37	3~																															
2RB 920 - H47	3~								812																							

侧风道风机尺寸 2RB940.,2RB943.(mm)

2RB940.

2RB943.



Type	Phases																					X-Holes							
型号	相位	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	ØP	Q	ØR	S	U	V	W	ØX	YxZ		
2RB 940 - H27	3~	615	657	16	207	15	360	415	752	786	345	350	197	533	39	280	142	100	140	15	71	M12x35	4xM40x1.5	54	490	M12x30	120°/60°/60°		
2RB 940 - H37	3~																												
2RB 940 - H47	3~								812																				

Type	Phases																	X-Holes		
型号	相位	A	B	C	D	E	F	F'	F''	G	P	P'	Q	S	U	V	W	YxZ		
2RB 943 - H27 <sup>1)</sup>	3~	615	723	307	490	526	1201	848	578	291	219	135	201	58	M8x40	4xM40x1.5	54	M12x10.5		
2RB 943 - H37 <sup>1)</sup>	3~																			
2RB 943 - H47 <sup>1)</sup>	3~							908		351										



压力换算表 Pressure

初始单位 Beginning units	换算因子 Conversion factor	目标单位 Resulting units
Pa	0.01	Mbar
hPa	1.0	mbar
kPa	10.0	mbar
mm H <sub>2</sub> O	0.098	mbar
m H <sub>2</sub> O	98.07	mbar
at	980.7	mbar
inch H <sub>2</sub> O	2.491	mbar
PSI lpt/in <sup>2</sup>	68.948	mbar
mbar	100	Pa
mbar 1	10.2	mm H <sub>2</sub> O
mbar	10.2 · 10 <sup>-3</sup>	m H <sub>2</sub> O
mbar	1.02 · 10 <sup>-3</sup>	at
mbar	0.4016	inch H <sub>2</sub> O
mbar	14.505 · 10 <sup>-3</sup>	PSI lpt/in <sup>2</sup>

换算举例

250[inch H<sub>2</sub>O] · 2.491=622.5[mbar]

下面的公式用来把“以水银柱高度量度的真空度”换算成“绝对压力”  
1013-x[inches of mercury vacuum] · 33.8=Y[mbar abs.]

绝对压力

绝压是以理想真空（绝压为零）为基准而得到的测量值。所以绝压总是比参考值大。

表压

表压是指高于标准大气压压力的测量值。即以标准大气压为基准。因此实际测量值总是比基准值大。

真空度

真空度是指低于标准大气压压力的测量值。测量基准仍为标准大气压，所以实际测量值总比基准值小。

Example of conversion

250[inch H<sub>2</sub>O]2.491=622.5[mbar]

The following formula is used to convert values from “inches of mercury vacuum” to “mbar abs”

1013-x[inches of mercury vacuum]-33.8=Y[mbar abs.]

Absolute pressure

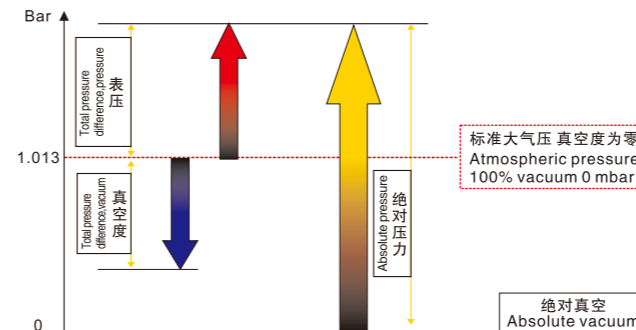
The pressure measured from absolute zero, using ideal vacuum as the datum. The measured pressure is always greater than the reference pressure.

Total pressure difference, pressure

The pressure measured above the prevailing atmospheric pressure. The datum is the prevailing atmospheric pressure and the measured pressure is always higher than the datum.

Total pressure difference, vacuum

The pressure measured lower than the prevailing atmospheric pressure. The datum is the prevailing atmospheric pressure and the measured pressure is always lower than the datum.



抽吸能力换算表 Suction capacity

初始单位 Beginning units	换算因子 Conversion factor	目标单位 Resulting units
l/min	0.06	m <sup>3</sup> /h
gal/min	0.227	m <sup>3</sup> /h
ft <sup>3</sup> /min	1.699	m <sup>3</sup> /h
m <sup>3</sup> /h	16.667	i/min
m <sup>3</sup> /h	4.403	gal/min
m <sup>3</sup> /h	0.588	ft <sup>3</sup> /min

功率换算表 Electrical power

初始单位 Beginning units	换算因子 Conversion factor	目标单位 Resulting units
hp	0.746	kW
btu/h	293.1	kW
kW	1.341	hp
kW	3.41 · 10 <sup>-3</sup>	Btu/h

重量换算表 Weight

初始单位 Beginning units	换算因子 Conversion factor	目标单位 Resulting units
lbm	0.454	kg
kg	2.205	lbm

长度换算表 Length

初始单位 Beginning units	换算因子 Conversion factor	目标单位 Resulting units
in.	25.4mm	
in.	0.0254	m
ft	305	mm
ft	0.305	m
m	39.37	in.
m	3.28	f

温度换算表 Temperature conversion

换算自 from	至 to	Conversion
°F	K	$T [K] = \frac{T [°F] + 459.67}{1.8}$
°F	°C	$t [°C] = \frac{T [°F] - 32}{1.8}$
K	°F	$t [°F] = 1.8 \cdot T [K] - 459.67$
°C	°F	$t [°F] = 1.8 \cdot t [°C] + 32$



50Hz 电压 Voltages at 50 Hz				
2RB...□.□				
<b>3 相 3-phase</b>				
185-225 V Δ /320-390VY	H	1	CUL	US
200-240 V Δ /345-415VY	H	6	CUL	US
345-415 V Δ	H	7	CUL	US
500V Δ	C	5	CUL	US
<b>单相 1-phase</b>				
115/230 V	V	5	CUL	US
230 V	A	1		
60Hz 电压 Voltages at 60 Hz				
<b>3 相 3-phase</b>				
200-240 V Δ /345-415VY	H	1	CUL	US
220-275 V Δ /380-480VY	H	6	CUL	US
380-480 V Δ	H	7	CUL	US
575 V Δ	C	5	CUL	US
<b>单相 1-phase</b>				
115/230 V	V	5	CUL	US
230 V	A	1		
ATEX 认证 3 相电压 Voltages 3-phase ATEX				
50Hz.类 3D.3G.3/2D 50Hz.categories 3D.3G.3/2D				
230 V Δ /400VY	D	1		
500 V Δ	D	5		
400 V Δ /690VY	D	6		
50Hz.类 3/2G 50Hz.categories 3/2G				
230 V Δ /400VY	D	1		
500 V Δ	D	5		
400 V Δ /690VY	D	6		
60Hz.类 3D.3G.3/2D 60Hz.categories 3D.3G.3/2D				
460 V Δ	D	1		
575 V Δ	D	5		
460 VY	D	6		
60Hz.类 3/2G 60Hz.categories 3/2G				
460 V Δ	G	1		
575 V Δ	G	5		
440 VY	G	6		

脚注:

- 1、表面声强根据EN216801在1米处的距离测量的，这时泵被扼至适中的进口压力，软管连接排气侧，抽吸侧未装真空卸荷阀。
- 2、针对选型的订购信息，参看附件一套。阀门的极限压力是以25℃的环境温度为基础，并与冷却介质有关。
- 3、对于2RB1 943型，只有立式安装形式。
- 4、允差：电机符合DIN EN 60 034/DIN IEC 34-1标准，绝缘等级F。

三相:

固定电压 +10%  
 宽压 +5%  
 美国标准 (UL) 和加拿大标准 (CSA) 分别为10%/+6%

单相:

固定电压 +5%  
 在连续工作条件下，若只有用到最大工作压力的90%，那么电压的允差可增至 ±10  
 美国标准 (UL) 和加拿大标准 (CSA) 分别为10%/+6%  
 频率 ±2%  
 我们的所有电机符合国际电工委员会标准及所引用的欧洲标准。此标准用以下替换下列成员国的国家标准:

- 德国 VDE标准
- 法国 NFC标准
- 比利时 NBNC标准
- 英国 Bs标准
- 意大利 CEI标准
- 荷兰 NEN标准
- 瑞典 Ss标准
- 瑞士 SEV标准

我们的产品也符合很多国家的国家标准。  
 以下标准也符合IEC60034-1标准，因此相应的电机也可直接在标准条件下使用。

- UL 1004-1 美国
- CS A22.2.No.113 加拿大
- IS 325 印度
- IS 4722
- NEK\_IEC 60034-1 挪威

Footnotes:

- 1、Measuring surface sound-pressure level acc. to EN 216801, measured at a distance of 1 m. The pump is throttled to medium inlet pressure. a hose is connected to the discharge side, and a vacuum-relief valve is not fitted.
- 2、For selection and ordering information, see accessories. The pressure limits of the valves are based on a cooling agent and ambient temperature of 25.
- 3、For 2RB1 943, only mounting on the end-casing is possible.
- 4、Tolerances: the motors comply with DIN EN60 034/DIN IEC 34-1 and Insulation class F:

Three-phase:

fixed voltages incl. ATEX +10%  
 voltage range +5%  
 in compliance with UL and CSA 10%/+6%

Single-phases:

Fixed voltages: +5%  
 If during continuous operation only 90% of the maximum end pressure is used, the admissible tolerance increases to +/-10%. In compliance with UL and

Frequency:

+2%  
 The motors comply with the IEC and European norms quoted. The European norms replace the national norms of the following member states: Germany (VDE), France (NFC), Belgium (NBNC), Great Britain (BS), Italy (CEI), Netherlands (NEN), Sweden (SS), Switzerland (SEV) and others. The machines also comply with various national norms.

The following norms have been adapted to the publications IEC 60 034-1 and the motors can be used at standard rated performance:

- UL 1004-1 USA
- CS A22.2.No.113 Canada
- IS 325 India
- IS 4722
- NEK\_IEC 60034-1 Norway

关于气环式高压风机的安装尺寸及相关的配件、附件，请访问网站

[www.zhangoco.com](http://www.zhangoco.com) 或者来电索取



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