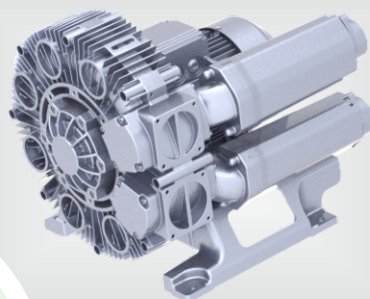
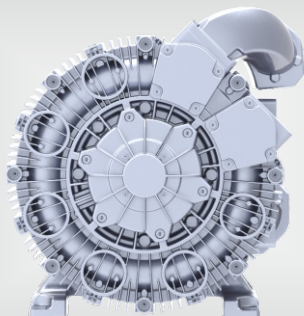




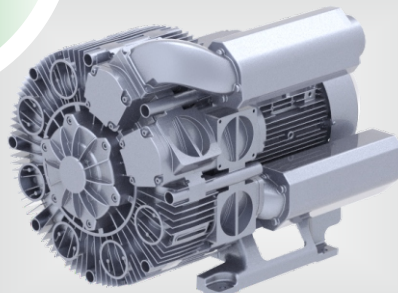
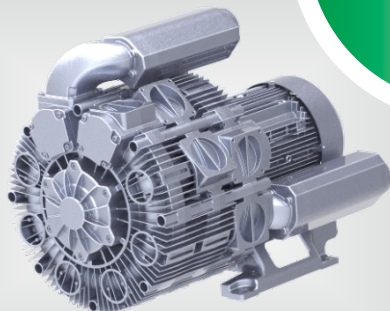
格力士®
GREEFAN

专业气环泵设计、制造商

Professional air pump design、manufacturer



3NB系列



苏州格力士实业有限公司

Suzhou greefan Industry Co., Ltd

RoHS

CE



IE2/IE3



企业简介

苏州格力士实业有限公司

苏州格力士实业有限公司（以下简称公司）创建于2016年，位于江苏省苏州市吴中区甪直镇，是一家专业从事空气流体设备（压缩、真空）的国家高新技术企业，通过多年的发展，公司形成了漩涡式气泵为主，其他空气流体设备（真空泵和压缩机）为辅，集研发、生产、销售、服务于一体的发展格局。

公司有三处厂房，总占地面积45000余平方米，年产量15万台左右。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20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、喷漆一体化的生产和管理，从而使得产品质量能够更好控制和不断提升。

公司是江苏省挂牌企业，在2021年被评为江苏省“瞪羚企业”，拥有30多项国家发明和实用新型专利，已成为国内空气流体设备（压缩、真空）领域创新领导者。公司通过ISO9001质量体系认证，产品通过UL，CE，TUV，CCC，RoHS，高效节能认证，主要出口欧美等发达国家，深受客户的青睐。

“不断创新、精益求精”是公司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。热诚欢迎海内外各界朋友到我公司参观指导。我愿与您真诚合作，携手共进，互利共赢，共创辉煌的明天。

About us

Suzhou Greefan Industrial Co., Ltd. (hereinafter referred to as the Company), founded in 2016 and located in Luzhi Town, Wuzhong District, Suzhou City, Jiangsu Province, is a national high-tech enterprise specializing in air fluid equipment (compression, vacuum). Through years of development, the Company has formed a development pattern that integrates research and development, production, sales and service, with vortex air pumps as the main part and other air fluid equipment (vacuum pumps and compressors) as the auxiliary part.

The company has three workshops, covering a total area of more than 45000 square meters, with an annual output of about 150000 sets. It has powerful R&D technology and advanced processing equipment, more than 300 production equipment, including more than 10 die-casting machines, more than 80 processing equipment imported from Germany and Japan, and more than 20 precision testing instruments, testing equipment, and testing equipment. The company always adheres to the integrated production and management of design and development, mold manufacturing, die-casting, stamping, precision machining, assembly and painting, so that the product quality can be better controlled and continuously improved.

The company is a listed enterprise in Jiangsu Province. In 2021, it was rated as "gazelle enterprise" in Jiangsu Province. With more than 30 national invention and utility model patents, it has become an innovative leader in the field of domestic air and fluid equipment (compression, vacuum). The company has passed ISO9001 quality system certification, and its products have passed UL, CE, TUV, CCC, RoHS, high efficiency and energy-saving certification. It is mainly exported to developed countries such as Europe and the United States, and is favored by European and American customers.

"Continuous innovation and excellence" is the benchmark of the company's sustained and rapid development. We always adhere to the business policy of "scientific management, brand first, quality first, customer satisfaction". We always believe that customers are the source of the company's sustainable success. Warmly welcome friends from all walks of life at home and abroad to visit our company. I would like to sincerely cooperate with you, hand in hand, mutual benefit and win-win, and create a brilliant tomorrow.

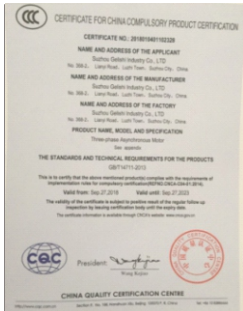
企业资质 Enterprise qualification



UL 认证



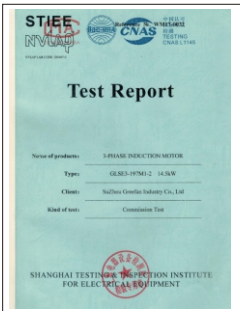
CE 认证



CCC 认证



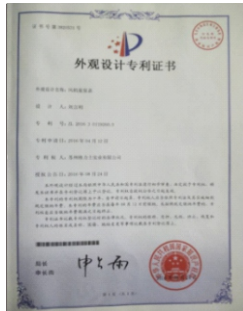
ISO9001 认证



高效节能电机认证



专利认证



专利认证



江苏省股权挂牌企业

型号说明

Demonstration of the type

3NB 550 3AA T67

电压/功率

Voltage/power

电压范围: T16~T26: Δ200-260V/Y350-450V
Voltage range: T37~T87: Δ350-450V/Y610-725V
功率范围: T16: 2.2KW T26: 3KW
Power range: T37: 4KW T47: 5.5KW T57: 7.5KW
T67: 11KW T77: 15KW T87: 18.5KW

叶轮数量

Number of impellers

1AA 单段-单个叶轮 Single stage - Single impeller
2AA 双段-两个叶轮 Double stage - Double impeller
3AA 三段-三个叶轮 Three stage - Three impeller

泵头型号

Pump head model

350 / 550 / 750

气泵系列号

pump serial number

3NB系列 series

型号 Model	频率	额定			最大流量	最高真空	最高压力	口径	噪音	重量
		功率	电压	电流						
	Hz	Kw	V	A	m3/ h	mbar	mbar	Inch	dB(A)	Kg
3NB 350-1AAT16	50	2.2	200-260△/350-450Y	8.1△ / 4.6Y	315	-190	170	G2 1/2	64	45
	60	2.55	230-290△/400-500Y	8.0△/ 4.6Y	370	-150	130		68	
3NB 350-1AAT26	50	3.0	200-260△/350-450Y	11.4△/ 6.5Y	315	-290	270	G2 1/2	65	50
	60	3.45	230-290△/400-500Y	10.8△/ 6.2Y	370	-250	220		69	
3NB 350-1AAT37	50	4.0	350-450△/610-725Y	8.4△/ 4.8Y	315	-350	390	G2 1/2	65	62
	60	4.6	400-500△/690-725Y	8.2△/ 4.7Y	370	-370	340		69	
3NB 350-1AAT47	50	5.5	350-450△/610-725Y	11.1△/ 6.4Y	315	-350	500	G2 1/2	65	74
	60	6.3	400-500△/690-725Y	11.0△ / 6.4Y	370	-390	510		69	
3NB 350-2AAT26	50	3.0	200-260△/350-450Y	11.4△/ 6.5Y	320	-230	190	G2 1/2	68	68
	60	3.45	230-290△/400-500Y	10.8△/ 6.2 Y	380	-150	120		71	
3NB 350-2AAT37	50	4.0	350-450△/610-725Y	8.4△/ 4.8 Y	320	-350	310	G2 1/2	69	79
	60	4.6	400-500△/690-725Y	8.2△/ 4.7 Y	380	-280	230		72	
3NB 350-2AAT47	50	5.5	350-450△/610-725Y	11.1△/ 6.4 Y	320	-530	480	G2 1/2	71	90
	60	6.3	400-500△/690-725Y	11.0△/ 6.4 Y	380	-480	390		74	
3NB 350-2AAT57	50	7.5	350-450△/610-725Y	15.0△/ 8.7 Y	320	-530	700	G2 1/2	71	97
	60	8.6	400-500△/690-725Y	15.1△/ 8.8Y	380	-580	610		74	
3NB 350-2AAT67	50	11	350-450△/610-725Y	22.0△ / 12.7Y	320	-530	870	G2 1/2	72	120
	60	12.6	400-500△/690-725Y	22.0△/ 12.9Y	380	-580	930		76	
3NB 350-3AAT37	50	4.0	350-450△/610-725Y	8.4△/ 4.8Y	320	-300	250	G2 1/2	69	82
	60	4.6	400-500△/690-725Y	8.2△/ 4.7Y	380	-200	150		72	
3NB 350-3AAT47	50	5.5	350-450△/610-725Y	11.1△/ 6.4Y	320	-490	410	G2 1/2	71	93
	60	6.3	400-500△/690-725Y	11.0△/ 6.4Y	380	-410	300		74	
3NB 350-3AAT57	50	7.5	350-450△/610-725Y	15.0△/ 8.7Y	320	-680	620	G2 1/2	71	100
	60	8.6	400-500△/690-725Y	15.1△/ 8.8Y	380	-650	510		74	
3NB 350-3AAT67	50	11.0	350-450△/610-725Y	22.0△/ 12.7Y	320	-680	1020	G2 1/2	72	120
	60	12.6	400-500△/690-725Y	22.0△/ 12.9Y	380	-650	880		76	
3NB 350-3AAT77	50	15.0	350-450△/610-725Y	30.5△/ 17.3Y	320	-680	1020	G2 1/2	72	136
	60	17.3	400-500△/690-725Y	29.5△/ 17.0Y	380	-650	1050		76	
3NB 550-1AAT26	50	3.0	200-260△/350-450Y	11.4△/ 6.5Y	480	-130	120	G3	69	66
	60	3.45	230-290△/400-500Y	10.8△/ 6.2Y	565	-70	60		74	
3NB 550-1AAT37	50	4.0	350-450△/610-725Y	8.4△/ 4. 8Y	480	-230	200	G3	69	78
	60	4.6	400-500△/690-725Y	8.2△/ 4.7Y	565	-170	140		74	
3NB 550-1AAT47	50	5.5	350- 450△/610-725Y	11.1△/ 6.4Y	480	-380	330	G3	69	88
	60	6.3	400-500△/690-725Y	11.0△/ 6.4Y	565	-310	260		85	
3NB 550-1AAT57	50	7.5	350-450△/610-725Y	15.0△/ 8.7Y	480	-380	500	G3	69	96
	60	8.6	400-500△/690-725Y	15.1△/ 8.8Y	565	-410	440		85	
3NB 550-2AAT47	50	5.5	350-450△/610-725Y	11.1△/ 6.4Y	480	-270	220	G3	70	118
	60	6.3	400-500△/690-725Y	11.0△/ 6.4Y	580	-180	130		74	

型号 Model	频率	额定			最大流量	最高真空	最高压力	口径	噪音	重量
		功率	电压	电流						
	Hz	Kw	V	A	m3/ h	mbar	mbar	Inch	dB(A)	Kg
3NB 550-2AAT57	50	7.5	350-450△/610-725Y	15.0△/ 8.7Y	480	-450	370	G3	70	126
	60	8.6	400-500△/690-725Y	15.1△/ 8.8Y	580	-370	280		74	
3NB 550-2AAT67	50	11.0	350-450△/610-725Y	22.0△/ 12.7Y	480	-530	630	G3	70	145
	60	12.6	400-500△/690-725Y	22.0△/ 12.9Y	580	-540	530		74	
3NB 550-2AAT77	50	15.0	350-450△/610-725Y	30.5△/ 17.3Y	480	-530	890	G3	70	156
	60	17.3	400-500△/690-725Y	29.5△/17.0Y	580	-540	870		74	
3NB 550-3AAT57	50	7.5	350-450△/610-725Y	15.0△/8.7Y	480	-380	280	G3	71	142
	60	8.6	400-500△/690-725Y	15.1△/8.8Y	580	-240	140		77	
3NB 550-3AAT67	50	11.0	350-450△/610-725Y	22.0△/12.7Y	480	-610	540	G3	71	167
	60	12.6	400-500△/690-725Y	22.0△/12.9Y	580	-590	390		77	
3NB 550-3AAT77	50	15.0	350-450△/610-725Y	30.5△/17.3Y	480	-610	830	G3	71	180
	60	17.3	400-500△/690-725Y	29.5△/17.0 Y	580	-590	680		77	
3NB 550-3AAT87	50	18.5	350-450△/610-725Y	37.0△/21.0Y	480	-610	1020	G3	71	195
	60	21.3	400-500△/690-725Y	36.5△/21.0 Y	580	-590	870		77	
3NB 750-1AAT47	50	5.5	350-450△/610-725Y	11.1△/6.4Y	750	-180	160	G4	71	110
	60	6.3	400-500△/690-725Y	11.0△/6.4Y	880	-100	80		75	
3NB 750-1AAT57	50	7.5	350-450△/610-725Y	15.0△/8.7Y	750	-310	270	G4	71	118
	60	8.6	400-500△/690-725Y	15.1△/8.8Y	880	-240	190		75	
3NB750-1AAT67	50	11	350-450△/610-725Y	22.0△/12.7Y	750	-380	450	G4	71	140
	60	12.6	400-500△/690-725Y	22.0△/12.9Y	880	-410	380		75	
3NB750-1AAT77	50	15	350-450△/610-725Y	30.5△/17.3Y	750	-380	550	G4	71	152
	60	17.3	400-500△/690-725Y	29.5△/17.0Y	880	-410	590		75	
3NB 750-2AAT57	50	7.5	350-450△/610-725Y	15.0△/8.7Y	720	-220	170	G4	73	158
	60	8.6	400- 500△/690-725Y	15.1△/8.8Y	840	-90	70		77	
3NB750-2AAT67	50	11	350-450△/610-725Y	22.0△/12.7Y	720	-440	350	G4	73	177
	60	12.6	400- 500△/690-725Y	22.0△/12.9Y	840	-340	240		77	
3NB750-2AAT77	50	15	350-450△/610-725Y	30.5△/17.3Y	720	-530	550	G4	73	186
	60	17.3	400-500△/690-725Y	295△/17.0Y	840	-530	450		77	
3NB 750-2AAT87	50	18.5	350-450△/610-725Y	37.0△/21.0Y	720	-530	730	G4	73	202
	60	21.3	400-500△/690- 725Y	36.5△/21.0Y	840	-530	610		77	
3NB750-3AAT67	50	11	350-450△/610-725Y	22.0△/12.7Y	690	-370	270	G4	74	210
	60	12.6	400-500△/690- 725Y	22.0△/12.9Y	795	-230	140		78	
3NB750-3AAT77	50	15	350-450△/610-725Y	30.5△/17.3Y	690	-600	470	G4	74	223
	60	17.3	400-500△/690-725Y	29.5△/17.0Y	795	-530	340		78	
3NB 750-3AAT87	50	18.5	350-450△/610-725Y	370△/21.0Y	690	-600	640	G4	74	230
	60	21.3	400-500△/690-725Y	36.5△/21.0Y	795	-590	500		78	

the total pressure differences are valid up to an intake and ambient of 25°C.

The graph displays the performance of three 3NB series vacuum pumps: 3NB 750, 3NB 550, and 3NB 350. The left x-axis represents Vacuum in mbar (真真空 mbar), ranging from 1100 to 0. The right y-axis represents Suction Capacity in m³/h, ranging from 0 to 800. The bottom x-axis represents Total pressure difference Δp in mbar (总压差 Δp mbar), ranging from 1100 to 0. The graph shows three sets of curves, each with three lines labeled 1, 2, and 3. Data points are marked with green dots and labeled with numbers (e.g., 15=18.5, 11, 7.5, 5.5, 4, 3, 2.2, 5.5-7.5, 4).

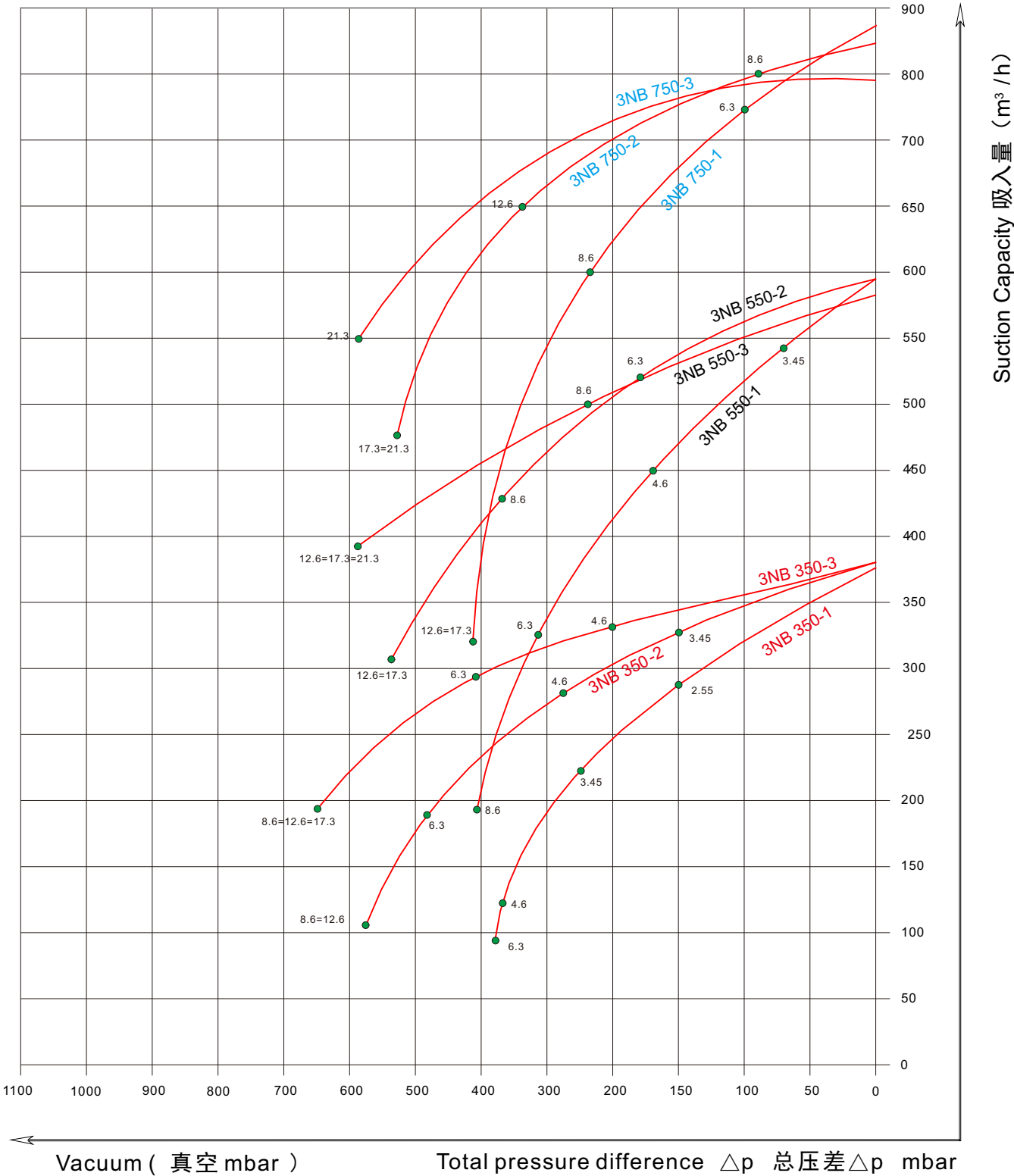
Series	Line	Label	Vacuum (mbar)	Suction Capacity (m³/h)
3NB 750	1	15=18.5	600	400
	1	11	450	450
	1	7.5	300	550
	1	5.5	200	600
	2	15=18.5	550	350
	2	7.5	400	380
	2	5.5	250	420
	3	11=15=18.5	600	250
	3	7.5	450	280
	3	5.5	300	320
	3	4	250	350
	3NB 550	1	11=15	550
1		7.5	400	220
1		5.5	250	250
2		11=15	400	200
2		7.5	300	220
2		5.5	200	250
3		11=15=18.5	600	150
3		7.5	450	180
3		5.5	300	200
3		4	250	220
3		3	200	250
3NB 350		1	7.5=11=15	650
	1	5.5=7.5=11	550	80
	1	5.5-7.5	400	100
	1	4	300	120
	2	7.5=11=15	650	50
	2	5.5=7.5=11	550	80
	2	5.5-7.5	400	100
	2	4	300	120
	3	7.5=11=15	650	50
	3	5.5=7.5=11	550	80
	3	5.5-7.5	400	100

下面的性能曲线是在吸抽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 1.103 mbar of ±10%.

the total pressure differences are valid up to an intake and ambient of 25℃.

真空选型图表 60Hz

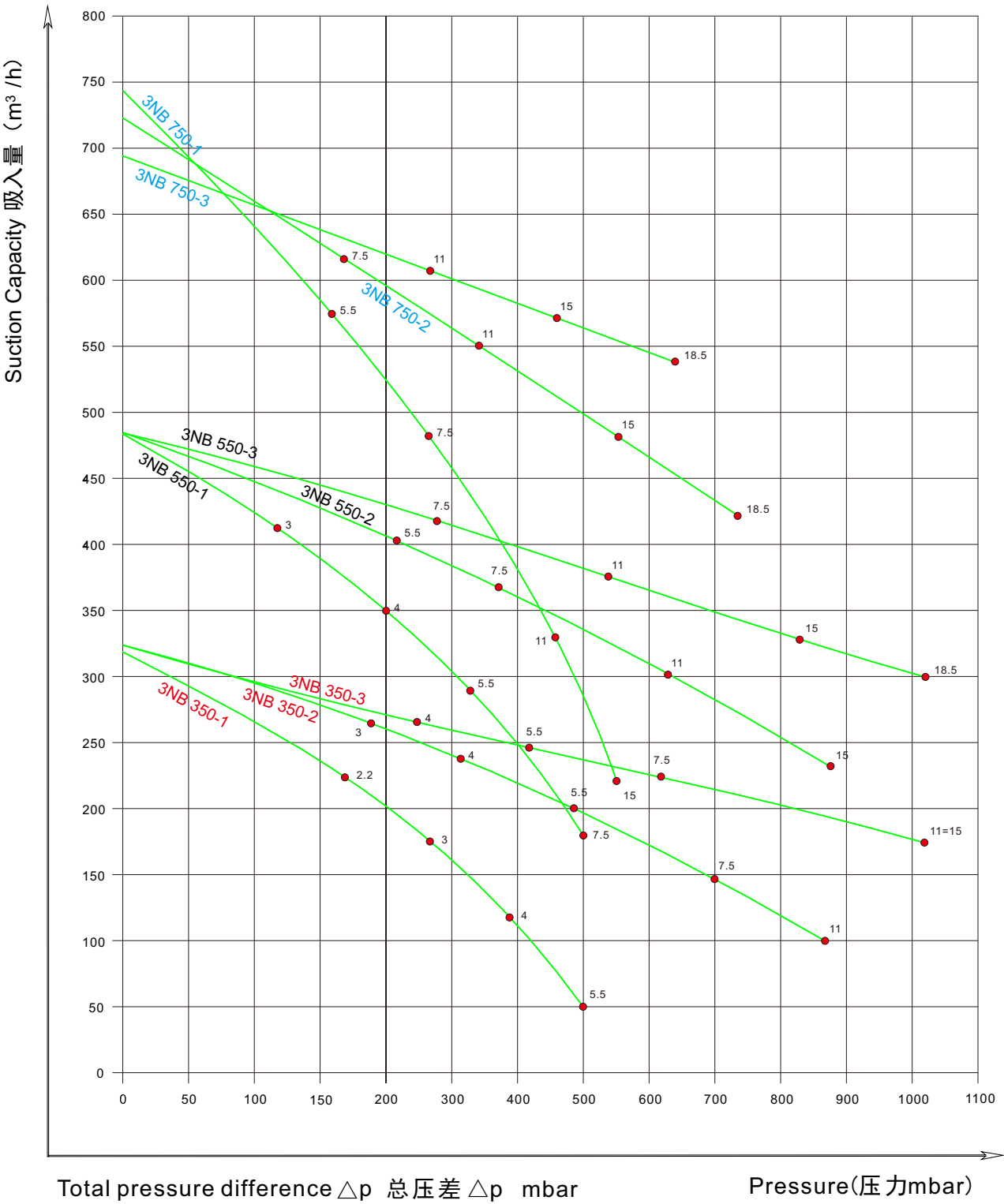


下面的性能曲线是在吸抽15°C空气，排气压力1013mbar的工况下测出的，允差±10%,吸入空气和环境温度不超过25°C时，即可达到图示总压差。

The performance curves are valid for pumping air at 15°C at the inlet flanges with an air pressure of 1.103 mbar of ±10%.

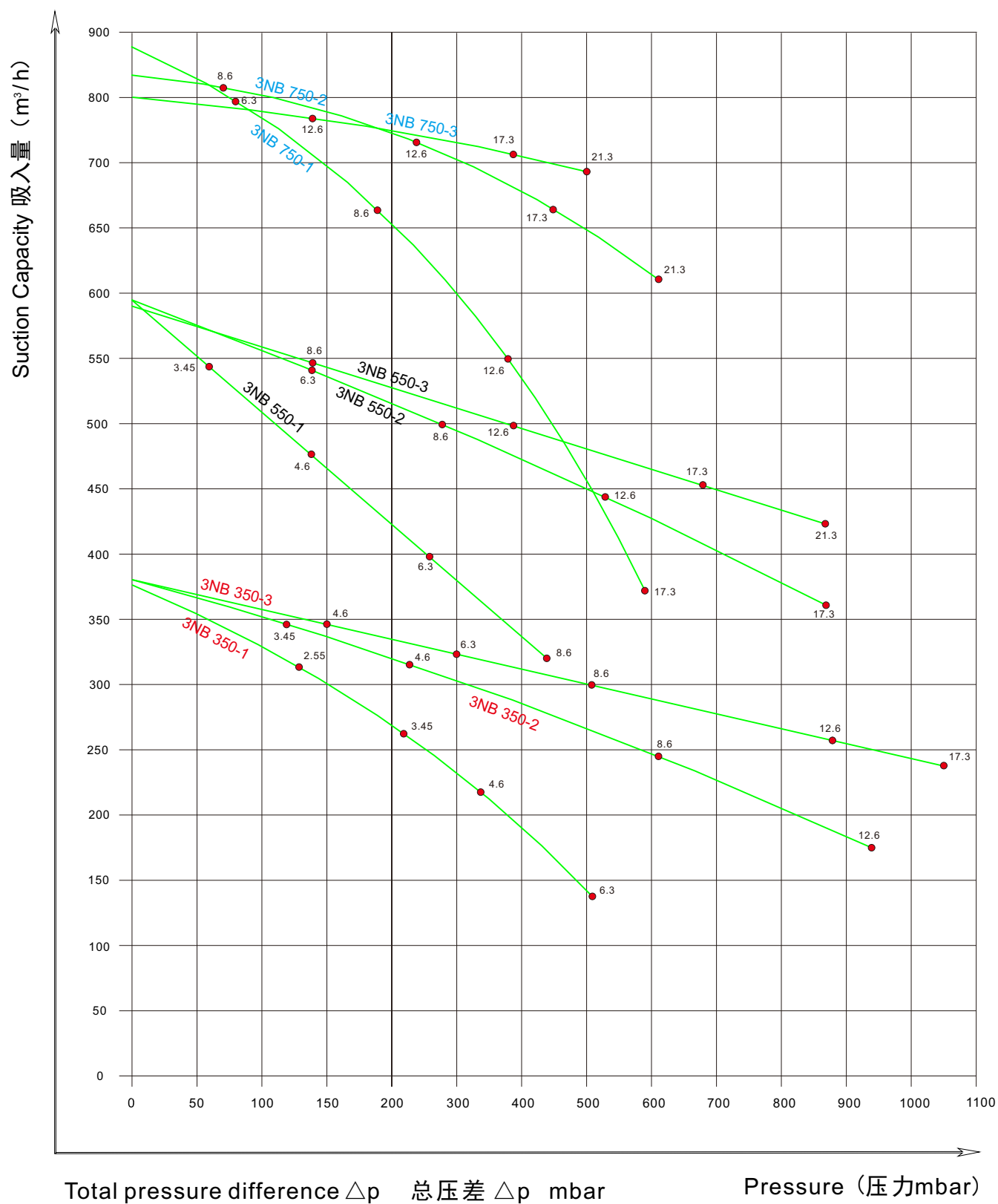
the total pressure differences are valid up to an intake and ambient of 25°C.

压缩选型图表 50Hz

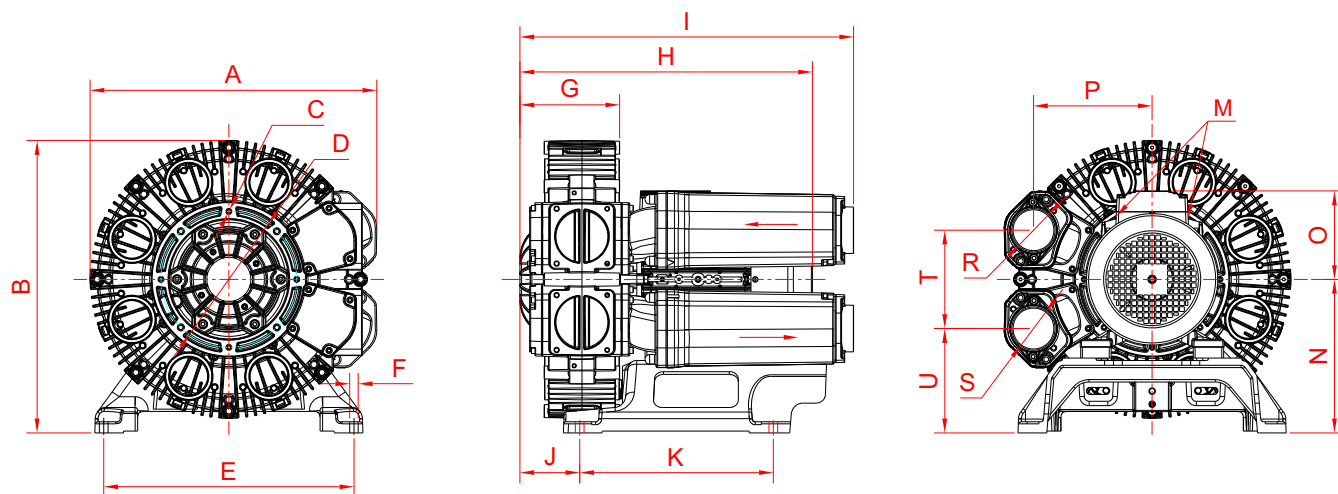


the total pressure differences are valid up to an intake and ambient of 25°C.

压缩选型图表 60Hz



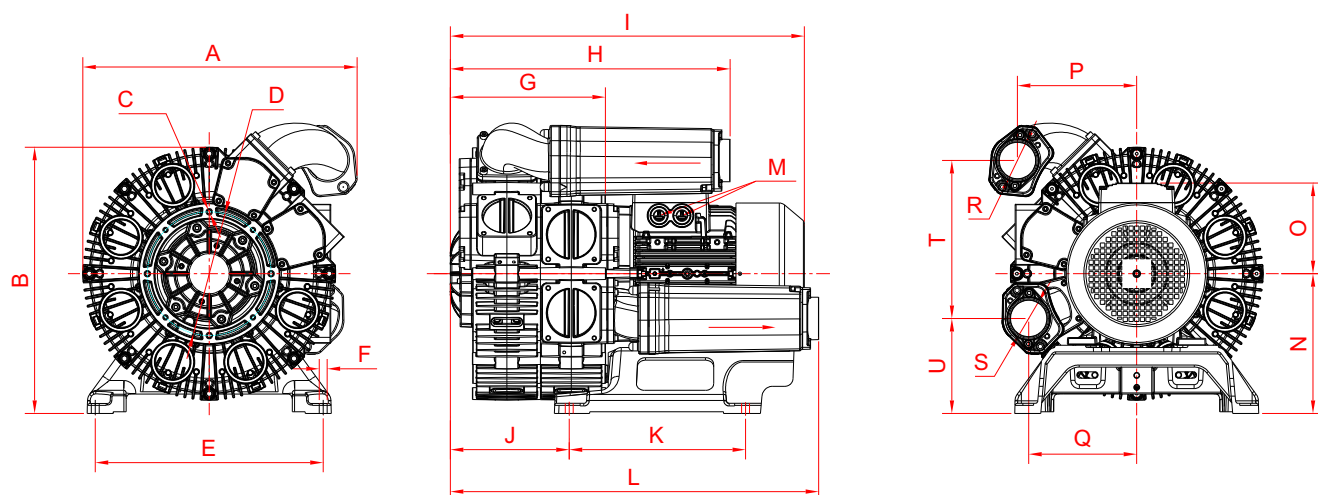
单位 /unit : 毫米 mm



型号	A	B	C	D	E	F	G	H	I	J
3NB350-1AAH16	481	490	6-M8	228	420	14.5	167	480	560	100
3NB350-1AAH26	481	490	6-M8	228	420	14.5	167	520	560	100
3NB350-1AAH37	481	490	6-M8	228	420	14.5	167	490	560	100
3NB350-1AAH47	481	490	6-M8	228	420	14.5	167	534	560	100
3NB550-1AAT26	550	545			420	14.5	189	520	644	121
3NB550-1AAT37	550	545			420	14.5	189	539	644	121
3NB550-1AAT47	550	545			420	14.5	189	556	644	121
3NB550-1AAT57	550	545			420	14.5	189	556	644	121

型号	K	M	N	O	P	R	S	T	U
3NB350-1AAH16	325	4-M32X1.5	257	128	199	G2.5	G2.5	165	175
3NB350-1AAH26	325	4-M32X1.5	257	135	199	G2.5	G2.5	165	175
3NB350-1AAH37	325	4-M32X1.5	257	148	199	G2.5	G2.5	165	175
3NB350-1AAH47	325	4-M32X1.5	257	167	199	G2.5	G2.5	165	175
3NB550-1AAT26	325	4-M32X1.5	284	135	227	G3	G3	187	191
3NB550-1AAT37	325	4-M32X1.5	284	148	227	G3	G3	187	191
3NB550-1AAT47	325	4-M32X1.5	284	167	227	G3	G3	187	191
3NB550-1AAT57	325	4-M32X1.5	284	167	227	G3	G3	187	191

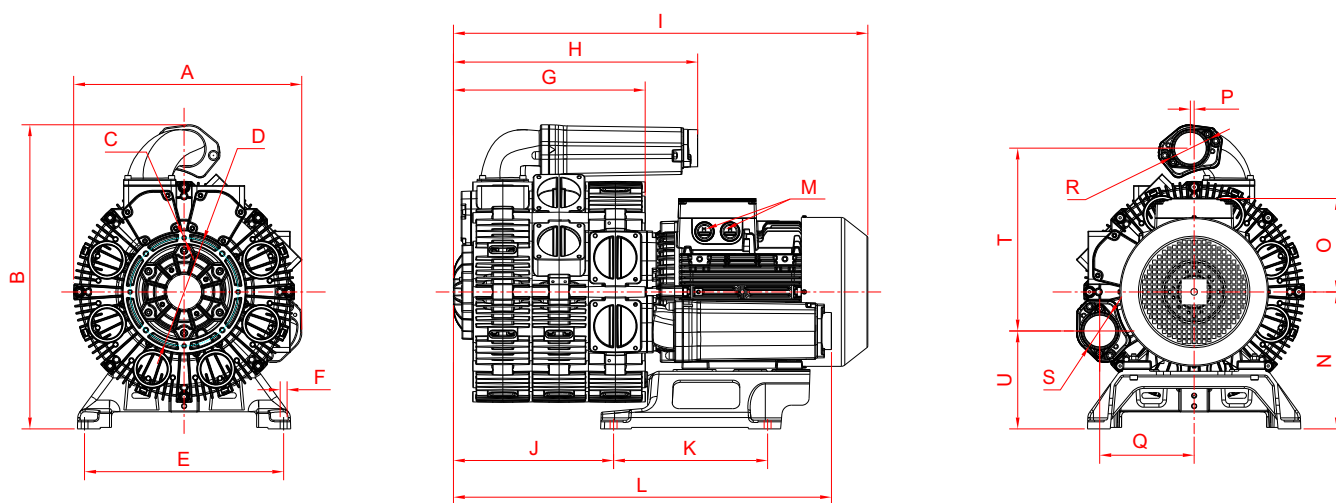
单位 /unit : 毫米 mm



型号	A	B	C	D	E	F	G	H	I	J	K
3NB350-2AAT26	505	490	6-M8	228	420	14.5	286	516	660	219	325
3NB350-2AAT37	505	490	6-M8	228	420	14.5	286	516	610	219	325
3NB350-2AAT47	505	490	6-M8	228	420	14.5	286	516	653	219	325
3NB350-2AAT57	505	490	6-M8	228	420	14.5	286	516	653	219	325
3NB350-2AAT67	505	490	6-M8	228	420	14.5	286	516	756	219	325
3NB550-2AAT47	573	546			420	14.5	319	602	685	251	325
3NB550-2AAT57	573	546			420	14.5	319	602	685	251	325
3NB550-2AAT67	573	546			420	14.5	319	602	790	251	325
3NB550-2AAT77	573	546			420	14.5	319	602	790	251	325

型号	L	M	N	O	P	Q	R	S	T	U
3NB350-2AAT26	679	4-M32X1.5	257	135	220	199	G2.5	G2.5	291	206
3NB350-2AAT37	679	4-M32X1.5	257	148	220	199	G2.5	G2.5	291	206
3NB350-2AAT47	679	4-M32X1.5	257	167	220	199	G2.5	G2.5	291	206
3NB350-2AAT57	679	4-M32X1.5	257	167	220	199	G2.5	G2.5	291	206
3NB350-2AAT67	679	4-M40X1.5	285	197	220	199	G2.5	G2.5	291	206
3NB550-2AAT47	774	4-M32X1.5	280	167	246	227	G3	G3	328	191
3NB550-2AAT57	774	4-M32X1.5	280	167	246	227	G3	G3	328	191
3NB550-2AAT67	774	4-M40X1.5	285	197	246	227	G3	G3	328	191
3NB550-2AAT77	774	4-M40X1.5	285	197	246	227	G3	G3	328	191

单位 / unit : 毫米 mm



型号	A	B	C	D	E	F	G	H	I	J	K
3NB350-3AAT37	481	610	6-M8	228	420	14.5	405	516	729	338	325
3NB350-3AAT47	481	610	6-M8	228	420	14.5	405	516	772	338	325
3NB350-3AAT57	481	610	6-M8	228	420	14.5	405	516	772	338	325
3NB350-3AAT67	481	610	6-M8	228	420	14.5	405	516	875	338	325
3NB350-3AAT77	481	610	6-M8	228	420	14.5	405	516	875	338	325
3NB550-3AAT57	550	678			420	14.5	448	602	815	380	325
3NB550-3AAT67	550	678			420	14.5	448	602	815	380	325
3NB550-3AAT77	550	682			420	14.5	448	602	920	380	325
3NB550-3AAT87	550	682			420	14.5	448	602	920	380	325

型号	L	M	N	O	P	Q	R	S	T	U
3NB350-3AAT37	798	4-M32X1.5	257	148	8	199	G2.5	G2.5	385	175
3NB350-3AAT47	798	4-M32X1.5	257	167	8	199	G2.5	G2.5	385	175
3NB350-3AAT57	798	4-M32X1.5	257	167	8	199	G2.5	G2.5	385	175
3NB350-3AAT67	798	4-M40X1.5	289	197	8	199	G2.5	G2.5	385	206
3NB350-3AAT77	798	4-M40X1.5	289	197	8	199	G2.5	G2.5	385	206
3NB550-3AAT57	904	4-M32X1.5	280	167	8.6	227	G3	G3	433	190
3NB550-3AAT67	904	4-M40X1.5	284	197	8.6	227	G3	G3	433	190
3NB550-3AAT77	904	4-M40X1.5	284	197	8.6	227	G3	G3	433	190
3NB550-3AAT87	904	4-M40X1.5	284	197	8.6	227	G3	G3	433	190



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苏州格力士实业有限公司

SUZHOU GREEFAN INDUSTRY CO.,.TD

🏠 地址：苏州市吴中区联谊路368-2号

ADD：368-2, friendship road, Wuzhong District, Suzhou

☎ 电话 Tel：0512-6502 5728

📠 传真 Fax：0512-6502 1738

✉ 邮件 Email：sales@greefan.com

🌐 www.szgreefan.com

