



شرکت ایران گیو

شرکت پیشرو صنعت نواوران حاصل شماره ثبت: ۶۵۹۲۶۸

واردات و تامین پمپ های وکیوم و لوازم جانبی

تلفن: ۰۲۱-۳۳۹۵۰۵۳۳

۰۲۱-۳۳۹۵۰۵۳۴

۰۲۱-۳۳۹۰۸۴۱۲

۰۲۱-۳۳۹۳۹۸۱۳

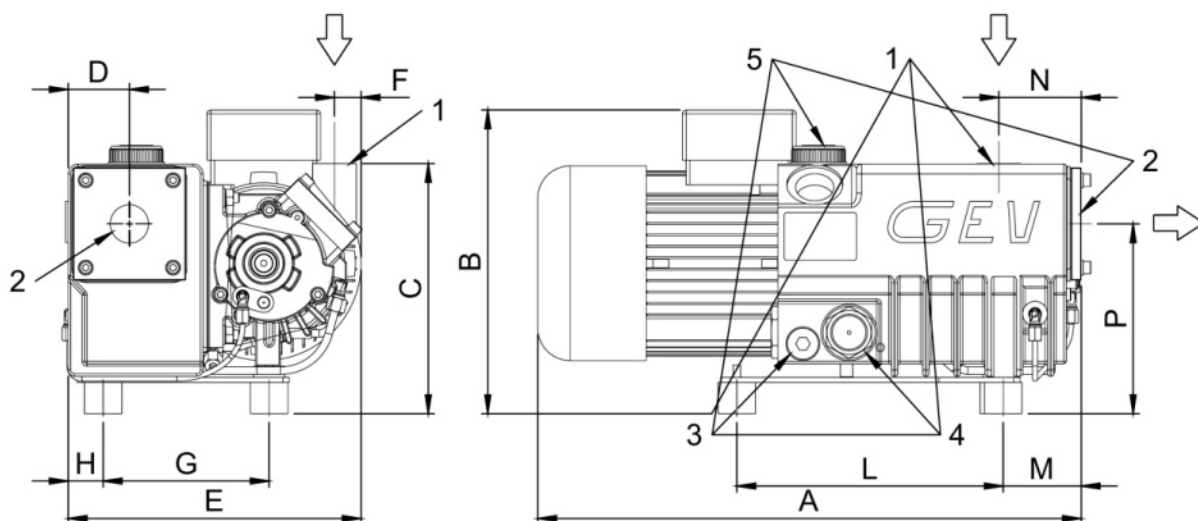
۰۲۱-۳۳۹۶۱۴۸۳

واتساپ: ۰۹۳۸۸۹۸۹۱۶۸

WWW.IRANGEV.COM

- 1 Aspirazione
2 Scarico
3 Tappo scarico olio
4 Spia livello olio
5 Tappo carico olio

- 1 Suction
2 Discharge
3 Oil discharge plug
4 Oil sight glass
5 Oil fill up plug



		Tipo di pompa/Frequenza							
		Pump type/Frequency							
		GP11 50Hz	GP11 60Hz	GP/M 11 50Hz	GP/M 11 60Hz	GP21 50Hz	GP21 60Hz	GP/M 21 50Hz	GP/M 21 60Hz
Dimensioni (mm) <i>Dimensions (mm)</i>	A	435	435	435	435	435	435	435	435
	B	243	243	243	243	243	243	243	243
	C	200	200	200	200	200	200	200	200
	D	49	49	49	49	49	49	49	49
	E	234	234	234	234	234	234	234	234
	F	21	21	21	21	21	21	21	21
	G	133	133	133	133	133	133	133	133
	H	28	28	28	28	28	28	28	28
	L	213	213	213	213	213	213	213	213
	M	62	62	62	62	62	62	62	62
	N	66	66	66	66	66	66	66	66
	P	152	152	152	152	152	152	152	152

پمپ وکیوم روغنی گیو GPM11-21

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Pump type GP-GP/M 11-21

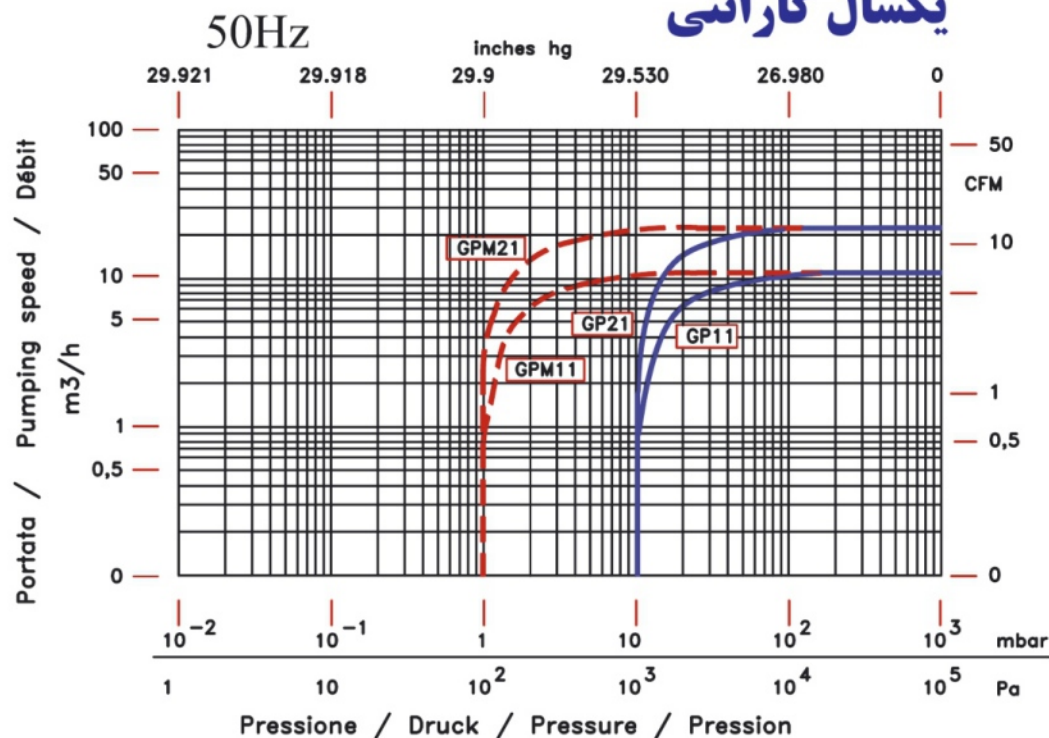


Pump type GP/M 11/21 ATEX



ساخت ایتالیا

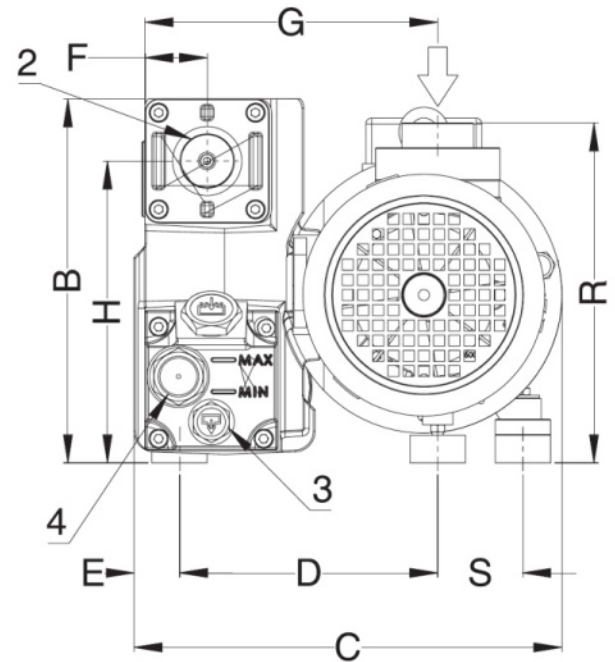
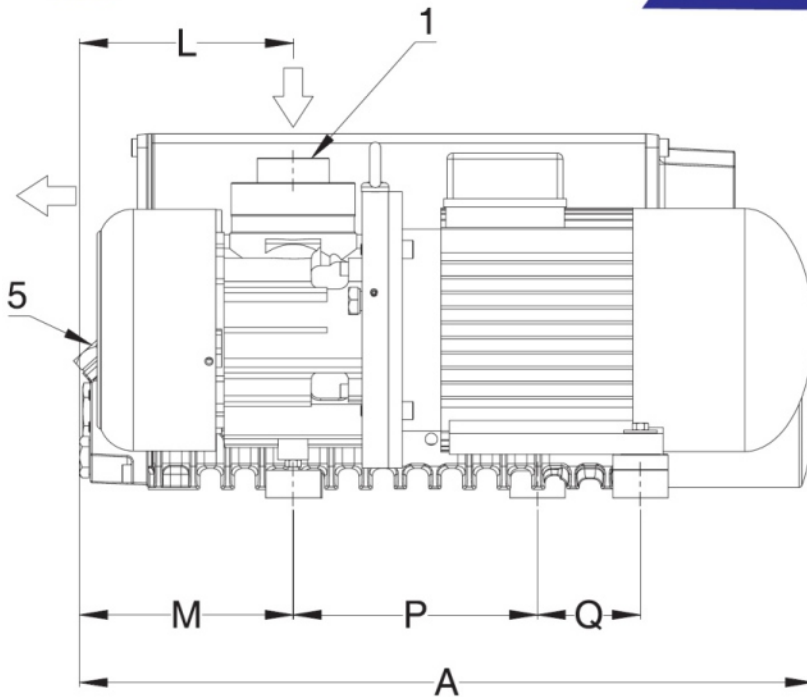
یکسال گارانتی



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن با روغن kg	حجم روغن l	قطر دهانه ورودی
GP/M 11 50Hz	11	1	59	230/400	0,55	1450	19	0,5	½" GAS
GP/M 21 50Hz	21	1	62	230/400	0,75	1450	20	0,5	½" GAS

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پمپ وکیوم روغنی گیو GPM45-65E



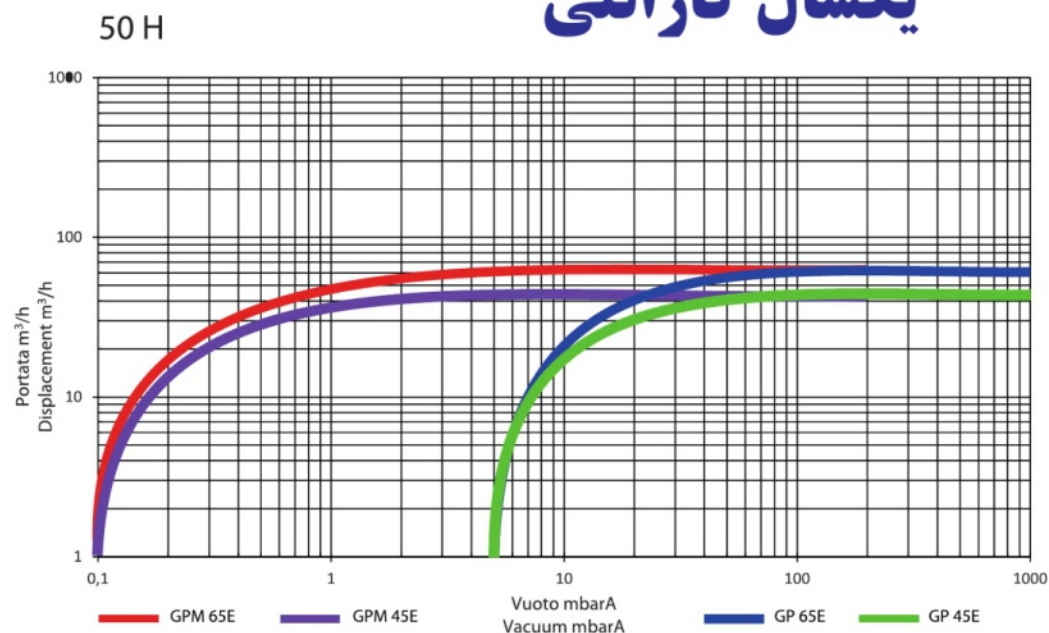
- 1 Aspirazione
- 2 Scarico
- 3 Tappo scarico olio
- 4 Spia livello olio
- 5 Tappo carico olio

- 1 Suction
- 2 Discharge
- 3 Oil discharge plug
- 4 Oil sight glass
- 5 Oil fill up plug

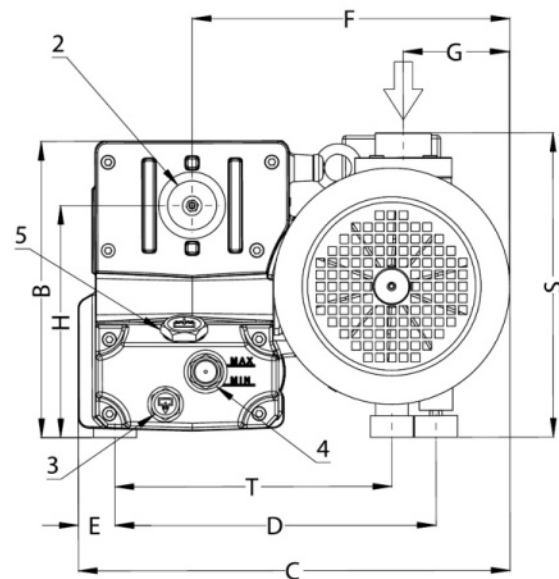
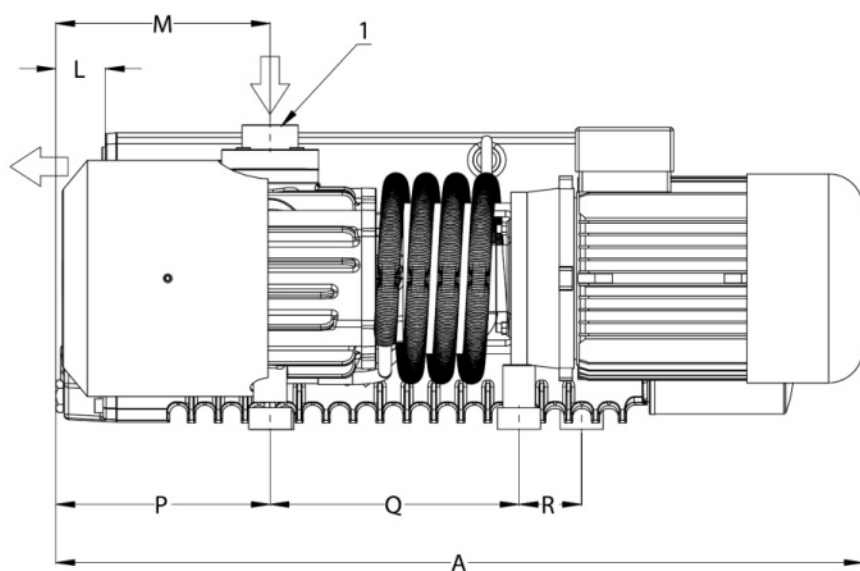
	Dimensioni (mm) Dimension (mm)													
GP-GPM	A	B	C	D	E	F	G	H	L	M	P	Q	R	S
45E	532	264	310	187	33	45	212	219	155	155	177	75	246	62
65E	570	264	310	187	33	45	212	219	155	155	177	115	246	62

ساخت ایتالیا یکسال گارانتی

Pump type GP-GPM 45E-65E



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن با روغن kg	حجم روغن l	قطر دهانه ورودی
GPM45E 50Hz	45	0,1	58	230/400	1,5	1450	41	2,5	1"GAS
GPM65E 50 Hz	65	0,1	58	230/400	1,5	1450	47	2,5	1"GAS



- 1 Aspirazione
- 2 Scarico
- 3 Tappo scarico olio
- 4 Spia livello olio
- 5 Tappo carico olio

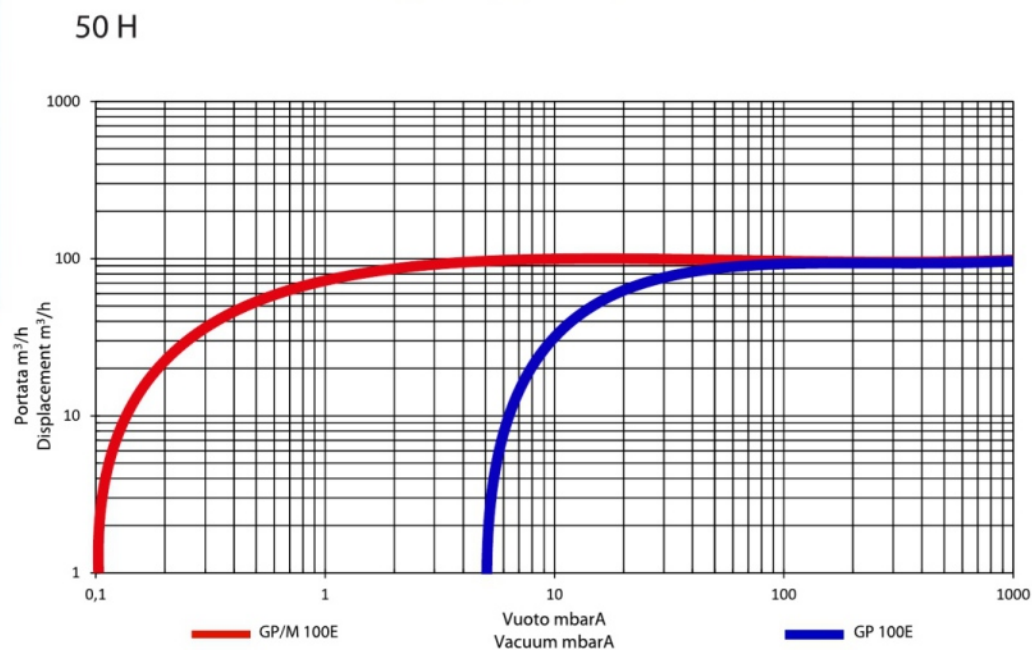
- 1 Suction
- 2 Discharge
- 3 Oil discharge plug
- 4 Oil sight glass
- 5 Oil fill up plug

	Dimensioni (mm) Dimension (mm)														
	A	B	C	D	E	F	G	H	L	M	P	Q	R	S	T
GP-GP/M 100E	749	275	400	298	34	295	98	215	46	199	199	231	58	283	257

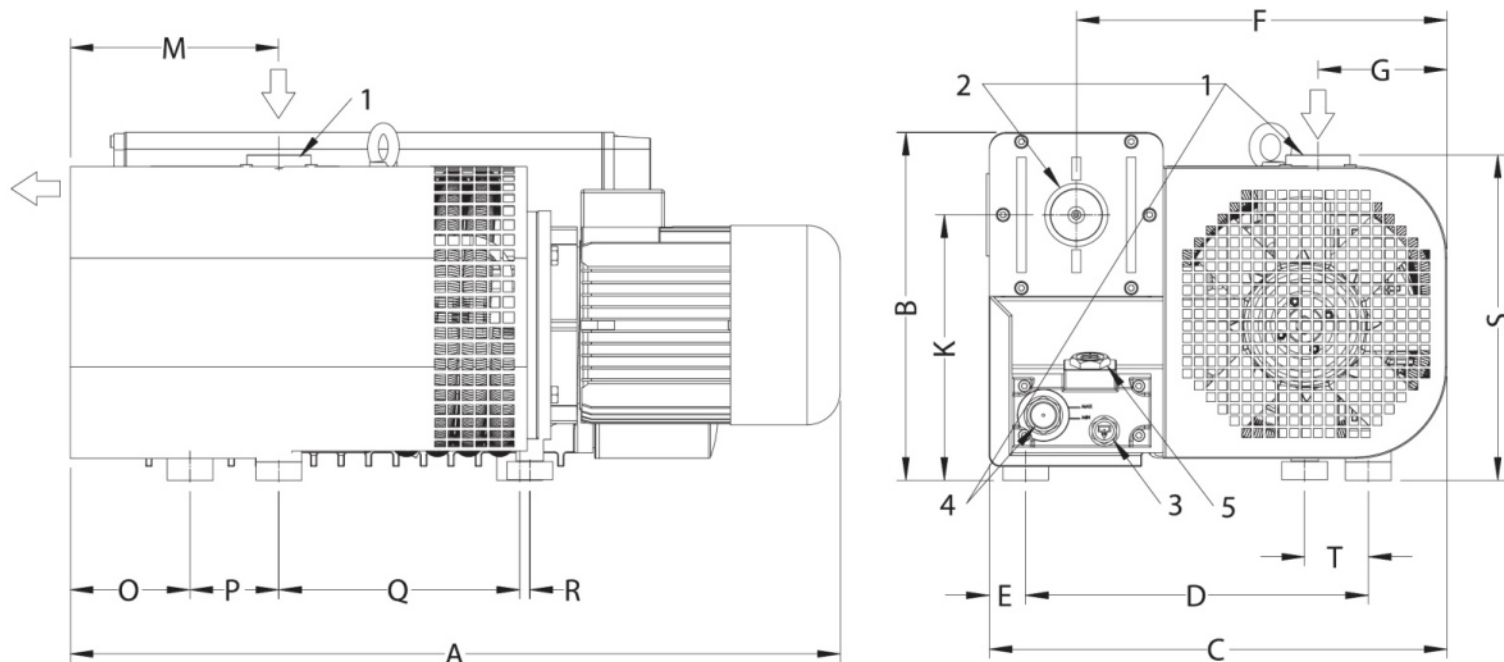
Pump type GP-GP/M 100E



ساخت ایتالیا یکسال گارانتی



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن با روغن kg	حجم روغن l	قطر دهانه ورودی
GP/M 100E 50Hz	100	0,1	66	230/400	2,2	1450	80	3,5/5	1¼" GAS



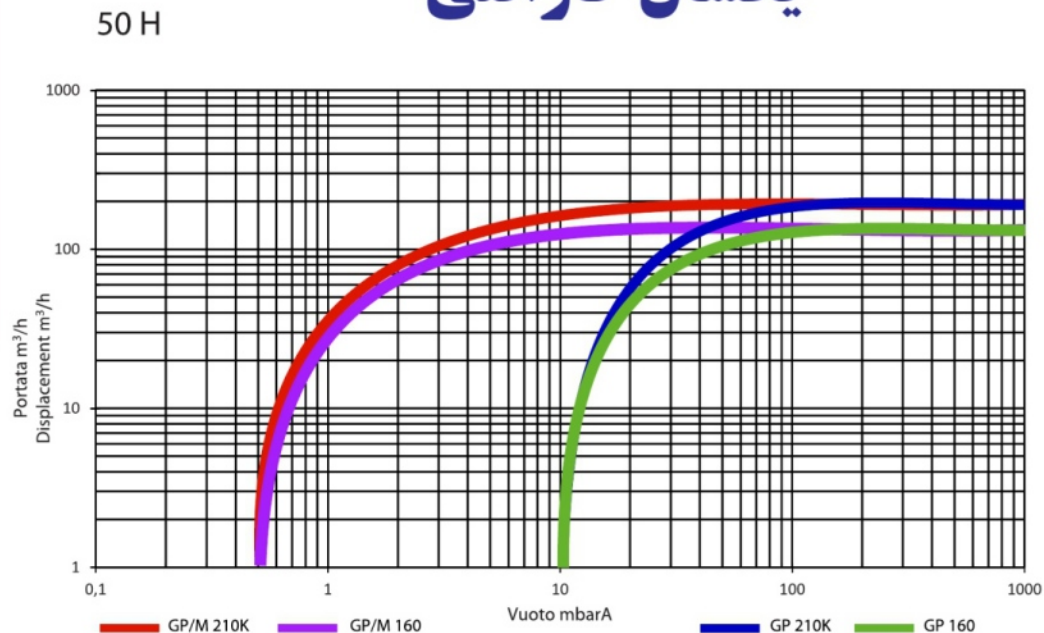
- 1 Aspirazione
- 2 Scarico
- 3 Tappo scarico olio
- 4 Spia livello olio
- 5 Tappo carico olio

- 1 Suction
- 2 Discharge
- 3 Oil discharge plug
- 4 Oil sight glass
- 5 Oil fill up plug

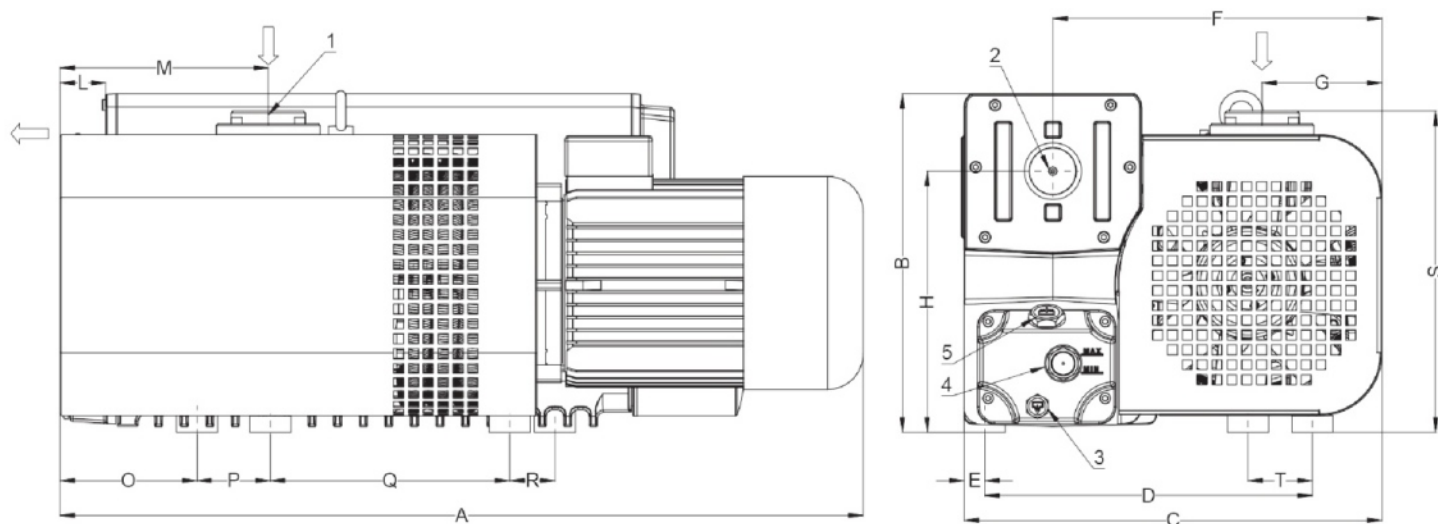
	Dimensioni (mm) Dimension (mm)														
GP-GP/M	A	B	C	D	E	F	G	K	M	O	P	Q	R	S	T
160	815	380	502	375	38	406	143	290	215	118	97	261	0	355	69
210K	841	380	502	375	38	406	143	290	215	118	97	261	11	355	69

ساخت ایتالیا یکسال گارانتی

Pump type GP-GP/M 160-210K



مدل پمپ	سرعت تخلیه m ³ /h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن با روغن kg	حجم روغن l	قطر دهانه ورودی
GP/M160 50Hz	160	0,1	67	230/400	4	1450	138	3/4	2" GAS
GP/M210K 50Hz	200	0,1	69	230/400	4	1450	160	4/7	2" GAS



- 1 Aspirazione
2 Scarico
3 Tappo scarico olio
4 Spia livello olio
5 Tappo carico olio

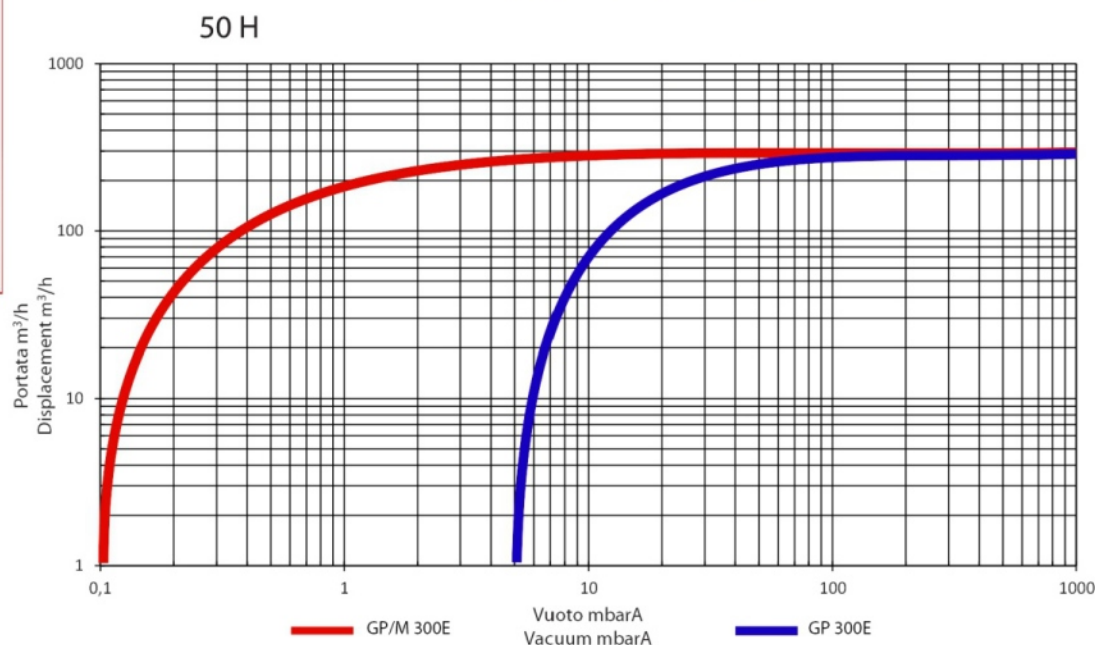
- 1 Suction
2 Discharge
3 Oil discharge plug
4 Oil sight glass
5 Oil fill up plug

GP-GP/M	Dimensioni (mm) Dimension (mm)															
	A	B	C	D	E	F	G	H	L	M	O	P	Q	R	S	T
300E	974	410	507	397	25	399	146	316	56	253	166	89	290	55	389	78

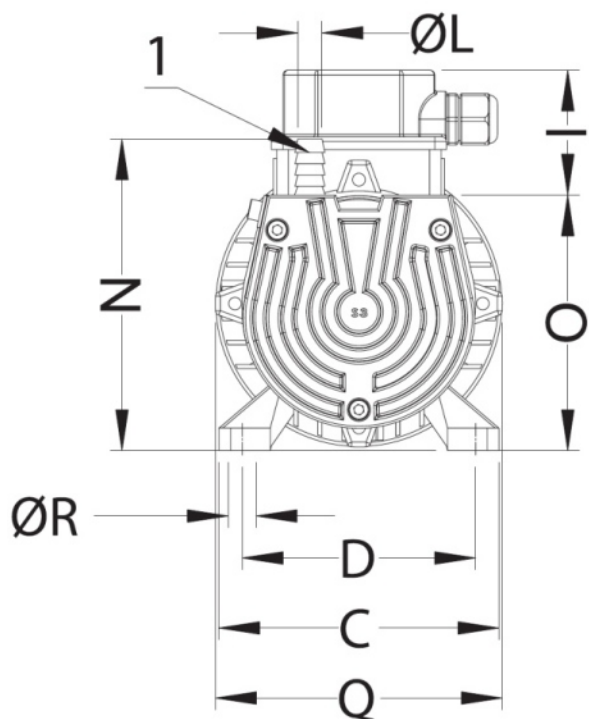
Pompa tipo GP-GP/M 300E
Pump type GP-GP/M 300E



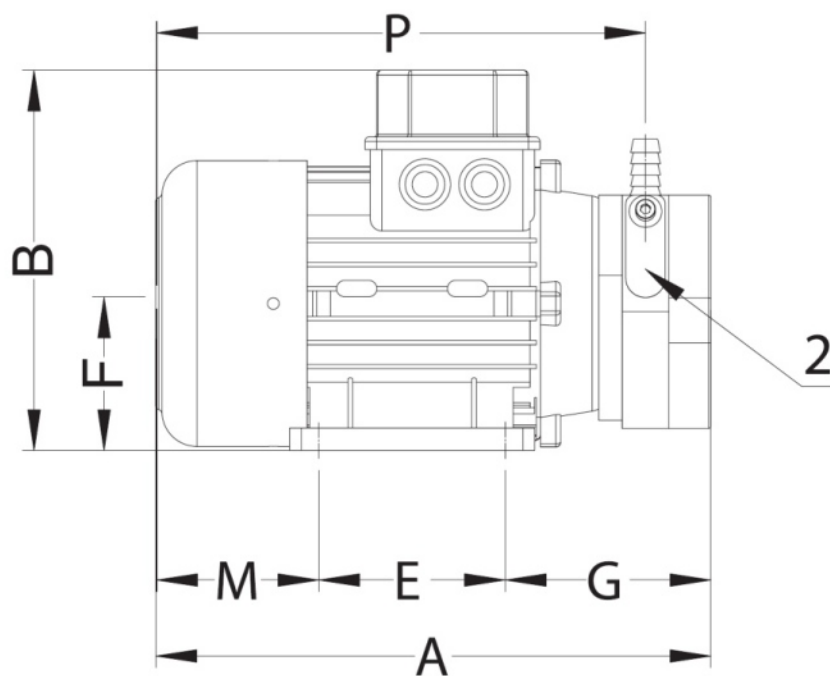
ساخت ایتالیا یکسال گارانتی



مدل پمپ	سرعت تخلیه m ³ /h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن با روغن kg	حجم روغن l	قطر دهانه ورودی
GP/M300E 50H	300	0,1	70	230/400	7.5	1450	200	6.5	2" GAS



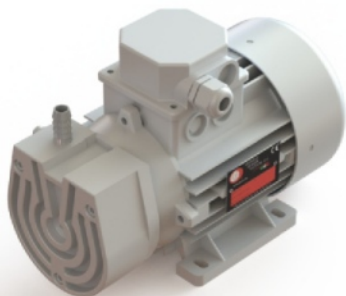
1 Aspirazione
2 Mandata



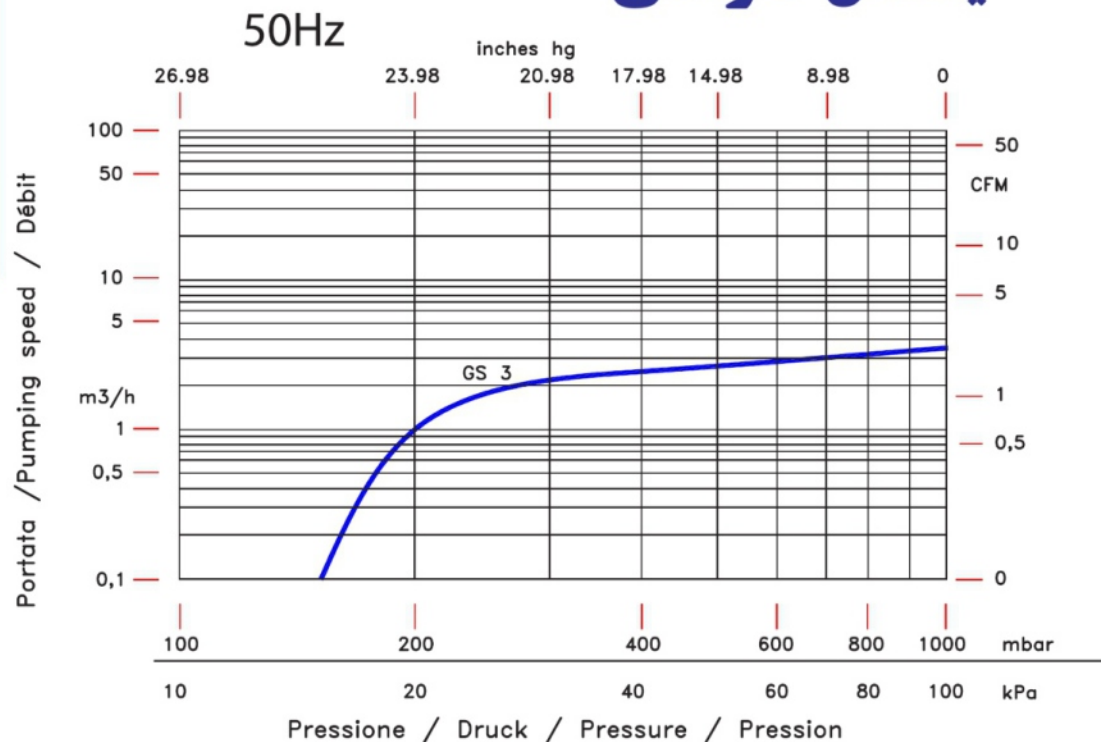
1 Suction
2 Discharge

GS	Dimensioni (mm) Dimension (mm)														
	A	B	C	D	E	F	G	I	L	M	N	O	P	Q	R
3	238	163	120	100	80	66	88	53	¼" GAS	69	133	109	210	123	7

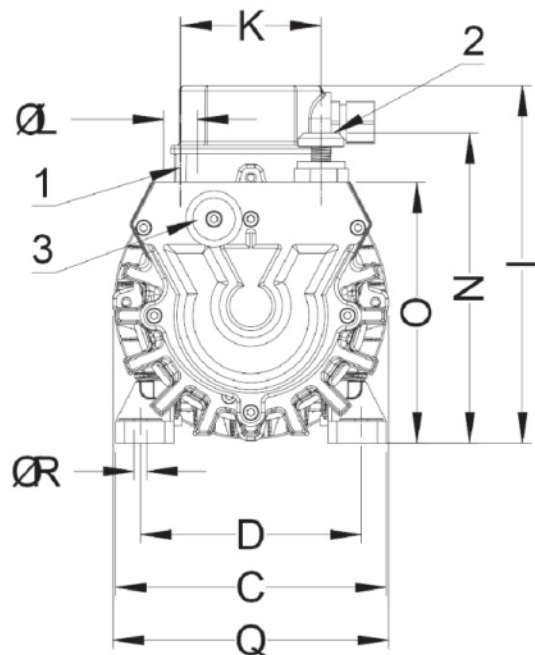
Pump type GS 3



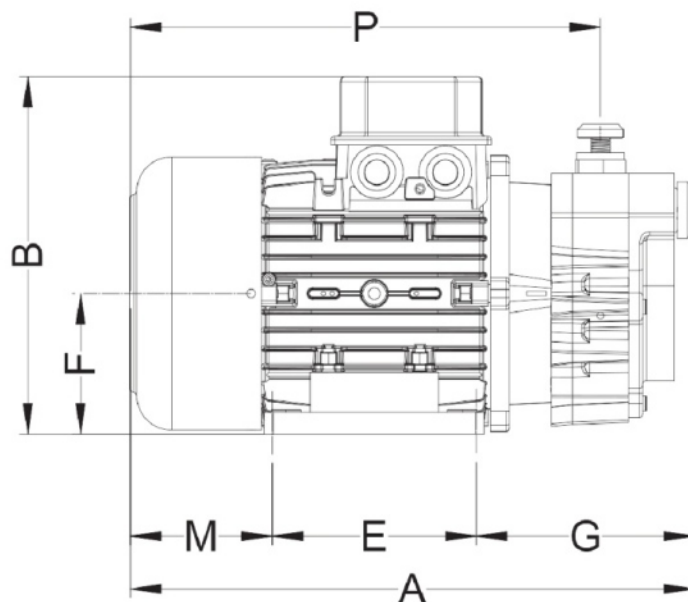
ساخت ایتالیا یکسال گارانتی



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن kg	قطر دهانه ورودی
GS 3 50Hz	3,5	150	60	230/400	0,25	2810	7	¼" GAS



- 1 Aspirazione
2 Mandata
3 Filtro aspirazione



- 1 Suction
2 Discharge
3 Inlet filter

Dimensioni (mm)
Dimension (mm)

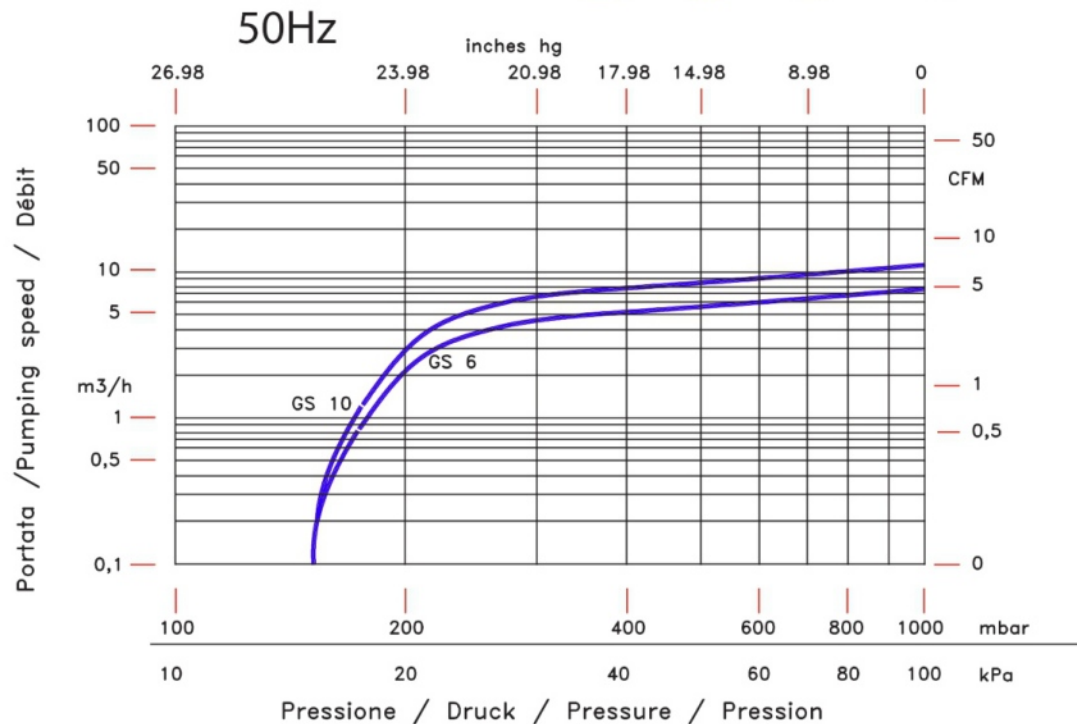
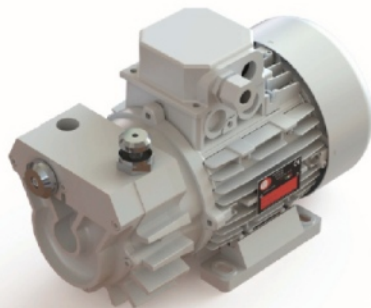
GS	A	B	C	D	E	F	G	I	K	L	M	N	O	P	Q	R
6	321	203	154	125	116	80	124	55	80	½" GAS	81	176	148	267	157	9,5
10	332	203	154	125	116	80	137	55	80	½" GAS	81	176	148	273	157	9,5

Disponibile anche nella versione compressore
Pump is available also as compressor version

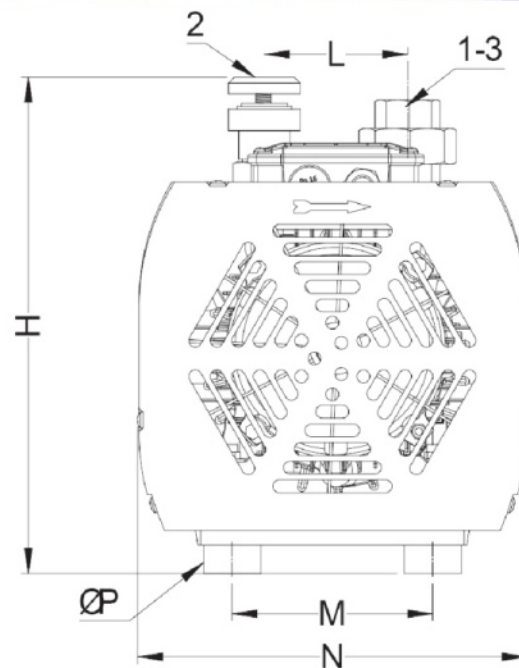
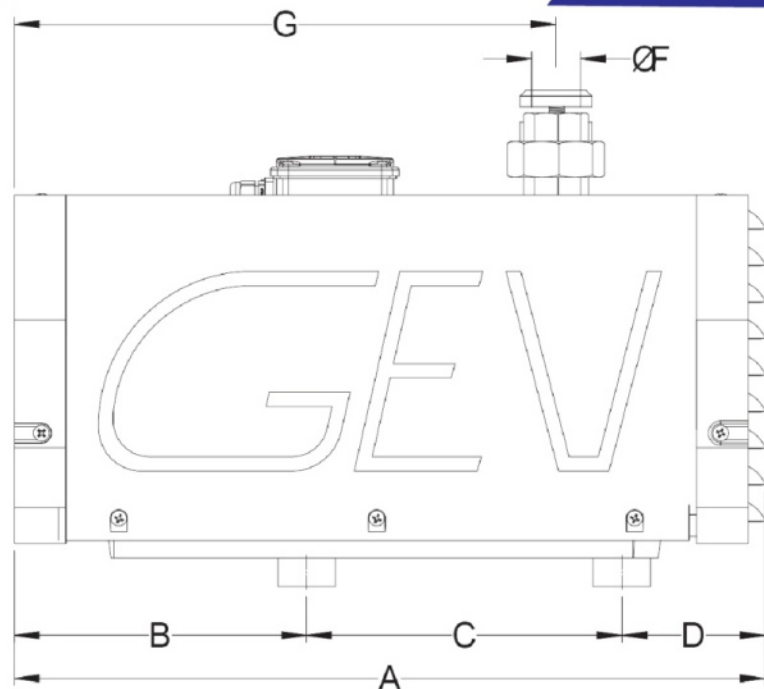
پمپ وکیوم خشک گیو GS6-10

ساخت ایتالیا یکسال گارانتی

Pompa tipo GS 6 - 10
Pump type GS 6 - 10



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن kg	قطر دهانه ورودی
GS 6 50Hz	7.4	150	60	230/400	0.55	1450	15	½" GAS
GS 10 50Hz	11	150	62	230/400	0.55	1450	17	½" GAS



1 Aspirazione
2 Mandata
3 Filtro aspirazione

1 Suction
2 Discharge
3 Inlet filter

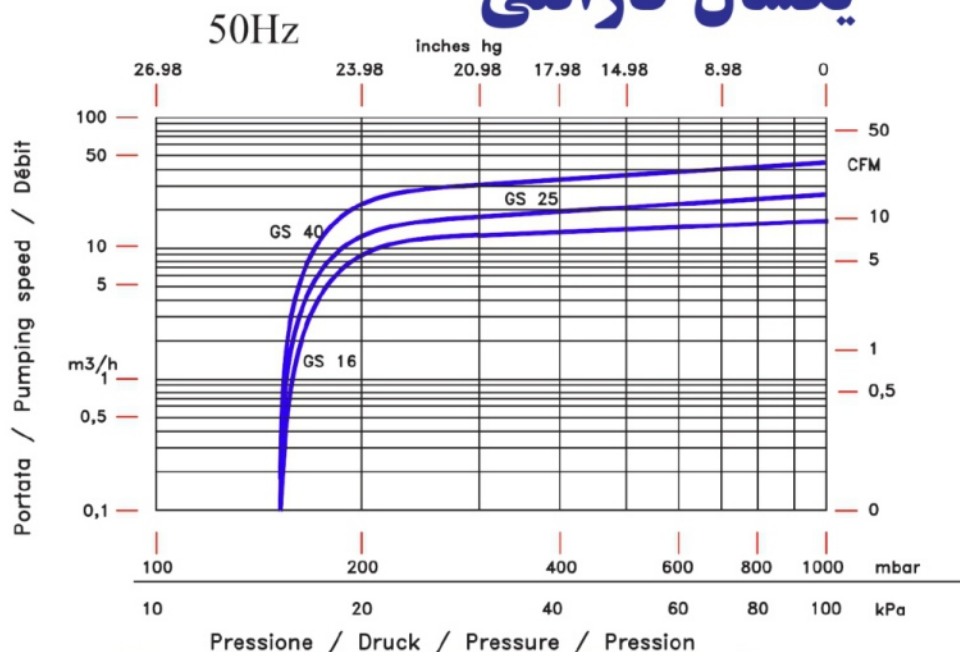
	Dimensioni (mm) Dimension (mm)										
GS	A	B	C	D	F	G	H	L	M	N	P
16	524	211	220	93	¾" G	385	335	100	140	270	M8
25	524	211	220	93	¾" G	385	335	100	140	270	M8
40	524	211	220	93	¾" G	385	315	100	140	270	M8

Disponibile anche nella versione compressore
Pump is available also as compressor version

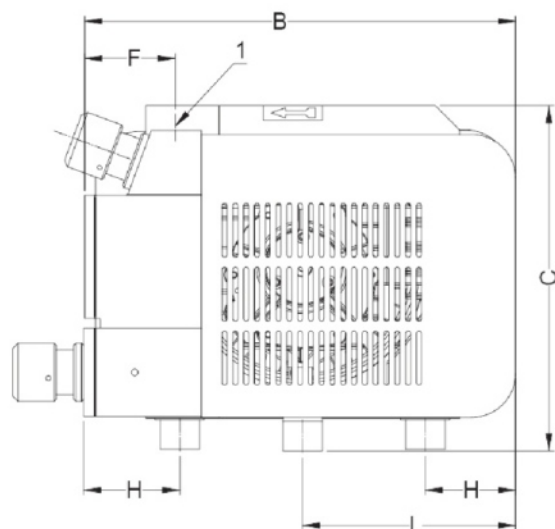
Pompa tipo GS 16 - 25 - 40
Pump type GS 16 - 25 - 40



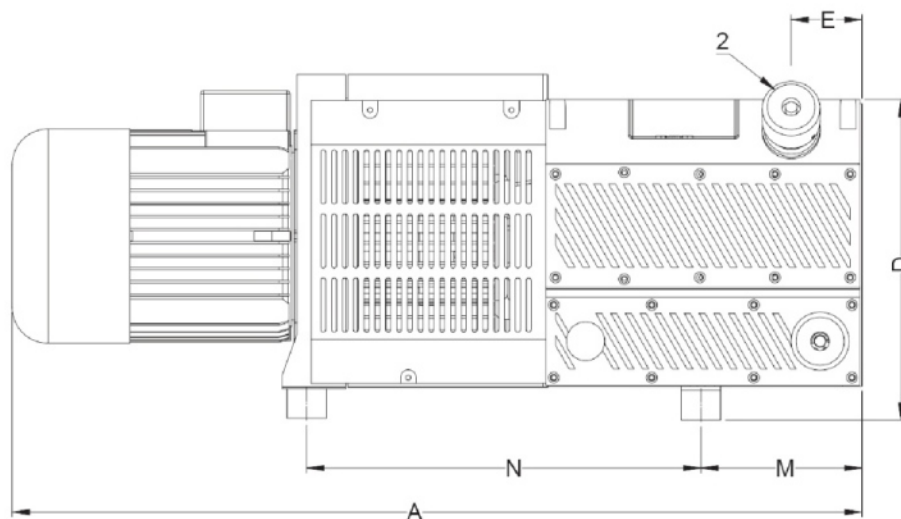
ساخت ایتالیا یکسال گارانتی



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن kg	قطر دهانه ورودی
GS 16 50Hz	17.1	150	63	230/400	1.1	1450	30	3/4" GAS
GS 25 50Hz	26.1	150	65	230/400	1.1	1450	35	3/4" GAS
GS 40 50Hz	45	150	70	230/400	1.5	1450	50	3/4" GAS



1 Aspirazione
2 Valvola regolazione vuoto



1 Suction
2 Vacuum regulation valve

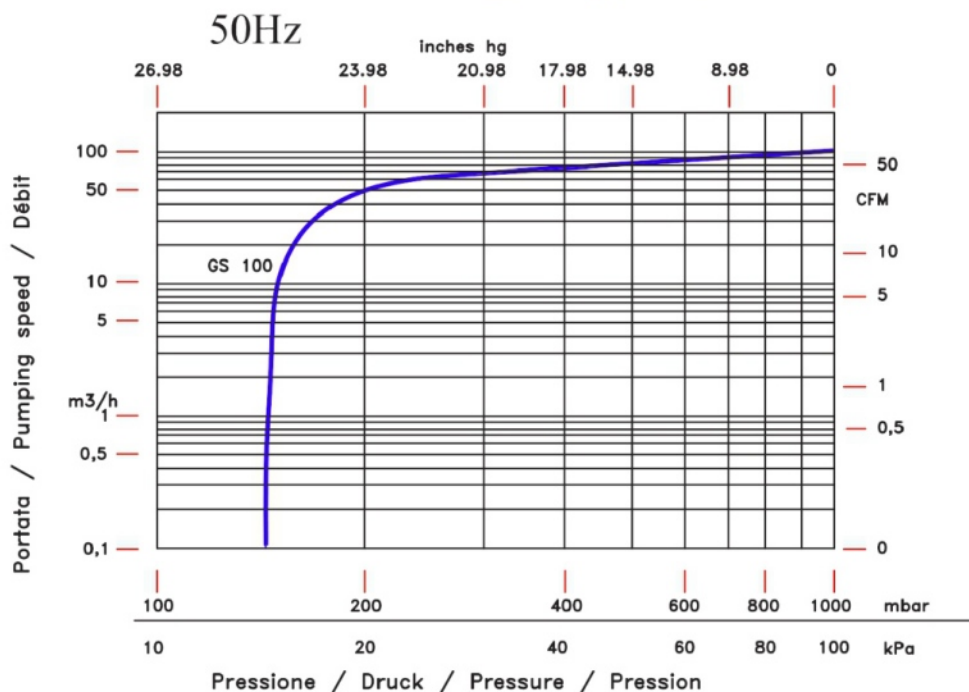
	Dimensioni (mm) Dimension (mm)									
GS	A	B	C	D	E	F	H	L	M	N
100	865	439	351	326	72	92	98	217	164	401

Disponibile anche nella versione compressore
Pump is available also as compressor version

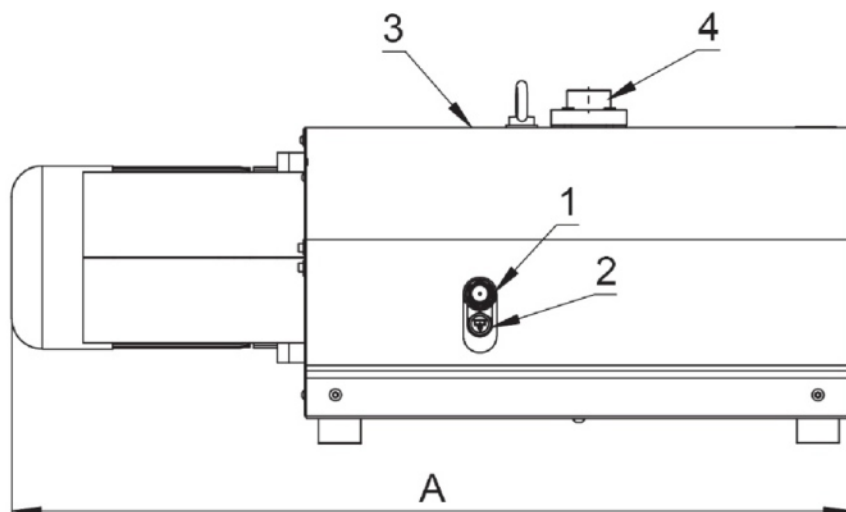
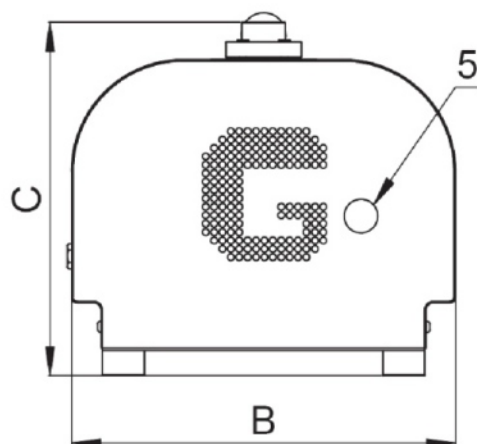
Pompa tipo GS 100
Pump type GS 100



ساخت ایتالیا یکسال گارانتی



مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن kg	قطر دهانه ورودی
GS 100 50Hz	100	150	75	230/400	4	1450	97	1½" GAS



- 1 Spia livello olio
- 2 Tappo scarico olio
- 3 Tappo carico olio
- 4 Aspirazione
- 5 Scarico

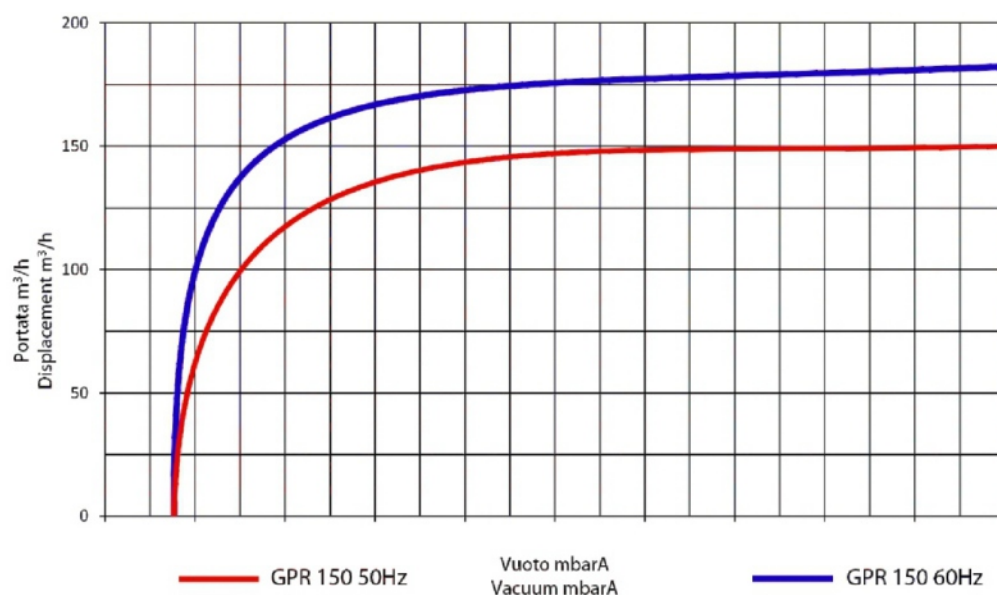
- 1 Oil sight glass
- 2 Oil discharge plug
- 3 Oil fill up plug
- 4 Suction
- 5 Discharge

	Dimensioni (mm) Dimension (mm)		
GPR	A	B	C
150	1000	460	420

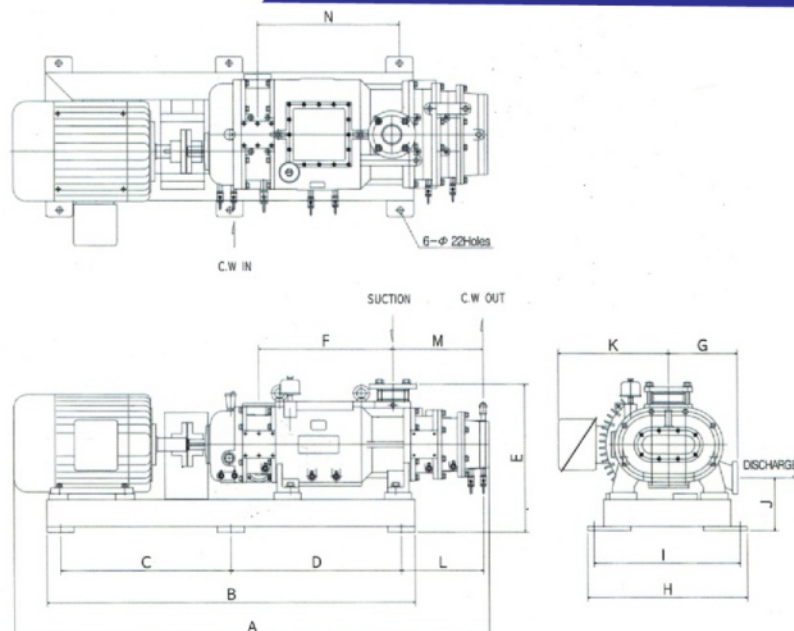
Pompa tipo GPR 150
Pump type GPR 150



ساخت ایتالیا یکسال گارانتی



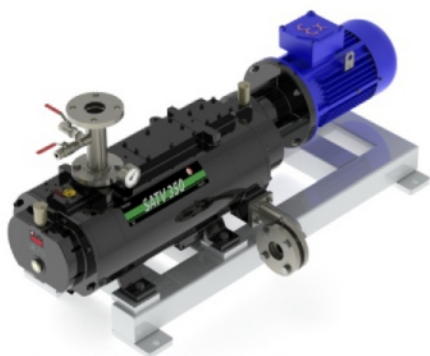
مدل پمپ	سرعت تخلیه m³/h	خلأ نهایی mbar	میزان صدا db (A)	ولتاژ برق V	توان موتور kW	دور موتور R.P.M.	وزن kg	قطر دهانه ورودی
GPR 150 50Hz	150	70	76	230/400	4	2850	97	1¼" GAS



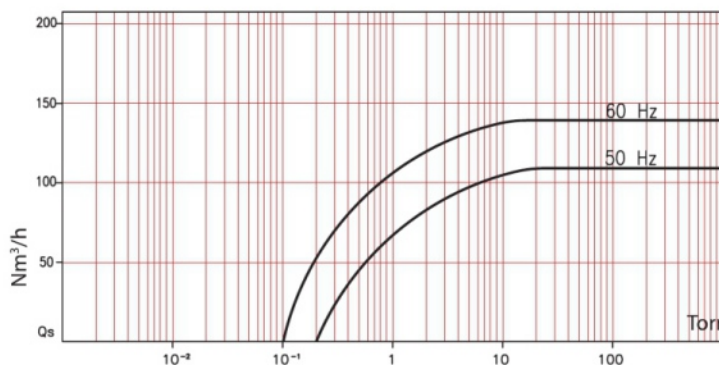
			Tipo di pompa/Frequenza Pump type/Frequency							
			Sat. 150 50Hz	Sat. 150 60Hz	Sat. 350 50Hz	Sat. 350 60Hz	Sat. 450 50Hz	Sat. 450 60Hz	Sat. 800 50Hz	Sat. 800 60Hz
Portata nominale	Displacement	Nm ³ /h	135	165	280	345	390	480	720	840
Vuoto finale	Ultimate vacuum	Torr	0,2	0,1	0,2	0,05	0,03	0,02	0,03	0,01
Potenza motore	Motor power	kW	5,5	7,5	11	15	15	18,5	22	30
Velocità di rotazione	R.P.M.	g/1'	2900	3550	2900	3550	2900	3550	2900	3550
Attacco aspirazione	Inlet connection	ANSI	40	40	50	50	65	65	100	100
Attacco scarico	Outlet connection	ANSI	40	40	40	40	50	50	65	65
Acqua di raffreddamento	Cooling water	l/1'	12	12	14	14	16	16	20	20
Peso	Weight	Kg	210	210	310	310	400	400	600	600

Modello Model	Dimensioni (mm) Dimension (mm)														
SATURNO	A	B	C	D	E	F	G	H	I	J	K	L	M	N	SUC. DIS.
150	1385	1030	485	485	476	378	197	495	435	200	261	261	295	495	40 40
350	1653	1320	630	630	512	449	220	570	510	200	318	290	335	591	50 40
450	1749	1360	650	650	535	496	253	586	536	200	324	283	335	663	65 50
800	1982	1500	700	700	635	500	301	760	680	230	369	365	428	677	100 65

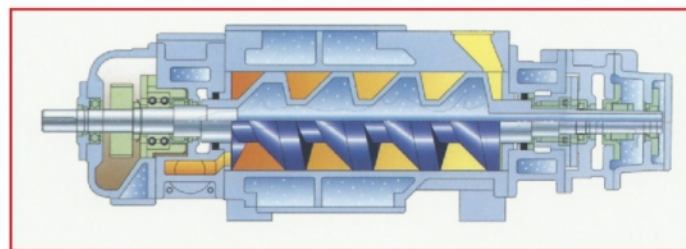
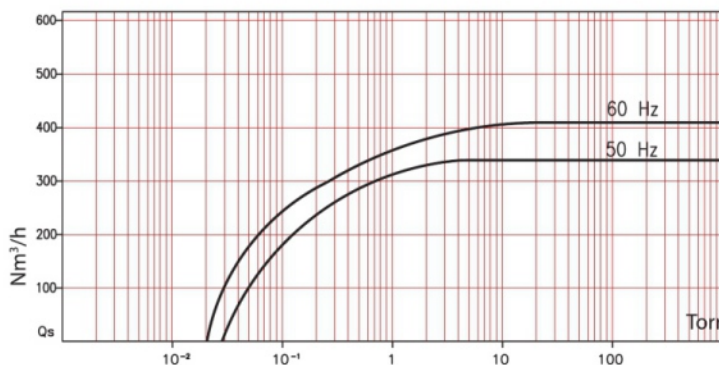
Oilless screw pump Saturno



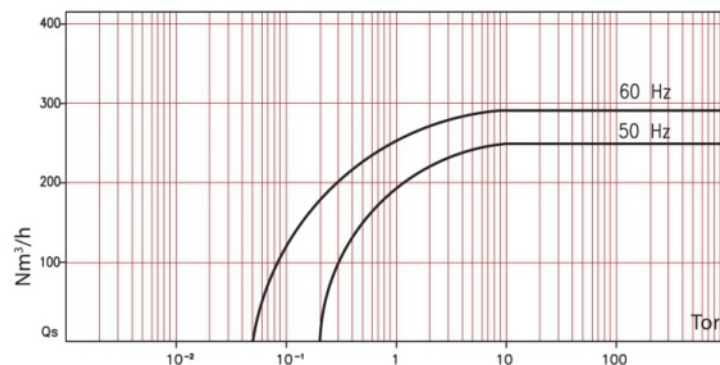
Saturno 150



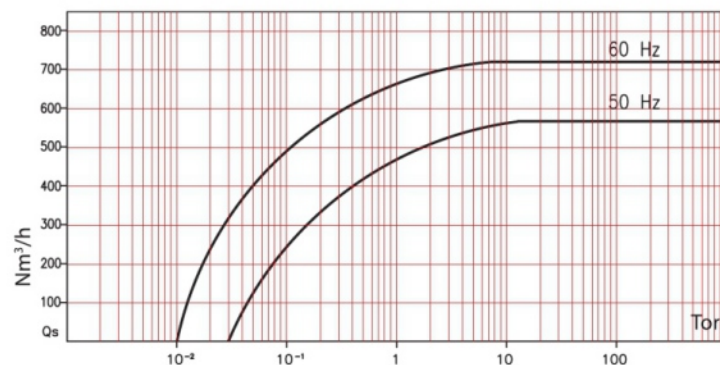
Saturno 450

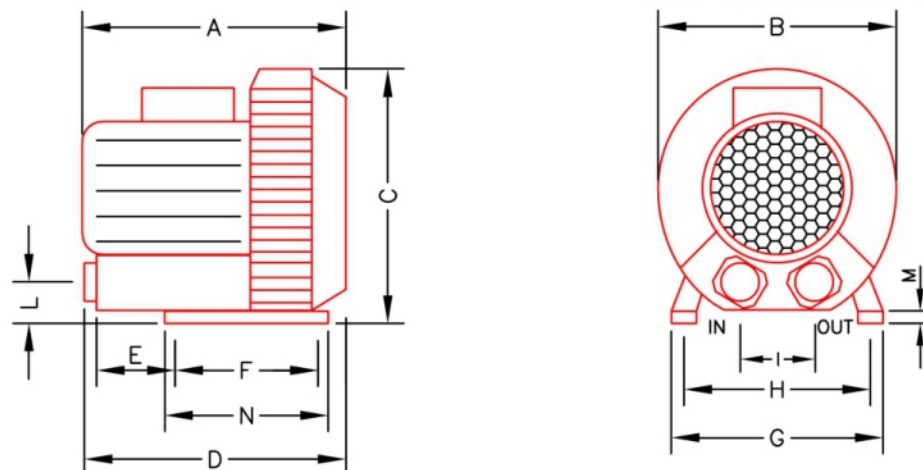


Saturno 350



Saturno 800





Soffiante trifase tipo GSL/Blowers three-phase type GSL

			Tipo di soffiante/Frequenza Blowers type/Frequency							
			GSL 70 50Hz	GSL 70 60Hz	GSL 100 50Hz	GSL 100 60Hz	GSL 200 50Hz	GSL 200 60Hz	GSL 250 50 Hz	GSL 250 60 Hz
Portata nominale	Displacement	m ³ /h	80	100	145	180	210	250	210	250
Massima pressione	Max pressure	mbar	+95	+130	+180	+180	+220	+200	+270	+250
Rumorosità media	Noise level	db (A)	69	68	69	72	72	73	72	73
Tensione standard	Standard voltage	V	230/400	240/440	230/400	240/440	230/400	240/440	230/400	240/440
Potenza motore	Motor power	kW	0,38	0,42	0,9	1,15	1,5	1,75	2,2	2,55
Peso	Weight	kg	13	13	16	16	23,5	23,5	26	26
Attacco aspirazione	Inlet connection		1¼"GAS	1¼"GAS	1½"GAS	1½"GAS	2"GAS	2"GAS	2"GAS	2"GAS
			1¼"GAS	1¼"GAS	1½"GAS	1½"GAS	2"GAS	2"GAS	2"GAS	2"GAS

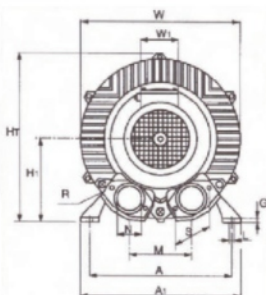
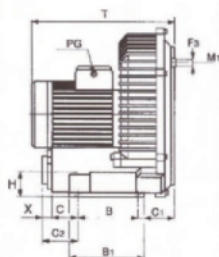
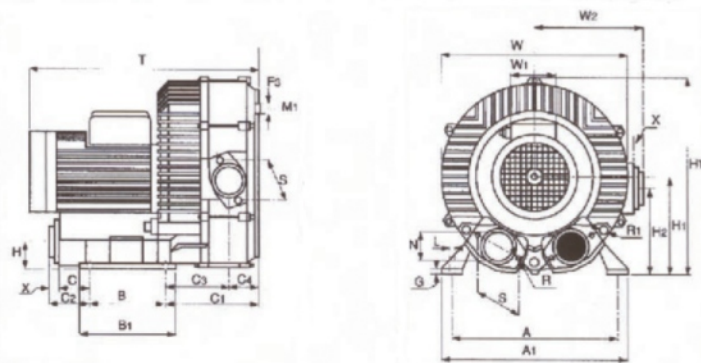
Dimensioni (mm) Dimensions (mm)	A	256	256	261	261	317	317	317	317
	B	250	250	286	286	333	333	333	333
	C	257	257	303	303	345	345	345	345
	D	279	279	238	238	389	389	389	389
	E	117	117	68	68	143	143	143	143
	F	83	83	95	95	115	115	115	115
	G	230	230	255	255	296	296	296	296
	H	205	205	225	225	260	260	260	260
	I	100	100	115	115	120	120	120	120
	L	38	38	46	46	48	48	48	48
	M	12	12	3	3	4	4	4	4
	N	110	110	130	130	155	155	155	155

Blowers type GKL-GSL



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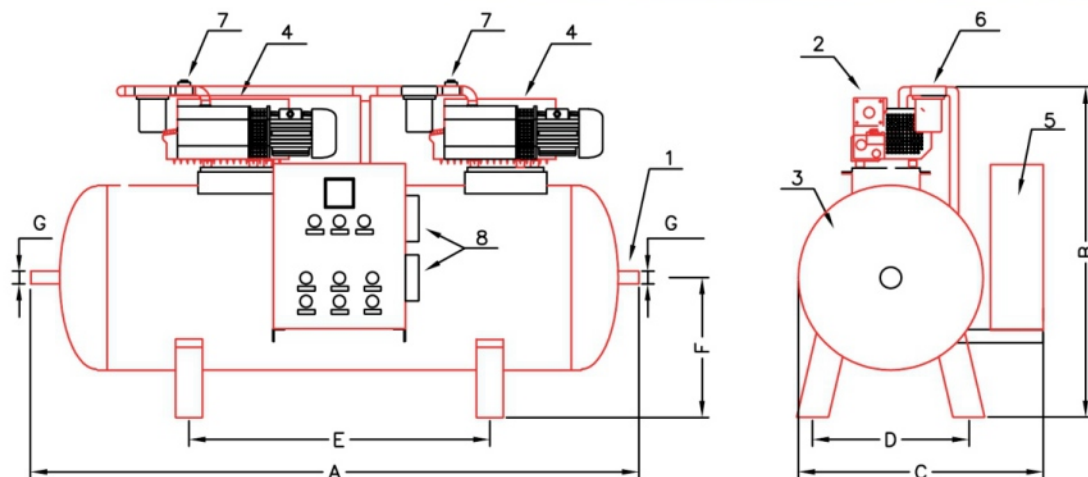
GKL doppio stadio tipo DV in serie/GKL 2 stage serie DV type

GKL monostadio/GKL1 stage

		Tipo Type					
		GKL 30	GKL 70	GKL 100	GKL 130	GKL 250	GKL 400
Dimensioni (mm) Dimensions (mm)	A	205	205	225	260	290	365
	B	83	83	95	115	140	280
	A1	230	230	255	295	325	420
	B1	113	113	130	155	180	316
	W	196	238	287	327	375	490
	T	177	221	232	282	330	480
	HT	204	255	306	348	384	510
	H1	104	136	153	174	196	265
	L	9.5	9.5	12.0	12.0	15.0	15.0
	M	87	87	130	119	125	145
	N	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"
	C1	35	64	76	81	100	25
	C2	58	58	92	98	79	181
	R	SMA	6MA	8MA	8MA	8MA	12MA

		Tipo Type					
		GKLDV 70	GKLDV 100	GKLDV 130	GKLDV 250	GKLDV 400	GKLDV 800
Dimensioni (mm) Dimensions (mm)	A	205	225	260	290	365	365
	A1	230	255	295	325	420	420
	B	83	95	115	140	280	280
	B1	113	130	155	180	316	316
	C	42	74	80	60	118	118
	C1	124	148	163	194	235	235
	C2	58	92	98	79	213	213
	C3	88	104	108	131	63	63
	C4	36	44	55	63	96	96
	F3	6MA	6MA	8MA	8MA	12MA	12MA
	G	10	14	13	13	15	15
	H	39	49	48	52	81	81
	H1	136	153	174	196	265	265
	HT	255	306	348	384	510	510
	H2	-	151	146	166	177	177
	L	10	12	14	15	15	15
	M1	140	188	200	261	408	408
	N	1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"	2 1/2"
	R	8MA	10MA	10MA	10MA	12MA	12MA
	R1	6MA	8MA	8MA	8MA	8MA	8MA

- 1 ASPIRAZIONE / suction
- 2 MANDATA / delivery
- 3 SERBATOIO / tank
- 4 POMPA / vacuum pump
- 5 QUADRO ELETTRICO
electric panel board
- 6 FILTRO / filter
- 7 VALVOLA / valve
- 8 VACUOSTATO
vacuum switch



			Tipo di gruppo Package type								
			GP 11+11	GP 15+15	GP 25+25	GP 45+45	GP 65+65	GP 100+100	GP 160+160	GP 210+210	GP 308+308
Portata nominale	Displacement	m³/h	11x2	15x2	25x2	45x2	65x2	100x2	160x2	200x2	300x2
Capacità serbatoio	Tank capacity	lt	200	300	500	500	500	1000	1000	1000	1000
Potenza motore	Motor power	kW	0,55+ 0,55	0,55+ 0,55	0,75+ 0,75	1,1+ 1,1	1,5+ 1,5	2,2+ 2,2	4+4	4+4	7,5+ 7,5
Vuoto finale	Ultimate vacuum	mbar	10	10	10	10	10	10	10	10	10
Rumorosità media	Noise level	db (A)	59	59	62	63	64	70	67	69	70
Peso	Weight	kg	160	160	160	240	260	350	456	500	600

Dimensioni (mm) Dimensions (mm)	A	1380	1650	1890	1890	1890	2180	2180	2180	2180
	B	850	870	950	1000	1000	1050	1200	1200	1200
	C	690	750	850	850	850	1050	1050	1050	1050
	D	290	330	380	380	380	560	560	560	560
	E	815	980	1020	1020	1020	1300	1300	1300	1300
	F	290	290	380	325	370	510	510	510	510
	G	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS

Caratteristiche tecniche e quote soggette a variazione senza preavviso.
Features and dimensions are changeable without notice.

GP on tank

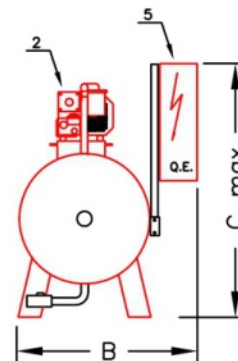
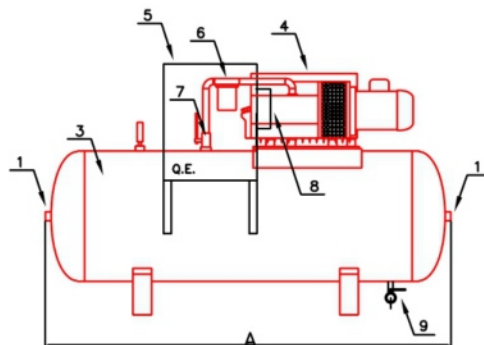


GP+GP on tank

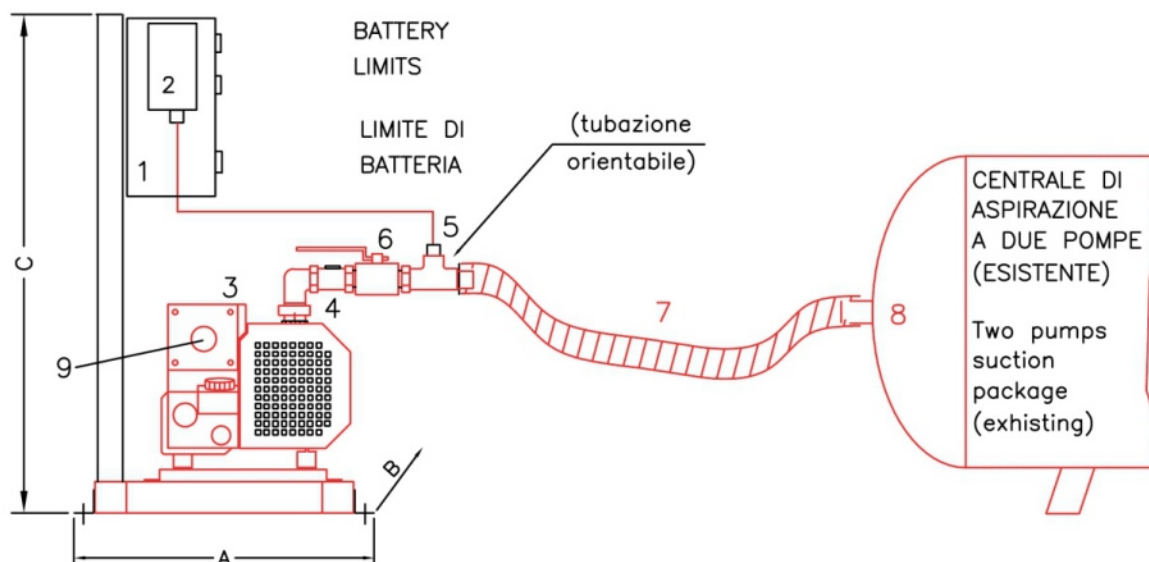


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- 1 ASPIRAZIONE / suction
- 2 MANDATA / delivery
- 3 SERBATOIO / tank
- 4 POMPA / vacuum pump
- 5 QUADRO ELETTRICO
electric panel board
- 6 FILTRO / filter
- 7 VALVOLA / valve
- 8 VACUOSTATO
vacuum switch
- 9 DRENAGGIO/ drain



Modello Model	Portata Displacement	Tipo pompa Pump type	Serbatoio Tank	Aspirazione Suction	Mandata Delivery	Peso Weight	Dimensioni (mm) Dimension (mm)		
GP	m ³ /h	GP/K	lt	Ø"	Ø"	kg	A	B	C
11-50	11	11	50	½	1	80	850	550	1050
21-100	21	21	100	1	1	90	1100	600	1100
45-100	45	45	100	1	1¼	110	1100	600	1100
45-300	45	45	300	1½	1¼	150	1600	750	1150
65-300	65	65	300	1½	1¼	160	1600	750	1150
100-300	100	100	300	1½	2	220	1600	750	1150
100-500	100	100	500	2	2	270	1900	850	1250
100-1000	100	100	1000	2	2	340	2200	1025	1350
160-500	160	160	500	2	2	318	1900	850	1250
210-500	200	210	500	2	2	340	1900	850	1250
308-1000	300	308	1000	2	2	450	2200	1025	1350



LEGENDA

- 1 PANNELLO ELETTRICO
- 2 VACUOSTATO
- 3 POMPA VUOTO
- 4 VALVOLA DI NON RITORNO
- 5 PRESA VUOTO PER POS. 2)
- 6 VALVOLA INTERCETTAZIONE
- 7 TUBO FLESSIBILE (LUNGHEZZA STANDARD 2 m)
- 8 MANICOTTO DI RISERVA SUL SERBATOIO POLMONE
- 9 SCARICO POMPA

LEGEND

- 1 ELECTRIC BOARD
- 2 VACUUM-SWITCH
- 3 VACUUM PUMP
- 4 NON RETURN VALVE
- 5 VACUUM-SWITCH FITTING
- 6 INTERCEPTING VALVE
- 7 FLEXIBLE HOSE (STANDARD LENGHT 2 m)
- 8 ADDITIONAL HANDLE ON TANK
- 9 PUMP DISCHARGE

		Pompa tipo/Pump model						
		KGP 11	KGP 15/25	KGP 45	KGP 65	KGP 100	KGP 210	KGP 308
Dimensioni (mm) Dimensions (mm)	A	450	450	450	450	570	750	750
	B	670	670	670	670	830	1100	1100
	C	700	700	700	700	700	800	800
Potenza motore Motor power	kW	0,55	0,55/0,75	1,1	1,5	2,2	4	7,5
Peso gruppo Weight	Kg	50	50	70	75	170	200	240

ساخت ایتالیا

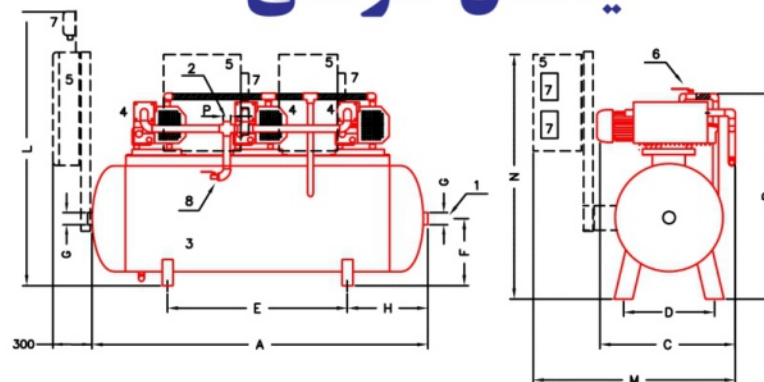
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GPk x 3 on tank



- 1 Aspirazione
- 2 Scarico
- 3 Serbatoio
- 4 Pompa
- 5 Quadro elettrico
- 6 Valvola
- 7 Vacuostato
- 8 Drenaggio

- 1 Suction
- 2 Discharge
- 3 Tank
- 4 Pump
- 5 Electrical panel
- 6 Valve
- 7 Vacuum switch
- 8 Drain valve

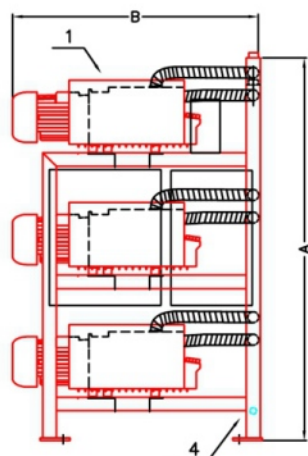


Kit 3^a pompa
Third pump kit



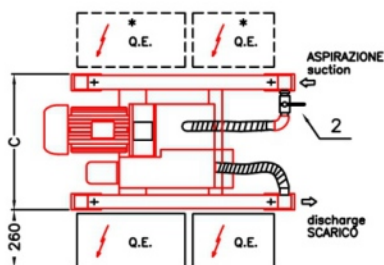
		Tipo di gruppo Type of package						
		GP15x3K	GP25x3K	GP45x3K	GP65x3K	GP100x3K	GP210x3K	GP308x3K
Dimensioni (mm) Dimensions (mm)	A	1600	1600	1900	1900	2200	2200	2200
	B	920	920	1200	1200	1450	1600	1600
	C	640	640	750	750	950	1050	1150
	D	450	450	470	470	695	695	695
	E	980	980	1020	1020	1300	1300	1300
	F	300	300	380	380	505	505	505
	G	1½"GAS	1½"GAS	1½"GAS	2"GAS	2"GAS	2"GAS	2"GAS
	H	310	310	425	425	400	400	400
	L	1300	1300	1450	14501550	1550	1550	1550
	M	900	900	1050	1050	1100	1200	1200
	N	1150	1150	1230	1230	1350	1350	1350
	P	1"GAS	1"GAS	1½"GAS	1½"GAS	2"GAS	2"GAS	2"GAS

			Tipo di gruppo Type of package						
			GP15x3K	GP25x3K	GP45x3K	GP65x3K	GP100x3K	GP210x3K	GP308x3K
Portata	Displacement	m³/h	45	75	135	195	200	600	900
Capacità serbatoio	Tank capacity	lt	300	300	500	500	1000	1000	1000
Potenza motore (cada uno)	Motor power (each)	kW	0,55	0,75	1,1	1,5	2,2	4	7,5
Vuoto finale	Ultimate vacuum	mbar	10	10	10	10	10	10	10
Rumorosità media	Noise level	dB	60	63	65	65	70	73	77
Peso	Weight	kg	160	190	300	340	550	750	870
Filtro battericida	Antibacteria filter	FFMVE	30	30	150	150	150	350	350



* SOLO PER GP 15-25

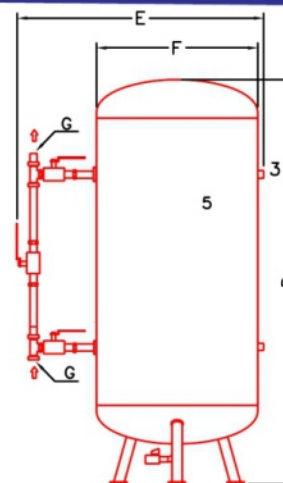
- 1 POMPA VUOTO+FILTRO INTERNO
2 VALVOLA DI ESCLUS. POMPA
3 TRASMETTITORE DI PRESSIONE



Q.E. = QUADRO ELETTRICO
Q.E. = ELECTRICAL BOARD

* ONLY GP 15-25

- 1 VACUUM PUMP + INLET FILTER
2 EXCLUSION VALVE
3 PRESSURE TRANSMITTER



- 4 DRAINAGE VALVE
5 VACUUM TANK WITH BY-PASS

			Modello/Model						
			GP 15x3	GP 25x3	GP 45x3	GP 65x3	GP 100x3	GP 210x3	GP 308x3
Portata nominale	Displacement	m ³ /h	45	75	135	195	300	600	900
Capacità serbatoio	Tank capacity	lt	300	300	500	500	1000	1000	1000
Potenza motore	Motor power	kW	0,55	0,75	1,1	1,5	2,2	4	7,5
Vuoto finale	Ultimate vacuum	mbar	10	10	10	10	10	10	10
Rumorosità media	Noise level	db (A)	60	63	65	65	70	73	77
Peso	Weight	kg	160	160	240	260	420	570	800
Attacco aspirazione	Inlet connection		1" GAS	1" GAS	1½" GAS	1½" GAS	1½" GAS	2" GAS	2" GAS
Attacco scarico	Outlet connection		1" GAS	1" GAS	1½" GAS	1½" GAS	1½" GAS	2" GAS	2" GAS
Filtro battericida	Antibacteria filter	FFMVE	30	30	150	150	150	350	350

Dimensioni (mm) Dimensions (mm)	A	1240	1300	1400	1450	1750	1900	2000
	B	650	800	850	900	1000	1250	1400
	C	440	440	490	490	620	760	760
	D	1605	1695	2095	2095	2480	2480	2480
	E	850	850	1000	1000	1210	1210	1210
	F	500	500	600	600	800	800	800
	G	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS	1½" GAS

GPx3 93/42 EEC

GPx3 93/42 EEC



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		Modello/Model			
		GSE 30	GSE 70	GSE 100	GSE 130
Dimensioni (mm) Dimensions (mm)	A	1" G	1¼" G	1½" G	1½" G
	B	1" G	1¼" G	1½" G	1½" G
	C	700	800	900	960
	D	500	550	650	700
	E	35	35	50	50
	F	130	140	150	110
	G	240	260	300	400
	H	600	600	600	700
	L	650	650	650	750
Peso/Weight	kg	60	80	100	110

Serie GNP/GNP model

			Tipo di pompa Pump type							
			30.20	31.20	32.20	33.20	34.20	35.20	36.20	37.20
Portata nominale	Displacement	m ³ /h	280	500	1000	2000	3000	4000	8000	10000
Velocità di rotazione	R.P.M.	g/1'	3000	3000	3000	3000	2200	1800	1500	1000
Massima pressione differenziale per funzionamento continuo	Maximum pressure difference with continuous operation	mbar	800	800	800	800	800	800	800	800
Potenza motore	Motor power	kW	7,5	18,5	30,0	55,0	75,0	132,0	250,0	300,0
Quantità d'olio	Oil quantity	lt	1,0	1,6	2,45	4,8	8,5	12,5	27,0	35,0
Peso (asse nudo)	Weight (free shaft)	Kg	90	125	210	330	448	675	1380	2442

Serie GV-GNVP/GVP-GNVP model

			Tipo di pompa Pump type							
			20.20	21.20	22.20	23.20	24.20	25.20	26.20	27.20
Portata nominale	Displacement	m ³ /h	280	500	1000	2000	3000	4000	8000	10000
Velocità di rotazione	R.P.M.	g/1'	3000	3000	3000	3000	2200	1800	1500	1000
Massima pressione differenziale per funzionamento continuo	Maximum pressure difference with continuous operation	mbar	400	400	400	300	300	300	300	300
Potenza motore	Motor power	kW	4,0	7,5	15,0	30,0	37,0	55,0	90,0	132,0
Consumo acqua di raffreddamento	Cooling water consumption	lt/h	60	80	100	120	120	140	160	180
Quantità d'olio	Oil quantity	lt	1,0	1,6	2,45	4,8	8,5	12,5	27,0	35,0
Peso (asse nudo)	Weight (free shaft)	Kg	90	125	215	335	455	682	1385	2450

Vacuum roots



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Serie GV/GV model

			Tipo di pompa Pump type							
			20.10	20.20	21.20	21.30	22.20	22.30	23.20	23.30
Portata nominale	Displacement	m ³ /h	200	280	500	740	1000	1430	2000	2880
Velocità di rotazione	R.P.M.	g/1'	2850	2850	2860	2860	2895	2895	2910	2910
Massima pressione differenziale per funzionamento continuo	Maximum pressure difference with continuous operation	mbar	130	80	80	80	80	66	50	40
Potenza motore	Motor power	kW	0,75	1,1	2,2	3,0	4,0	4,0	5,5	7,5
Consumo acqua di raffreddamento	Cooling water consumption	lt/h	60	60	80	80	100	100	120	120
Quantità d'olio	Oil quantity	lt	0,7/1,0	0,7/1,0	1,1/1,6	1,1/1,6	1,6/2,5	1,6/2,5	3,1/4,8	3,1/4,8
Peso con olio e motore	Weight with oil and motor	Kg	73	85	130	158	240	270	360	400

Serie GNV/GNV model

			Tipo di pompa Pump type						
			24.20	25.10	25.20	26.20	26.30	27.10	27.20
Portata nominale	Displacement	m³/h	3725	5422	7295	7954	9478	11515	15558
Velocità di rotazione	R.P.M.	g/1'	2915	2925	2930	1460	1460	1465	1465
Massima pressione differenziale per funzionamento continuo	Maximum pressure difference with continuous operation	mbar	50	66	50	50	40	40	30
Potenza motore	Motor power	kW	11	15	18,5	22	22	30	30
Consumo acqua di raffreddamento	Cooling water consumption	lt/h	140	160	160	180	180	200	200
Quantità d'olio	Oil quantity	lt	5,0/8,5	7,5/12,5	7,5/12,5	16/27	16/27	27/35	27/35
Peso con olio e motore	Weight with oil and motor	Kg	580	755	850	1600	1700	2490	2690

			Modello/Codice Model/Code number					
			K-1 EVK1	K-1E EVK1E	K-2B EVK2B	K-2B/AQ EVK2BAQ	K-2BE EVK2BE	K-2BE/AQ EVK2BEAQ
Portata aspirata	Suction air flow	l/1'	45	45	55	80	60	90
Vuoto limite	Vacuum limit	mbar	850	850	920	720	920	720
Consumo aria	Air flow consumption	l/1'	55	55	55	55	60	60
Pressione di alimentazione	Supply pressure	bar	4%6	4%6	4%6	4%6	4%6	4%6
Attacco aspirazione	Inlet connection	ANSI	1/8"G	1/4"G	1/4"G	1/4"G	3/8"G	3/8"G
Attacco aria compressa	Supply pressure hose	mm	4x6	4x6	4x6	4x6	4x6	4x6
Peso	Weight	gr	75	75	150	150	150	150
Temperatura di lavoro	Working temperature	°C	-20/+70					
Materiale	Materials		Alluminio, ottone / aluminium, brass					

			Modello Model							
			GFM - GFC					GFOP		
			20	60	100	200	300	35	120	350
Portata	Displacement	m³/h	20	65	110	200	300	36	120	350
Peso	Weight	kg	0,5	0,7	0,9	2	2,5	0,5	1,9	3,7
Quantità olio	Oil quantity	gr	-	-	-	-	-	125	350	700
Ritenzione	Retention	μ	GFM: 40 - GFC: 10					GFOP: 1		
Cartuccia	Cartridge		Paper, stainless, steel, polyester					Oil bath type		

			Modello Model							
			GFN							
			15	25	45	70	100	150	200	300
Portata	Displacement	m³/h	24	42	42	85	96	108	192	310
Peso	Weight	kg	0,25	0,5	0,5	0,9	0,9	1,7	2	3,8

Suction filters



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			Modello/Codice Model/Code number			
			K-3B EVK3B	K-3B/AQ EVK3BAQ	K-3BE EVK3BE	K-3BE/AQ EVK3BEAQ
Portata aspirata	Suction air flow	l/1'	120	202	270	380
Vuoto limite	Vacuum limit	mbar	920	720	920	720
Consumo aria	Air flow consumption	l/1'	120	120	270	270
Pressione di alimentazione	Supply pressure	bar	4%6	4%6	4%6	4%6
Attacco aspirazione	Inlet connection	ANSI	1/2"G	1/2"G	3/4"G	3/4"G
Attacco aria compressa	Supply pressure hose	mm	6x8	6x8	3/8"G	3/8"G
Peso	Weight	gr	190	190	395	395
Temperatura di lavoro	Working temperature	°C	-20/+70			
Materiale	Materials		Alluminio, ottone / aluminium, brass			

			Modello/Codice Model/Code number								
			K-4 CVK4	K-6 CVK6	K-6E CVK6E	K-10 CVK10	K-10/AQ CVK10AQ	K-50 CVK50	K-50/AQ CVK50AQ	K-75 CVK75	K-75/AQ CVK75AQ
Portata aspirata	Suction air flow	l/1'	250	500	600	1600	2000	3600	4500	4800	6000
Vuoto limite	Vacuum limit	mbar	930	930	930	930	830	930	830	930	830
Consumo aria	Air flow consumption	l/1'	65	140	260	640	640	1440	1440	1920	1920
Pressione di alimentazione	Supply pressure	bar	4%6	4%6	4%6	4%6	4%6	4%6	4%6	4%6	4%6
Attacco aspirazione	Inlet connection	ANSI	3/8"G	1/2"G	3/4"G	1"G	1"G	2"G	2"G	2½"G	2½"G
Attacco aria compressa	Supply pressure hose	mm	4x6	6x8	6x8	10x12	10x12	12x14	12x14	15 int.	15 int.
Peso	Weight	gr	750	1890	2000	3900	3900	4300	4300	9950	9950
Temperatura di lavoro	Working temperature	°C	-20/+70								
Materiale	Materials		Alluminio, ottone, nitrile / aluminium, brass, nitrile								

Lubricating oils are able to satisfy all vacuum pumps lubrication needs. Oils for pumps have a new formula based on highly selected substances of "Group II " and further additions fit to reach highest performances.

- Oils for pumps have high viscosity rate able to reduce oil viscosity changes within temperature variations therefore assuring a good lubrication also when applied to high service temperatures.
- Oils for pumps are highly resistant against oxidation and ageing and could last longer preventing moistures or lime. Infact TOST (turbine oil stability test) has certified over 4000 hours lasting, widely covering oxidation rates foreseen by end users in IP 280 (CIGRE) test.

- Thanks to their resistance to corrosion and rust, oils for pumps properly protect and preserve all lubricated components.*
- Oils for pumps have anti-foam properties and are able to disclose air thus preventing partial lubrication failure, cavitation issues, irregularities and pumps oil leakages.*
- Oils for pumps have best demulsify properties, they do not emulsify thus granting a quicker water separation, smooth and stable lubrication reducing friction and wear.*

Lubricating oils



ساخت ایتالیا

GEV OIL

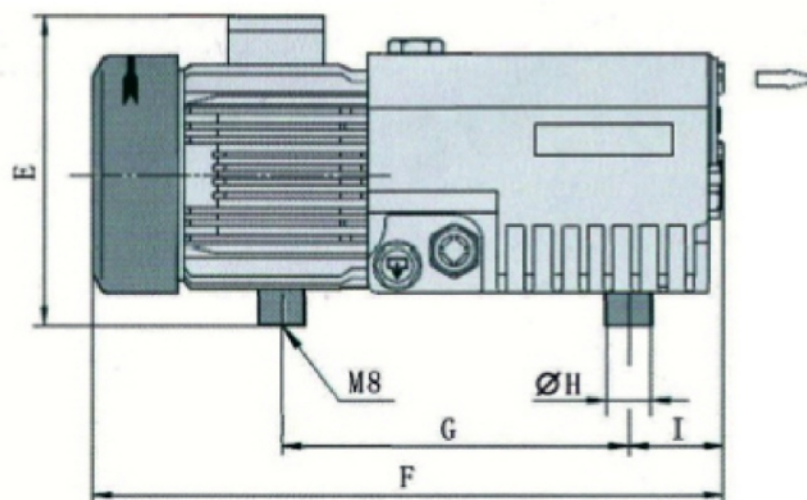
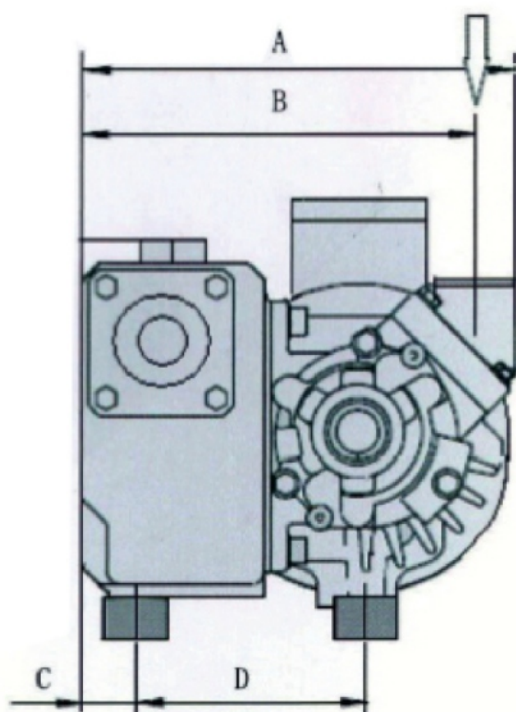
TYPE G 880

Viscosità a 40°C	Viscosity at 40°C	mm ² /s	64
Viscosità a 100°C	Viscosity at 100°C	mm ² /s	8,93
Indice di viscosità	Viscosity rate	-	114
Punto di infiammabilità V.A.	V.A. inflammability rate	°C	240
Punto di scorrimento	Lubrication temperature	°C	-15
Massa volumica a 15°C	Volumetric rate at 15°C	kg/l	0,86

GEV OIL

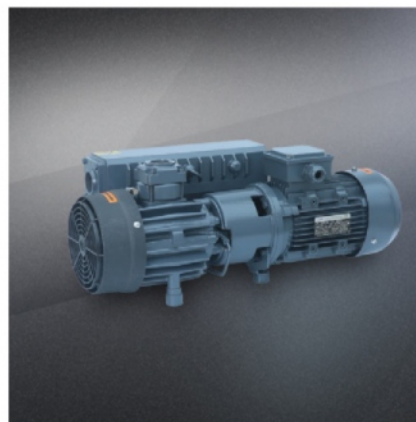
TYPE SYG 880

Viscosità a 40°C	Viscosity at 40°C	mm ² /s	68
Punto di infiammabilità V.A.	V.A. inflammability rate	°C	235
Punto di scorrimento	Lubrication temperature	°C	-30
Massa volumica a 15°C	Volumetric rate at 15°C	kg/m ³	875



Mounting and overall dimensions

Dimensions	A	B	C	D	E	F	G	H	I
SVR-10 SVR-21	232	213	26	130	220	480	226	30	117
SVR-10 SVR-20	232	213	26	130	220	465	210	30	117
SVR-21	232	213	26	130	220	473	215	30	117
SVR-25	232	213	26	130	220	473	224	30	117
SVR-25	232	213	26	130	220	480	235	30	117



SVR-10/20/21/25

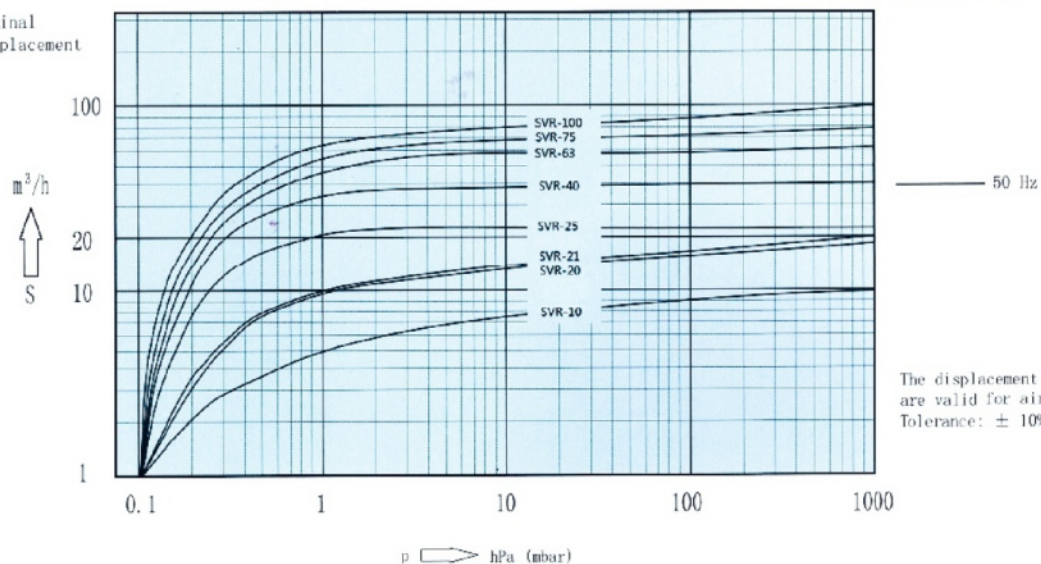
SVR-10/20/21/25 Technical parameter for single-stage rotary vane vacuum pump

ITEMS \ MODEL	Units	SVR-10	SVR-20	SVR-21	SVR-25
Rated Speed	m ³ /h	10	20	21	25
Utmost Pressure	mbar	0.1-0.5	0.1-0.5	0.1-0.5	0.1-0.5
Noise	dB(A)	61	62	62	62
Work temperature	℃	81	82	82	82
Oil consumption	L	0.5	0.5	0.5	0.5
Vapor permitted pressure	mbar	40	40	40	40
Suction rate of vapour	kg/h	0.15	0.3	0.3	0.4
Whorl of inlet	inch	Rp ³ / ₄ "	Rp ³ / ₄ "	Rp ³ / ₄ "	Rp ³ / ₄ "
Motor rated power	kW	0.37	0.75	0.75	0.9
Motor rated rotating speed	rpm	1440	2880	2880	2880
Total weight	kg	17	17	18	19

We won't notice the changes of our technical specifications under normal circumstances.

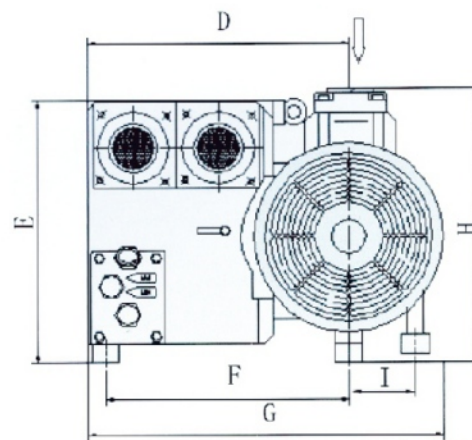
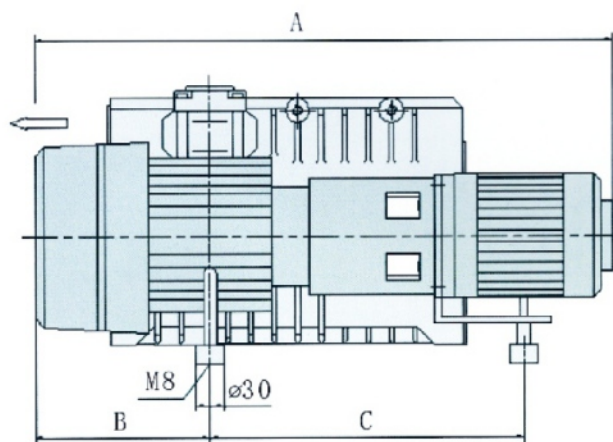
SVR-10/20/21/25

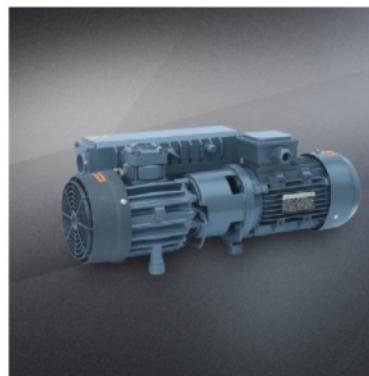
SVR-10/20/21/25 Single-stage rotary vane vacuum pump

Nominal
displacement

⊙ Mounting Dimensions

尺寸 Dimensions	A	B	C	D	E	F	G	H	I
SVR-40	650	150	290	195	270	185	300	280	55
SVR-63	650	150	265	295	285	278	430	295	—
SVR-75	670	160	280	295	285	278	430	295	—
SVR-100	720	180	295	295	285	278	430	295	—



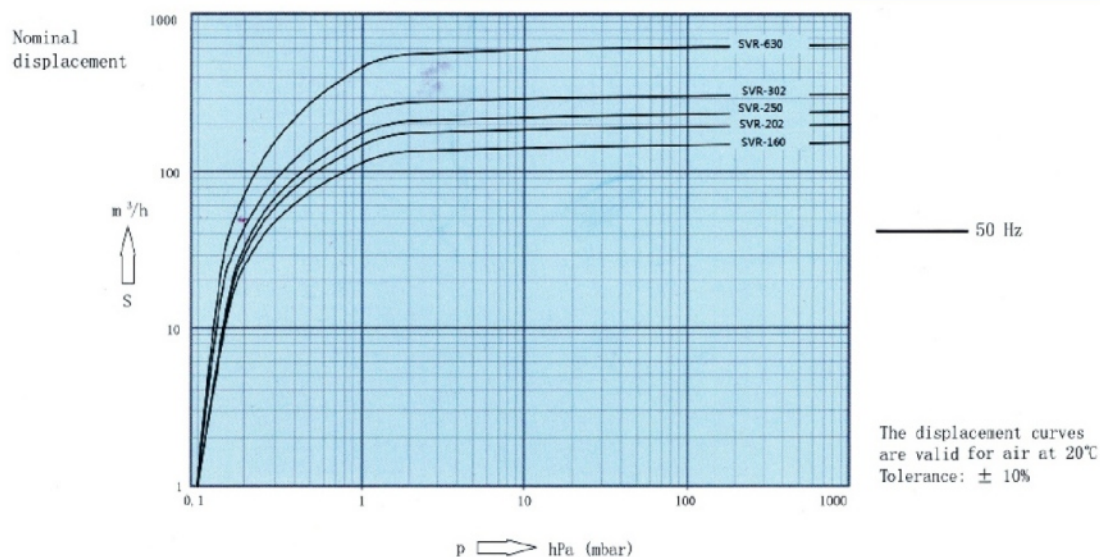


SVR-40/63/100

SVR-40/63/100 Technical parameter for single-stage rotary vacuum pump

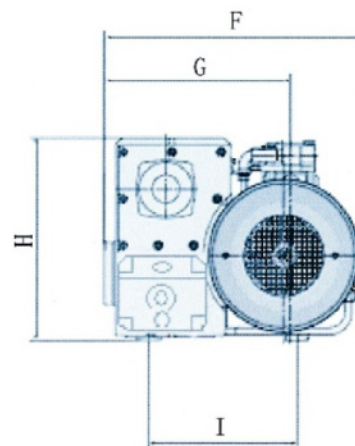
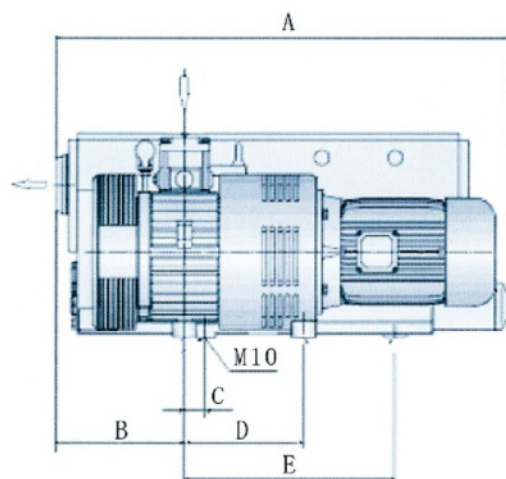
ITEMS \ MODEL	Units	SVR-40	SVR-63	SVR-75	SVR-100
Rated Speed	m ³ /h	40	63	75	100
Utmost Pressure	mbar	0.1-0.5	0.1-0.5	0.1-0.5	0.1-0.5
Noise	dB(A)	64	65	65	66
Work temperature	°C	83	84	84	85
oil consumption	L	1.5	2	2	2
Vapor permitted pressure	mbar	40	40	40	40
Suction rate of vapour	kg/h	0.6	1	1.2	1.6
Whorl of inlet	inch	Rp1¼"	Rp1¼"	Rp1¼"	Rp1¼"
Whorl of outlet	inch	Rp1¼"	Rp1¼"	Rp1¼"	Rp1¼"
Motor rated power	kW	1.1	1.5	1.5	2.2
Motor rated rotating speed	rpm	1440	1440	1440	1440
Total weight	kg	48	58	60	72
Vacuum pump size	cm	65 × 30 × 28	65 × 43 × 29.5	67 × 43 × 29.5	72 × 43 × 29.5

We won't notice the changes of our technical specifications under normal circumstances.



Mounting Dimensions

Dimensions	A	B	C	D	E	F	G	H	I
SVR-160	855	225	40	240	430	495	345	435	310
SVR-202	855	225	40	240	430	495	345	435	310
SVR-250	980	260	—	300	390	560	385	440	355
SVR-302	1010	260	—	300	390	560	385	440	355



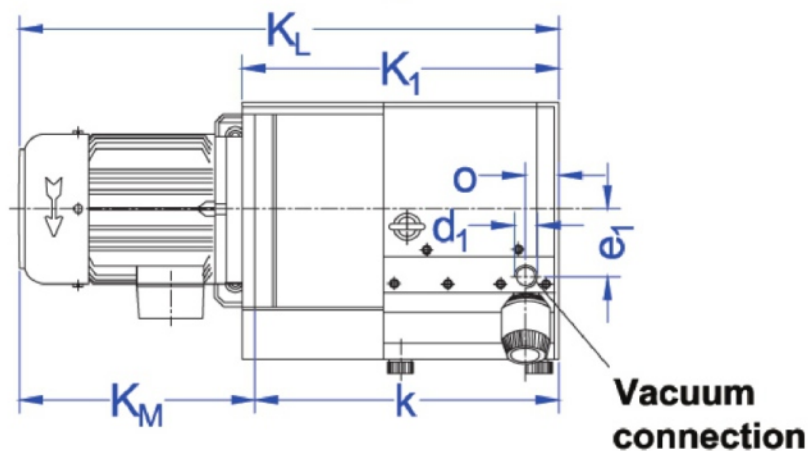
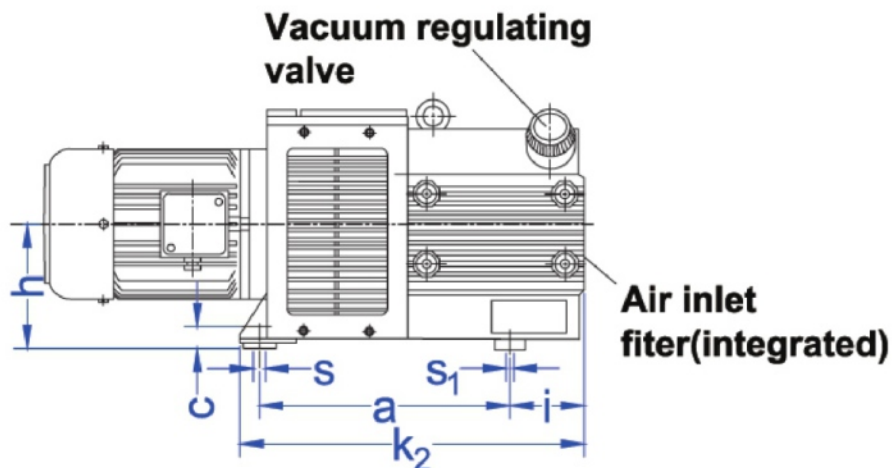
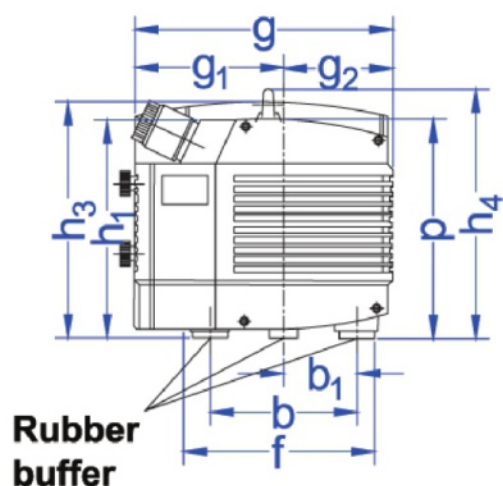


SVR-160/202/250/302

SVR-160/202/250/302 Technical parameter for single-stage rotary vane vacuum pump

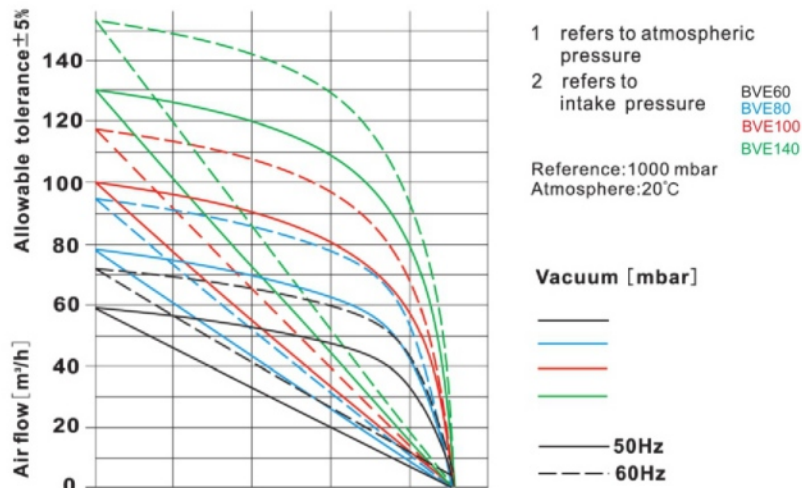
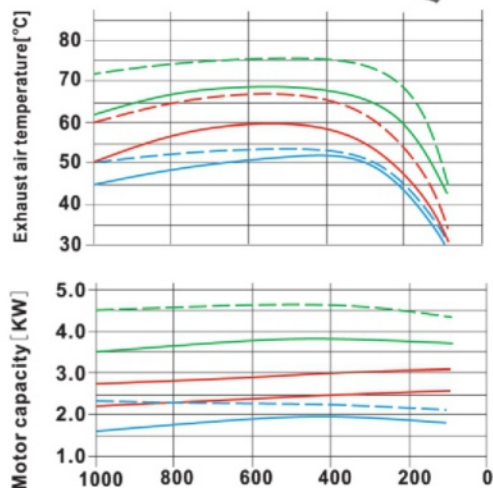
ITEMS \ MODEL	Units	SVR-160	SVR-202	SVR-250	SVR-302
Rated Speed	m ³ /h	160	200	250	300
Utmost Pressure	mbar	0.1-0.5	0.1-0.5	0.1-0.5	0.1-0.5
Noise	dB(A)	71	73	73	75
Work temperature	°C	65	72	81	83
Oil consumption	L	5	5	8	8
Vapor permitted pressure	mbar	40	40	40	40
Suction rate of vapour	kg/h	2.5	4	4.5	5
Whorl of inlet	inch	Rp2"	Rp2"	Rp2"	Rp2"
Whorl of outlet	inch	Rp2"	Rp2"	Rp2"	Rp2"
Motor rated power	kW	4	4.8	5.5	7.5
Motor rated rotating speed	rpm	1440	1440	1440	1440
Total weight	kg	157	157	195	211
Vacuum pump size	cm	85.5 × 49.5 × 43.5	85.5 × 49.5 × 43.5	98 × 56 × 44	101 × 56 × 44

We won't notice the changes of our technical specifications under normal circumstances.

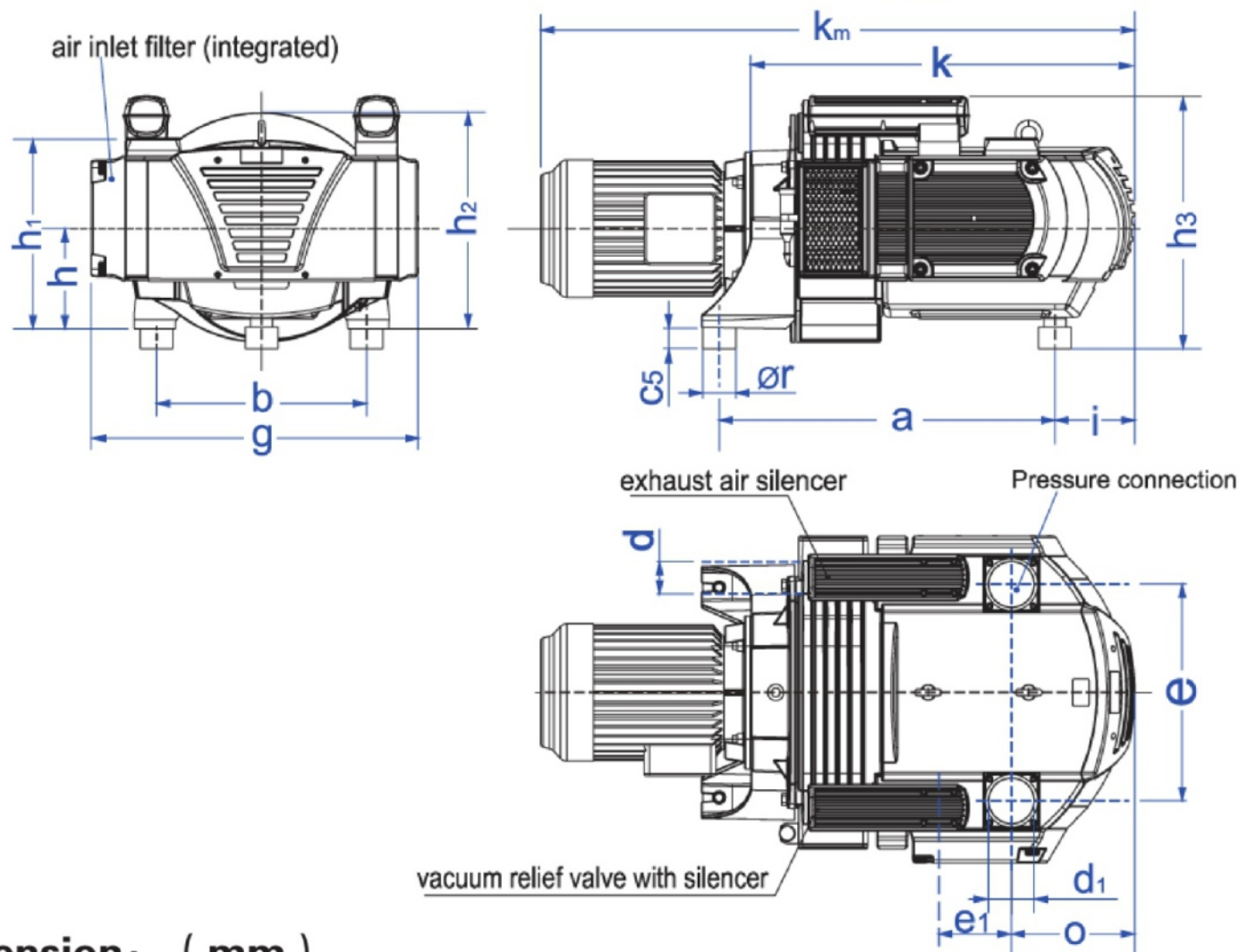


Dimension: (mm)

Type	a	b	b ₁	c	d ₁	e ₁	f	g	g ₁	g ₂	h	h ₁	h ₃	h ₄	l	k	k ₁	k ₂	k _m	k _L	o	p	es	s ₁
BVE60	327	190	95	33	G1"	65	235	335	189	150	161	275	314	331	93.5	401	419	451	330	728.5	49.5	289	12	M8
BVE80	327	190	95	33	G1"	65	235	335	189	150	161	275	314	331	93.5	401	419	451	330	731	49.5	289	12	M8
BVE100	401	239	117	33	G1-1/2"	97	295	415	228.5	186.5	156	301	328	325	140	530	540	565	375	905	64	336	12	M8
BVE140	401	239	117	33	G1-1/2"	97	295	415	228.5	186.5	156	301	328	325	140	530	540	565	375	905	64	336	12	M8
BVE160	401	239	117	33	G1-1/2"	97	305	415	228.5	186.5	156	301	328	325	140	530	540	565	375	905	64	336	12	M8
BVE175	401	239	117	33	G1-1/2"	97	305	415	228.5	186.5	156	301	328	328	140	530	540	565	425	945	64	336	12	M8

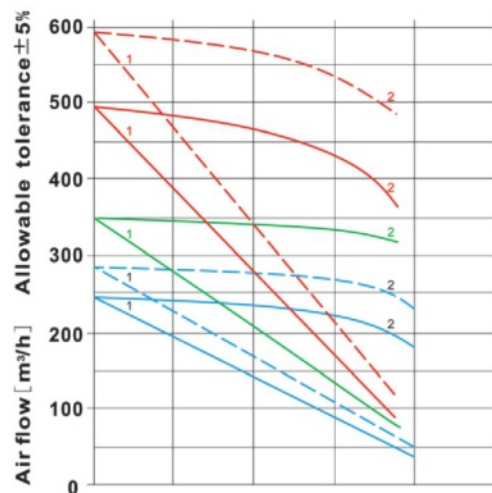
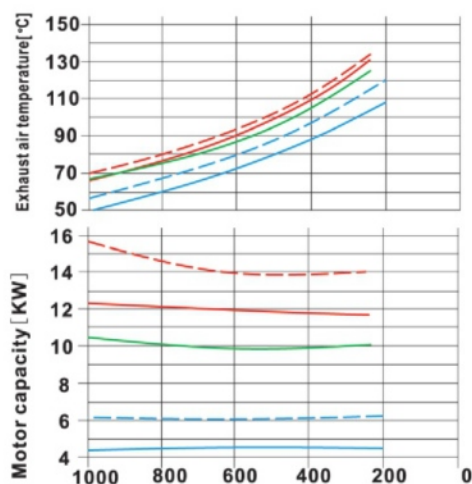


Type	(m³/h)		(kw)		Motor voltage		(RPM ⁻¹) Speed		(mbar) Vacuum	[dB (A)]		(kg) Weight	Motor Type
	Air flow		Motor power							Noise Level			
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz		
BVE60	60	72	2.2	2.6	230/400V ± 10%	230/400V ± 10%	1420	1700	-0.6~+0.6	71	73	72	B5/250
BVE80	80	96	3.0	2.6	230/400V ± 10%	230/400V ± 10%	1420	1700	-0.6~+0.6	72	75	75	B5/250
BVE100	100	120	5.5	3.6	230/400V ± 10%	230/400V ± 10%	1420	1700	-0.6~+0.6	75	77	129	B5/250
BVE140	140	168	5.5	4.8	230/400V ± 10%	230/400V ± 10%	1420	1700	-0.6~+0.6	76	79	137	B5/250
BVE160	160	180	7.5	6.3	230/400V ± 10%	230/400V ± 10%	1420	1700	-0.6~+0.6	82	84	140	B5/250
BVE175	175	200	7.5	9.0	230/400V ± 10%	230/400V ± 10%	1420	1700	-0.6~+0.6	85	86	145	B5/250



Dimension: (mm)

Type	a	b	c ₅	d	d ₁	e	e ₁	g	h	h ₁	h ₂	h ₃	l	k	k _m	o	ø r	s
BVE200	645	380	40	G2"	G2-1/2"	423	216	612	225	388.5	426	493.5	125	684	1092	171.5	50	M10
BVE250	645	380	40	G2"	G2-1/2"	423	216	612	225	388.5	426	493.5	125	684	1092	171.5	50	M10
BVE300	645	380	40	G2"	G2-1/2"	423	216	612	225	388.5	426	493.5	125	684	1092	171.5	50	M10



1 refers to atmospheric pressure

2 refers to intake pressure

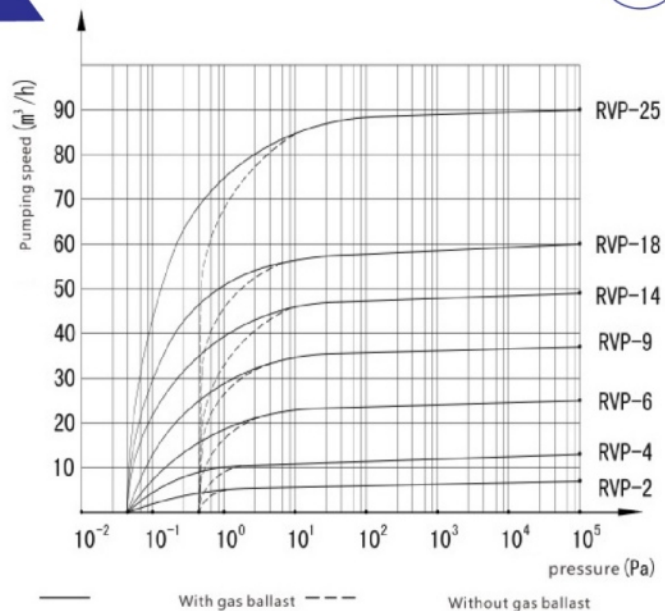
Reference: 1000 mbar
Atmosphere: 20°C

Vacuum

— BVE200
— BVE250
— BVE300
— 50Hz
--- 60Hz

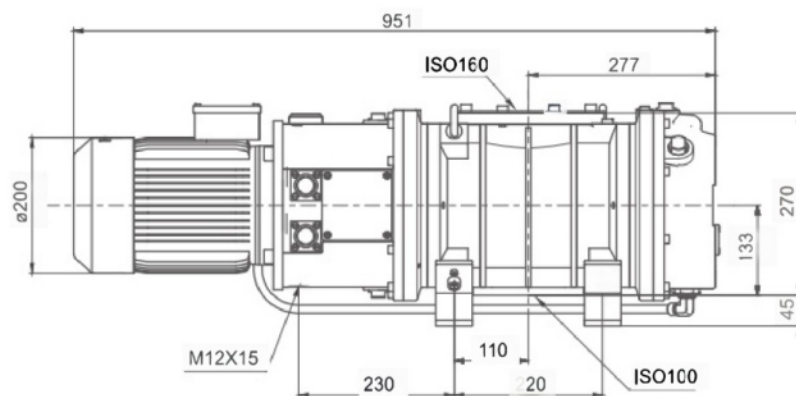
Specification :

Type	(m ³ /h) Air flow		(mbar) Vacuum	(kw) Motor power		(RPM ⁻¹) Speed		[dB (A)] Noise Level		(kg) Weight	Motor Type
	50Hz	60Hz		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
BVE200	178	218	-0.6~+0.6	4.0	4.8	960	1150	75	77	270	B5/300
BVE250	250	300	-0.6~+0.6	5.5	6.6	960	1150	81	81	280	B5/350
BVE300	351	402	-0.6~+0.6	11.0	13.2	1430	1720	80.5	82.5	285	B5/350

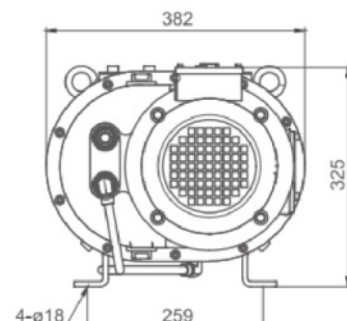


Model	RVP-2	RVP-4	RVP-6	RVP-9	RVP-14	RVP-18	RVP-25	RVP-275
Flow Rate (L/s)	2	4	6	9	14	18	25	70
Flow Rate (m³/h)	8	15	22	32	50	65	90	255
Total Ultimate Pressure (mbar), GB Closed	4×10^{-4}	4×10^{-4}	4×10^{-4}	4×10^{-4}	4×10^{-4}	4×10^{-4}	4×10^{-4}	5×10^{-3}
Total Ultimate Pressure (mbar), GB Open	3×10^{-3}	3×10^{-3}	3×10^{-3}	3×10^{-3}	3×10^{-3}	3×10^{-3}	3×10^{-3}	1×10^{-2}
Motor Speed (rpm)	1400	1400	1420	1420	1440	1440	1440	1440
Motor Power (kW) 1 Phase/3 Phase	0.55/0.40	0.55/0.40	0.75/0.75	0.75/0.75	-/1.5	-/2.2	-/2.2	-/7.5
Inlet/Outlet Size	KF25	KF25	KF25	KF25/40	KF40	KF40	KF40	VG80/VG50
Oil Capacity (L)	1.2	1.2	1.8	2.0	3.9	5.0	5.5	28
Noise (dB)	50	50	53	53	58	60	62	75
Weight (KG)	23	26	38	40	66	85	90	255

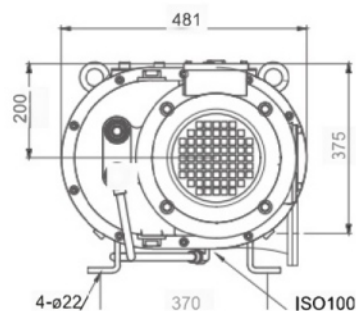
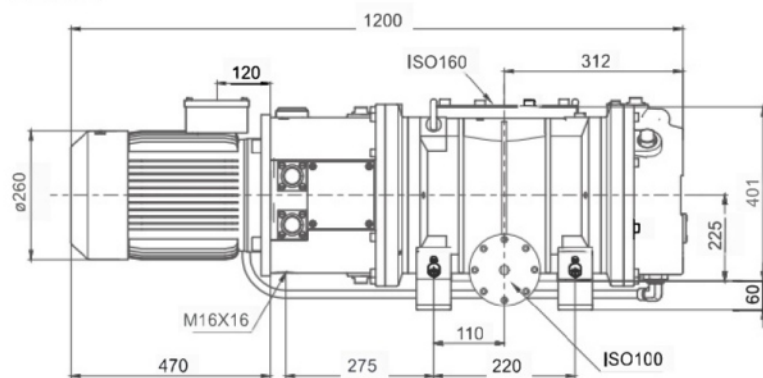
RP1200



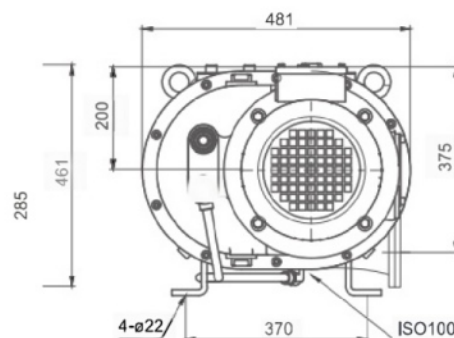
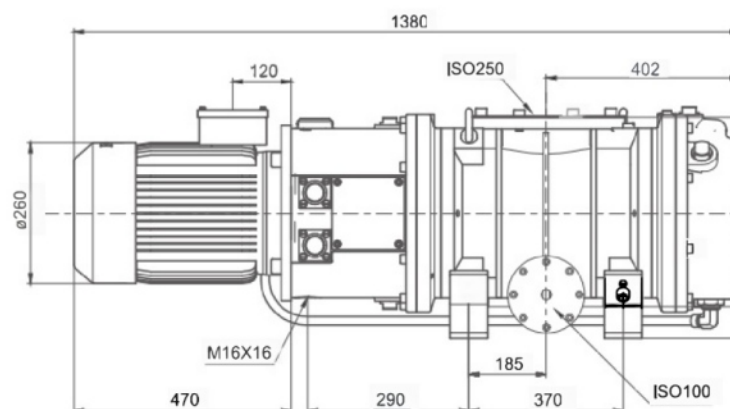
INSTALLATION DIMENSIONS

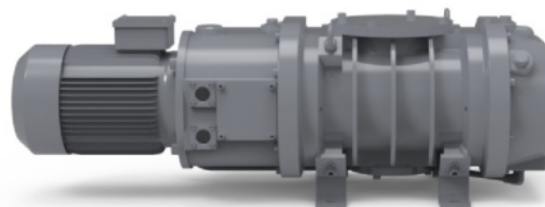


RP2400



RP4200

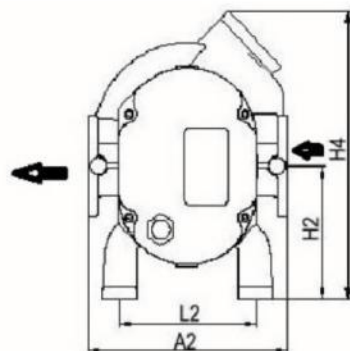




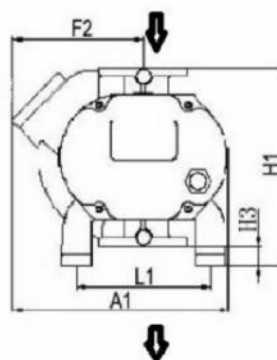
TECHNICAL PARAMETER

مدل	واحد اندازه گیری	RP250	RP500	RP1200	RP2400	RP4200
سرعت تخلیه (50 Hz)	m ³ /h	310	505	1195	2590	4140
سرعت تخلیه (60 Hz)	m ³ /h	375	605	1435	3110	4985
قطر دهانه ورودی	DN	ISO63	ISO100	ISO160	ISO160	ISO250
قطر دهانه خروجی	DN	ISO40	ISO63	ISO100	ISO100	ISO100
فشار خلاء (50 Hz)	mbar/Pa	180/18000	110/11000	90/9000	80/8000	60/6000
فشار خلاء (60 Hz)	mbar/Pa	150/15000	90/9000	75/7500	67/6700	50/5000
توان الکتروموتور	Kw	2.2	2.2	3	11	11
دور موتور (50 Hz)	rpm	2900	2900	2900	2900	2900
دور موتور (60 Hz)	rpm	3500	3500	3500	3500	3500
حجم روغن گیربکس	L	/	/	1.25	3.5	3.5
حجم روغن کوپلینگ	L	1.5	1.5	2.4	6.5	6.5
حجم روغن سیل	L	0.125	0.125	0.125	0.15	0.15
حجم آب برای خنک کاری	L/h			120	250	250
وزن	kg	70	105	150	400	480

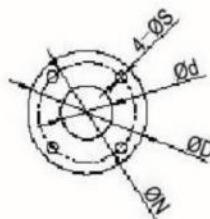
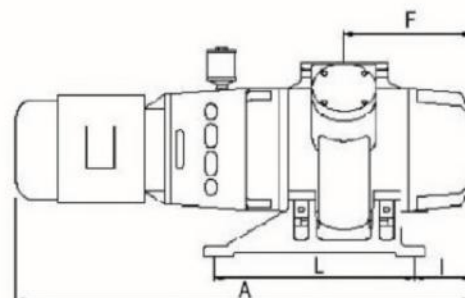
INSTALLATION DIMENSIONS



Vertical installation



Horizontal installation

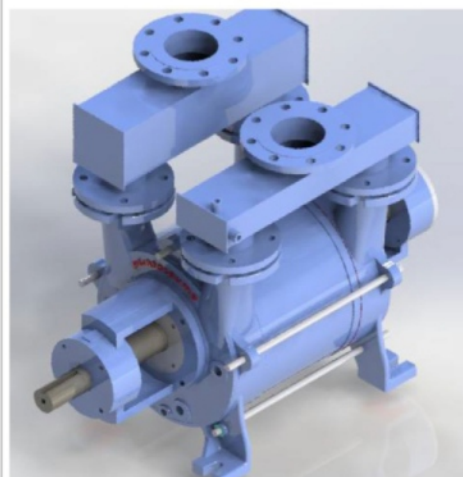


Dimensions	A	A1	A2	H1	H4	L	L1	L2	F	F2	H3	H2	I	d	S	D	N
JRP-150	570	300	290	285	348	355	240	194	165	180	5	168	37	70	M12	160	130
JRP-250	740	300	290	285	330	420	240	185	209	180	5	160	37	70	M12	160	130
JRP-500	845	395	316	350	446	370	246	218	236	238	35	207	106	70	M12	160	130
JRP-1000	1080	495	370	419	553	510	275	240	301	302	49	252	129	100	M16	210	170
JRP-2000	1236	642	460	530	760	740	388	292	370	410	70	351	154	150	M16	265	225



ITEMS \ MODEL	Units	JRP-150	JRP-250	JRP-500	JRP-1000	JRP-2000
Pumping rate	m³/h	153	253	505	1000	2050
Ultimate pressure	Pa	0.05				
Extreme full pressure	Pa	0.5				
Max. Differential pressure	Pa	8000				5000
In and out of caliber	mm	65	65	65	100	150
Max. Of zero flow compression rate	max	≥35	≥35	≥40	≥40	≥50
Noise	dB(A)	63	63	63	68	75
Motor power	kW	1.1	1.1	2.2	4	7.5
Motor synchronous speed	r/min	3000				
Cooling model		natural air cooling				
Weight	kg	90	100	155	233	465
Recommend backing pump models		X-63, 2X-8	X-100, 2X-15	X-160, 2X-30	X-302, 2X-70	X-630, 2X-70

پمپ وکیوم ۵۰۰ متر مکعب بر ساعت



۵۰۰	ظرفیت مکش (متر مکعب بر ساعت $\frac{m^3}{h}$)
۳۰	حداکثر فشار مطلق مکش (mbar)
۱۴۲۰	سرعت دورانی (دور بر دقیقه rpm)
۱۵	قدرت موتور (کیلو وات kw)
۴	اتصال ورودی و خروجی (اینچ) (inch)
۱/۲	اتصال ورودی مایع (اینچ inch)
۱/۲	اتصال تخلیه (اینچ inch)
۱/۴	اتصال شیر آنتی کاویتاسیون (اینچ inch)

پمپ وکیوم ۷۵۰ متر مکعب بر ساعت

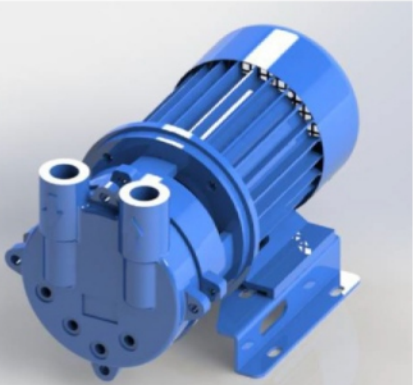


۷۵۰	ظرفیت مکش (متر مکعب بر ساعت $\frac{m^3}{h}$)
۳۰	حداکثر فشار مطلق مکش (mbar)
۱۴۰۰	سرعت دورانی (دور بر دقیقه rpm)
۲۲	قدرت موتور (کیلو وات kw)
۴	اتصال ورودی و خروجی (اینچ) (inch)
۱/۲	اتصال ورودی مایع (اینچ inch)
۱/۲	اتصال تخلیه (اینچ inch)
۱/۴	اتصال شیر آنتی کاویتاسیون (اینچ inch)

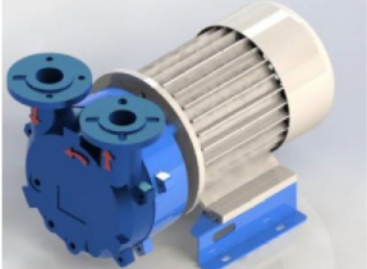


پمپ و کیوم رینگ آبی (رینگ مایع)

پمپ و کیوم ۶۰ متر مکعب بر ساعت

	۶۰	ظرفیت مکش (متر مکعب بر ساعت $\frac{m^3}{h}$)
	۳۰	حداکثر فشار مطلق مکش (mbar)
	۲۸۵۰	سرعت دورانی (دور بر دقیقه rpm)
	۱.۵	قدرت موتور (کیلو وات kw)
	۱	اتصال ورودی و خروجی (اینچ) (inch)
	۱/۴	اتصال ورودی مایع (اینچ) (inch)
	۱/۴	اتصال تخلیه (اینچ) (inch)
	۱/۴	اتصال شیر آنتی کلویتاسیون (اینچ) (inch)

پمپ و کیوم ۱۰۰ متر مکعب بر ساعت

	۱۰۰	ظرفیت مکش (متر مکعب بر ساعت $\frac{m^3}{h}$)
	۳۰	حداکثر فشار مطلق مکش (mbar)
	۱۴۰۰	سرعت دورانی (دور بر دقیقه rpm)
	۳	قدرت موتور (کیلو وات kw)
	1 1/2	اتصال ورودی و خروجی (اینچ) (inch)
	3/8	اتصال ورودی مایع (اینچ) (inch)
	3/8	اتصال تخلیه (اینچ) (inch)
	3/8	اتصال شیر آنتی کلویتاسیون (اینچ) (inch)

پمپ و کیوم ۳۰۰ متر مکعب بر ساعت

	۳۰۰	ظرفیت مکش (متر مکعب بر ساعت $\frac{m^3}{h}$)
	۳۰	حداکثر فشار مطلق مکش (mbar)
	۱۴۰۰	سرعت دورانی (دور بر دقیقه rpm)
	۷.۵	قدرت موتور (کیلو وات kw)
	2 1/2	اتصال ورودی و خروجی (اینچ) (inch)
	۱/۲	اتصال ورودی مایع (اینچ) (inch)
	۱/۲	اتصال تخلیه (اینچ) (inch)
	۱/۲	اتصال شیر آنتی کلویتاسیون (اینچ) (inch)

پمپ و کیوم ۳۸۰ متر مکعب بر ساعت

	۳۸۰	ظرفیت مکش (متر مکعب بر ساعت $\frac{m^3}{h}$)
	۳۰	حداکثر فشار مطلق مکش (mbar)
	۱۴۲۰	سرعت دورانی (دور بر دقیقه rpm)
	۱۱	قدرت موتور (کیلو وات kw)
	2 1/2	اتصال ورودی و خروجی (اینچ) (inch)
	۱/۲	اتصال ورودی مایع (اینچ) (inch)
	۱/۲	اتصال تخلیه (اینچ) (inch)
	۱/۲	اتصال شیر آنتی کلویتاسیون (اینچ) (inch)

Roots Blower Working Principle



Qs: Inlet Airflow (m³/min.) La: Blower Shaft Power(Kw) Po: Motor Power(Kw)

Model	Bore mm	RPM	Performance Datasheet																													
			9.8KPA			19.6KPA			29.4KPA			39.2KPA			49KPA			58.8KPA			68.6KPA			78.4KPA			88.2KPA			98KPA		
			Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po			
RSR 125	125A	980	6.61	3.07	4	6.23	4.17	5.5	5.93	4.71	5.5	5.68	5.48	7.5	5.46	6.85	7.5	5.26	8.22	11	5.08	9.59	11	4.91	10.96	15						
		1200	8.30	3.12	4	7.92	4.31	5.5	7.62	5.66	7.5	7.38	6.71	7.5	7.16	8.39	11	6.96	10.06	11	6.78	11.74	15	6.61	13.42	15	6.45	15.09	18.5	6.30	16.77	18.5
		1310	9.15	3.05	4	8.77	4.71	5.5	8.47	5.79	7.5	8.22	7.32	11	8.00	9.16	11	7.80	10.99	15	7.62	12.82	15	7.45	14.65	18.5	7.29	16.48	18.5	7.14	18.45	22
		1390	9.77	3.12	4	9.38	3.89	5.5	9.09	5.83	7.5	8.81	7.77	11	8.62	9.72	11	8.42	11.66	15	8.24	14.40	18.5	8.07	15.54	18.5	7.91	17.88	22	7.76	19.43	22
		1450	10.03	3.11	4	9.64	4.56	5.5	9.35	6.08	7.5	9.10	8.11	11	8.89	10.53	15	8.68	12.16	15	8.50	14.69	18.5	8.33	16.21	18.5	8.17	18.24	22	8.02	20.26	22
		1530	10.54	2.96	4	10.16	5.56	7.5	9.86	7.52	11	9.62	8.56	11	9.40	10.69	15	9.20	12.83	15	9.02	14.97	18.5	8.85	17.49	22	8.69	19.24	22	8.54	21.38	30
		1630	11.21	2.93	4	10.83	6.13	7.5	10.53	7.69	11	10.29	9.11	11	10.07	11.39	15	9.87	14.67	18.5	9.69	15.95	18.5	9.52	18.22	22	9.36	21.45	30	9.21	22.78	30
		1750	11.94	4.15	5.5	11.55	6.28	7.5	11.26	8.26	11	11.01	10.36	15	10.79	12.23	15	10.59	14.68	18.5	10.41	17.82	22	10.24	19.57	22	10.08	22.01	30	9.93	24.46	30
		1850	12.61	4.18	5.5	12.22	7.46	11	11.93	9.76	11	11.68	11.34	15	11.16	14.29	18.5	11.26	15.51	18.5	11.08	18.10	22	10.91	20.68	30	10.75	23.27	30	10.60	25.85	30
		2000	13.66	6.03	7.5	13.28	8.03	11	12.98	10.45	15	12.73	11.18	15	12.51	15.98	18.5	12.32	17.77	22	12.13	20.57	30	11.96	22.36	30	11.80	25.15	30	11.65	31.59	37
RSR 150C	150A	970	11.00	2.95	4	10.45	5.47	7.5	10.15	7.22	11	9.77	8.95	11	9.56	11.18	15	9.28	13.43	15												
		1200	13.52	4.24	5.5	13.07	7.67	11	12.85	8.31	11	12.60	11.07	15	12.28	14.66	18.5	12.09	16.61	18.5												
		1310	14.79	4.23	5.5	14.57	7.66	11	14.25	10.46	15	13.96	12.09	15	13.68	15.11	18.5	13.40	18.13	22												
		1390	15.53	5.40	7.5	15.19	8.70	11	14.86	10.43	15	14.70	12.83	15	14.55	16.03	18.5	14.21	19.24	22												
		1460	16.42	5.66	7.5	15.87	8.09	11	15.55	11.11	15	15.17	13.47	15	14.96	17.83	22	14.78	21.21	30												
		1530	17.11	5.54	7.5	16.56	8.94	11	16.34	11.59	15	16.09	14.12	18.5	15.92	18.68	22	15.75	21.17	30												
		1630	18.38	5.84	7.5	17.83	8.52	11	17.41	11.28	15	17.06	15.04	18.5	16.75	18.80	22	16.46	22.56	30												
		1750	19.55	5.61	7.5	19.37	7.92	11	19.03	10.57	15	18.72	13.06	15	18.45	16.32	18.5	18.18	21.17	30	17.93	24.07	30	17.66	26.99	30	17.39	29.91	37	17.12	32.83	45
RSR 150	150A	1100	17.34	5.80	7.5	17.10	7.47	11	16.75	11.21	15	16.32	14.94	18.5	15.96	18.68	22	15.79	22.41	30	15.57	26.14	30	15.37	29.88	37	15.19	33.61	37	14.93	37.35	45
		1180	18.66	5.51	7.5	18.32	10.21	15	17.99	11.91	15	17.70	16.82	22	17.46	21.02	30	17.23	23.82	30	17.02	27.79	30	16.82	31.76	37	16.50	35.73	45	16.25	39.70	45
		1240	19.55	5.61	7.5	19.37	11.02	15	19.03	14.08	18.5	18.83	17.66	22	18.65	21.86	30	18.43	25.03	30	18.11	29.21	37	17.93	33.38	37	17.62	37.55	45	17.34	43.72	55
		1400	22.32	7.70	11	22.05	13.05	15	21.82	18.17	22	21.60	21.20	30	21.43	23.55	30	21.07	28.46	37	20.93	35.07	45	20.73	37.68	45	20.48	43.39	55	20.12	47.10	55
		1470	24.23	7.42	11	24.08	14.84	18.5	23.82	19.08	22	23.61	22.95	30	23.44	24.73	30	23.09	29.68	37	22.01	35.62	45	21.88	39.57	45	21.65	44.51	55	21.38	49.46	55
		1620	26.31	11.81	15	25.55	17.35	22	25.23	21.03	30	25.03	23.09	30	24.88	32.86	37	24.53	35.63	45	24.35	44.92	55	24.13	48.60	55	23.86	53.19	75	23.63	55.12	75
		1730	27.81	14.58	18.5	27.16	19.47	22	26.88	22.45	30	26.62	30.19	37	26.42	32.82	37	26.21	37.93	45	26.04	45.14	55	25.72	51.39	75	25.55	55.47	75	25.31	61.21	75
		1900	30.19	11.51	15	29.75	23.01	30	29.55	28.76	37	29.23	34.53	37	29.03	40.84	45	28.84	45.61	55	28.55	49.75	55	28.29	54.14	75	28.05	57.53	75	27.86	63.92	75
RSR 175A	150A	970	19.05	5.25	7.5	17.90	8.16	11	17.01	12.24	15	16.31	16.32	18.5	15.60	22.40	30	14.90	24.48	30	14.42	29.56	37	14.01	34.91	45	13.88	39.27	45			
		1150	23.10	6.21	7.5	21.98	11.61	15	20.95	14.51	18.5	20.34	20.35	22	19.62	24.18	30	18.91	29.02	37	18.33	33.86	37	17.86	40.96	45	17.19	46.08	55			
		1450	30.65	7.32	11	29.48	12.20	15	28.61	18.30	22	27.87	24.40	30	27.18	30.49	37	26.61	36.59	45	25.95	43.69	55	25.36	51.65	75	24.85	58.11	75			
		1750	37.32	7.56	11	36.05	16.72	18.5	35.15	22.08	30	34.45	29.44	37	33.75	36.80	45	33.04	44.16	55	32.61	53.52	75									
		2000	42.78	11.09	15	41.67	18.83	22	40.78	25.24	30	39.95	33.65	37	39.26	42.06	45	38.68	50.47	55												
RSR 175	150A	970	22.17	7.35	11	21.41	11.84	15	20.73	14.80	18.5	20.15	19.74	22	19.71	24.67	30	19.21	29.60	37												
		1100	25.76	7.77	11	24.79	13.29	15	24.04	19.06	22	23.51	22.58	30	23.26	29.23	37	22.86	33.87	37												
		1180	27.58	8.75	11	26.81	14.51	18.5	26.14	20.01	22	25.62	24.01	30	25.28	30.01	37	24.75	36.01	45												
		1240	29.05	11.32	15	28.32	15.14	18.5	27.66	22.71	30	27.17	25.23	30	26.76	31.53	37	26.31	37.84	45												
		1400	33.19	11.68	15	32.45	18.31	22	31.72	23.36	30	31.25	28.48	37	30.88	37.60	45	30.51	43.72	55												
		1520	36.12	16.92	18.5	35.45	20.40	22	34.83	26.19	30	34.35	31.92	37	33.89	38.65	45	33.48	46.38	55												
		1620	38.45	14.83	18.5	37.75	22.82	30	37.14	28.80	37	36.65	32.96	37	36.14	41.20	45	35.74	49.43	55												
		1730	41.05	18.60	22	40.30	26.39	30	39.68	33.93	37	39.19	39.58	45	38.73	49.49	55	38.32	55.89	75												



RSR Series Three Lobes Roots Blower / Vacuum Pump

Qs: Inlet Airflow (m³/min.) La: Blower Shaft Power(Kw) Po: Motor Power(Kw)

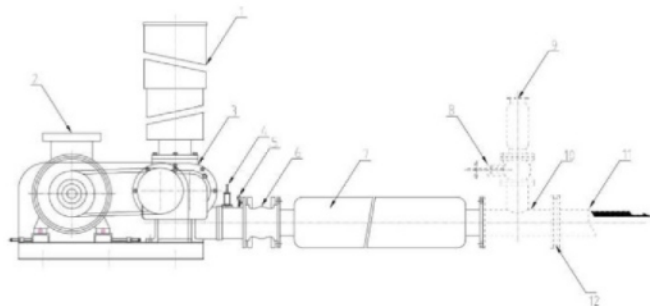
Model	Bore mm	RPM	Performance Datasheet																															
			9.8KPA			19.6KPA			29.4KPA			39.2KPA			49KPA			58.8KPA			68.6KPA			78.4KPA			88.2KPA			98KPA				
			Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po		
RSR 50	50A	1100	1.26	0.30	0.75	1.16	0.59	0.75	1.02	0.89	1.1	0.93	1.18	1.5	0.80	1.48	2.2	0.68	1.77	2.2														
		1230	1.36	0.33	0.75	1.30	0.66	0.75	1.15	0.99	1.1	1.06	1.32	1.5	0.98	1.65	2.2	0.85	1.98	2.2														
		1350	1.53	0.36	0.75	1.43	0.73	1.1	1.31	1.09	1.5	1.22	1.45	2.2	1.12	1.81	2.2	1.03	2.18	3														
		1450	1.82	0.39	0.75	1.58	0.73	1.1	1.42	1.17	1.5	1.34	1.56	2.2	1.26	1.95	2.2	1.19	2.34	3														
		1530	1.93	0.44	0.75	1.79	0.82	1.1	1.69	1.23	1.5	1.60	1.64	2.2	1.53	2.06	2.2	1.46	2.47	3	1.39	2.88	4	1.33	3.29	4								
		1640	2.10	0.44	0.75	1.96	0.94	1.5	1.86	1.32	1.5	1.77	1.76	2.2	1.69	2.20	3	1.62	2.64	3	1.55	3.08	4	1.49	3.83	5.5								
		1730	2.23	0.47	0.75	2.09	1.06	1.5	1.99	1.43	2.2	1.90	1.86	2.2	1.82	2.32	3	1.75	2.79	3	1.69	3.25	4	1.63	3.94	5.5								
		1840	2.39	0.50	0.75	2.26	1.21	1.5	2.15	1.48	2.2	2.06	1.98	2.2	1.99	2.47	3	1.91	2.97	4	1.85	3.46	4	1.79	3.96	5.5								
		1950	2.56	0.53	0.75	2.42	1.21	1.5	2.31	1.57	2.2	2.23	2.10	3	2.15	2.62	3	2.08	3.14	4	2.01	3.67	5.5	1.95	4.19	5.5								
		2120	2.81	0.57	0.75	2.67	1.21	2.2	2.57	1.71	2.2	2.48	2.28	3	2.40	2.85	4	2.33	3.42	4	2.26	3.99	5.5	2.20	4.56	5.5								
		2300	3.07	0.66	0.75	2.94	1.63	2.2	2.83	2.08	3	2.74	2.47	3	2.67	3.13	4	2.60	3.71	5.5	2.53	4.33	5.5	2.47	4.95	5.5								
		RSR 65	65A	1240	2.09	0.46	0.75	1.93	0.91	1.1	1.80	1.36	1.5	1.69	1.82	2.2	1.59	2.27	3	1.51	2.73	3	1.43	3.18	4	1.36	3.95	5.5						
1360	2.34			0.50	0.75	2.17	1.12	1.5	2.04	1.50	2.2	1.93	2.15	3	1.84	2.49	3	1.75	2.99	4	1.67	3.49	4	1.59	3.99	5.5								
1450	2.52			0.54	0.75	2.35	1.07	1.5	2.22	1.60	2.2	2.11	2.13	3	2.02	2.66	3	1.93	3.19	4	1.85	3.72	5.5	1.78	4.25	5.5								
1530	2.68			0.56	0.75	2.51	1.13	1.5	2.38	1.69	2.2	2.27	2.25	3	2.18	2.92	4	2.09	3.37	4	2.01	3.93	5.5	1.94	4.49	5.5								
1640	2.90			0.61	0.75	2.73	1.21	1.5	2.60	1.81	2.2	2.49	2.41	3	2.40	3.01	4	2.31	3.61	4	2.23	4.21	5.5	2.16	4.81	5.5								
1740	3.10			0.64	0.75	2.93	1.46	2.2	2.80	1.91	2.2	2.70	2.55	3	2.60	3.19	4	2.51	3.83	5.5	2.43	4.47	5.5	2.36	5.55	7.5								
1820	3.26			0.78	1.1	3.09	1.52	2.2	2.97	2.16	3	2.86	2.92	4	2.76	3.34	4	2.68	4.24	5.5	2.60	4.67	5.5	2.52	5.54	7.5								
1940	3.50			0.85	1.1	3.34	1.63	2.2	3.21	2.34	3	3.10	2.85	4	3.00	3.56	4	2.92	4.27	5.5	2.84	5.61	7.5	2.76	6.21	7.5								
2130	3.89			1.46	1.5	3.72	1.57	2.2	3.59	2.35	3	3.48	3.13	4	3.39	4.11	5.5	3.30	4.69	5.5	3.22	5.67	7.5	3.15	6.25	7.5								
2300	4.13			1.16	1.5	3.96	2.11	3	3.85	3.44	4	3.78	3.96	5.5	3.63	4.22	5.5	3.50	5.56	7.5	3.36	6.22	7.5	3.10	6.74	7.5								
RSR 80	80A			1230	3.66	1.05	1.5	3.15	1.56	2.2	3.29	2.49	3	3.15	3.11	4	3.03	3.98	5.5	2.92	4.66	5.5	2.82	5.43	7.5	2.73	6.21	7.5	2.54	6.98	7.5	2.35	7.76	11
				1300	3.80	1.12	1.5	3.59	1.64	2.2	3.43	2.46	3	3.29	3.28	4	3.17	4.10	5.5	3.06	4.92	5.5	2.96	5.74	7.5	2.87	6.56	7.5	2.78	7.58	11	2.61	8.20	11
		1360	3.91	1.11	1.5	3.70	1.72	2.2	3.54	2.58	3	3.40	3.43	4	3.28	4.29	5.5	3.17	5.15	5.5	3.07	6.01	7.5	2.98	6.86	7.5	2.89	7.72	11	2.70	8.58	11		
		1460	4.26	1.19	1.5	4.05	2.17	3	3.88	3.10	4	3.75	3.99	5.5	3.63	4.61	5.5	3.52	5.53	7.5	3.32	6.45	7.5	3.23	7.47	11	3.04	8.29	11	2.81	9.21	11		
		1560	4.70	1.10	1.5	4.49	2.21	3	4.33	2.96	4	4.12	3.94	5.5	3.97	4.92	5.5	3.77	5.91	7.5	3.57	6.89	7.5	3.42	7.87	11	3.23	8.86	11	3.03	9.84	11		
		1650	4.60	1.56	2.2	4.48	2.29	3	4.34	3.13	4	4.24	4.17	5.5	4.15	5.51	7.5	4.03	6.25	7.5	3.68	7.59	11	3.55	8.33	11	3.40	9.37	11	3.09	10.50	15		
		1730	5.11	1.30	2.2	4.82	2.39	3	4.68	3.28	4	4.55	4.37	5.5	4.40	5.46	7.5	4.26	6.55	7.5	4.16	7.64	11	4.06	8.73	11	3.98	9.82	11	3.65	11.91	15		
		1820	5.51	1.58	2.2	5.30	2.95	4	5.13	3.98	5.5	5.00	4.59	5.5	4.88	5.74	7.5	4.77	6.89	7.5	4.47	8.04	11	4.28	9.18	11	4.09	10.83	15	3.92	11.48	15		
		1900	5.59	1.54	2.2	5.37	3.08	4	5.21	4.05	5.5	5.08	4.80	5.5	4.96	5.99	7.5	4.85	7.59	11	4.75	8.39	11	4.65	9.59	11	4.53	10.98	15	4.38	11.98	15		
		2100	6.28	2.25	3	6.07	3.41	4	5.91	4.48	5.5	5.77	5.52	7.5	5.65	7.51	11	5.54	7.95	11	5.44	9.27	11	5.35	10.95	15	5.26	12.92	15	5.18	13.24	15		
		2300	6.43	2.47	3	6.26	3.50	5.5	6.10	4.85	5.5	5.97	5.80	7.5	5.85	7.25	11	5.74	8.70	11	5.64	10.15	11	5.54	11.60	15	5.46	13.92	18.5	5.37	15.36	18.5		
		RSR 100	100A	1140	5.02	1.78	2.2	4.74	2.26	3	4.51	3.39	4	4.33	4.52	5.5	4.16	5.65	7.5	4.02	6.78	7.5	3.88	7.91	11	3.75	9.04	11						
1220	5.46			1.83	2.2	5.17	2.42	3	4.95	4.13	5.5	4.76	4.84	5.5	4.60	6.05	7.5	4.45	7.46	11	4.32	8.46	11	4.19	9.67	11								
1310	5.85			1.46	2.2	5.56	2.92	4	5.34	3.90	5.5	5.16	5.46	7.5	4.99	6.49	7.5	4.84	7.79	11	4.71	9.09	11	4.52	10.39	15								
1460	6.67			2.03	3	6.38	3.25	4	6.16	4.34	5.5	5.97	5.79	7.5	5.81	7.24	11	5.66	8.68	11	5.53	10.13	15	5.40	11.58	15								
1540	7.11			2.12	3	6.82	4.04	5.5	6.60	4.58	5.5	6.41	6.11	7.5	6.25	7.63	11	6.10	9.16	11	5.96	10.68	15	5.84	12.21	15								
1680	7.77			2.28	3	7.48	3.95	5.5	7.26	5.62	7.5	7.08	6.66	7.5	6.91	8.33	11	6.76	10.50	15	6.63	11.65	15	6.50	13.32	15								
1780	8.22			3.19	4	7.93	4.53	5.5	7.71	5.99	7.5	7.52	7.46	11	7.36	8.82	11	7.21	10.58	15	7.07	12.35	15	6.95	15.11	18.5								
1880	8.76			3.10	4	8.47	4.73	5.5	8.25	5.59	7.5	8.07	7.75	11	7.90	9.32	11	7.76	11.18	15	7.62	13.04	15	7.49	14.90	18.5								
1980	9.31			3.29	4	9.02	5.40	7.5	8.80	6.19	7.5	8.61	7.85	11	8.45	10.39	15	8.30	11.77	15	8.16	13.73	15	8.04	15.70	18.5								
2100	9.76			4.41	5.5	9.48	5.76	7.5	9.25	7.49	11	9.07	8.33	11	8.90	10.41	15	8.76	12.49	15	8.62	14.57	18.5	8.49	16.65	18.5								
2200	10.31			4.51	5.5	10.06	5.60	7.5	9.85	8.41	11	9.71	8.72	11	9.55	11.54	15	9.40	13.08	15	9.27	15.26	18.5	9.14	17.44	18.5								

RSR Series Roots Blower Performance Datasheet

Qs: Inlet Airflow (m³/min.) La: Blower Shaft Power(Kw) Po: Motor Power(Kw)

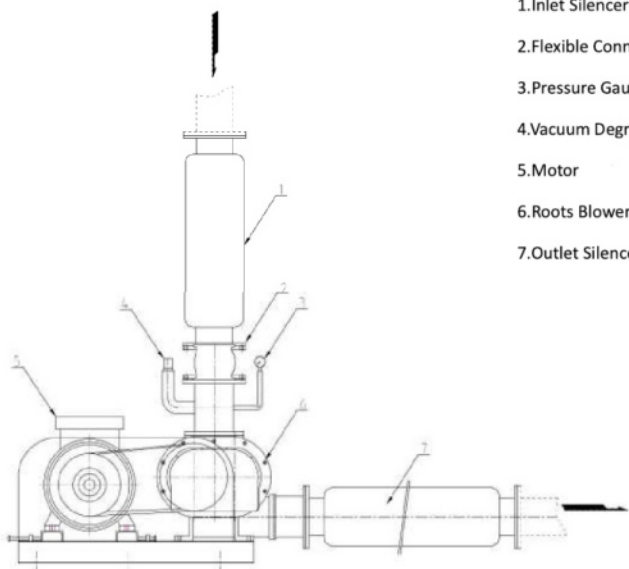
Model	Bore mm	RPM	Performance Datasheet																														
			9.8KPA			19.6KPA			29.4KPA			39.2KPA			49KPA			58.8KPA			68.6KPA			78.4KPA			88.2KPA			98KPA			
			Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	Qs	La	Po	
RSR 200H	200A	970	32.1	8.3	11	31.0	16.5	18.5	30.1	23.2	30	29.1	25.7	30	28.2	32.2	37	27.8	38.6	45	27.2	45.0	55	26.6	53.4	75	26.3	57.9	75	25.7	64.3	75	
		1170	39.9	10.6	15	38.7	18.6	22	37.7	27.9	37	36.8	35.8	45	36.0	38.8	45	35.4	46.5	55	34.7	54.3	75	34.4	62.0	75	33.8	69.8	90	33.5	77.5	90	
		1250	42.8	11.5	15	41.7	18.6	22	40.7	29.0	37	39.7	40.1	45	38.9	44.4	55	38.4	54.7	75	36.7	57.0	75	36.1	60.3	75	35.7	75.6	90	35.4	86.8	110	
		1350	46.5	11.1	15	45.3	23.1	30	44.4	30.8	37	43.7	41.8	45	42.7	44.7	55	42.2	53.7	75	41.6	62.6	75	41.1	74.6	90	40.6	80.5	90	40.3	89.5	110	
		1450	50.2	10.8	15	49.0	24.7	30	48.1	32.4	37	47.4	38.4	45	46.7	48.1	55	46.1	57.7	75	45.5	67.3	75	45.0	76.9	90	44.6	89.5	110	44.1	96.1	110	
RSR 200	200A	970	39.1	10.6	15	38.4	18.4	22	37.7	24.7	30	37.1	32.9	37	36.5	44.1	55	35.7	49.3	55	35.0	57.6	75	34.3	65.8	75	33.7	77.0	90	33.0	82.2	90	
		1150	46.8	14.7	18.5	45.9	21.7	30	45.4	29.0	37	45.0	38.6	45	44.1	48.2	55	43.5	57.9	75	43.1	67.5	75	42.6	77.2	90	42.1	86.8	110	41.0	96.5	110	
		1230	50.7	18.3	22	49.1	25.6	30	48.6	35.8	45	48.1	44.3	55	47.4	54.6	75	46.8	61.9	75	46.6	74.2	90	46.2	82.6	90	45.7	92.9	110	44.8	103.2	110	
		1390	55.5	18.3	22	55.2	28.2	37	54.9	41.0	45	54.5	54.5	75	54.0	68.3	75	53.6	74.0	90	53.1	81.6	90	52.9	93.3	110	52.5	105.0	110	52.0	116.6	132	
		1480	59.3	19.0	22	58.8	28.9	37	58.4	44.9	55	58.1	55.9	75	57.7	64.1	75	57.5	74.5	90	57.1	86.9	110	56.9	99.3	110	56.5	111.7	132	56.0	126.2	160	
RSR 250D	250A	970	50.0	18.6	22	47.8	21.2	30	45.9	31.7	37	44.8	43.3	55	43.8	53.9	75	42.8	63.5	75													
		1250	65.8	21.6	30	64.1	28.7	37	62.7	44.9	55	61.6	54.5	75	60.6	68.2	75	59.7	81.8	90	58.1	100.5	110	56.9	115.5	132							
		1450	77.9	23.8	30	76.1	37.5	45	74.4	47.4	55	73.2	63.3	75	72.3	79.1	90	71.5	94.9	110	70.2	117.2	132	69.0	133.9	160							
		1600	86.4	24.5	30	84.9	34.9	45	83.4	53.4	75	82.1	73.8	90	81.2	87.3	110	80.4	106.7	132													
		1750	95.3	38.2	45	93.7	43.4	55	92.2	57.3	75	90.6	76.3	90	89.7	95.4	110	89.3	114.5	132													
		1900	103.9	38.7	45	102.1	44.5	55	101.2	62.2	75	99.9	87.9	110																			
		2050	118.9	37.4	45	111.2	44.7	55	110.4	74.0	90	108.4	89.4	110																			
RSR 250	250A	980	65.8	32.7	37	62.9	48.0	55	61.9	60.0	75	61.1	70.6	75	60.3	81.1	90	59.5	87.0	110	58.9	93.3	110	57.9	106.6	132	57.0	120.0	132	56.4	133.3	160	
		1150	78.3	38.5	45	75.5	55.5	75	73.3	76.0	90	71.6	85.8	90	70.9	92.9	110	70.3	105.5	132	69.4	108.4	132	68.4	129.9	160	67.4	139.3	160	66.8	158.8	185	
		1250	85.8	41.9	55	82.9	60.3	75	80.7	82.6	90	78.8	93.2	110	77.1	103.7	110	75.6	113.6	132	74.2	127.8	160	73.4	134.6	160	72.5	159.5	185	71.7	168.3	185	
		1320	91.0	44.2	55	88.1	64.1	75	85.9	87.2	90	83.6	98.4	110	82.7	107.6	132	81.7	128.0	160	80.8	140.0	160	79.9	158.5	185	79.0	169.9	185	78.1	197.7	220	
		1450	100.6	48.6	55	97.7	74.2	90	95.5	95.8	110	93.6	108.1	132	91.9	117.1	132	90.4	134.0	160	89.0	159.7	185	87.7	168.2	185	86.4	176.7	200	85.2	205.2	220	
RSR 300	300A	980	92.5	36.7	45	90.1	61.1	75	89.1	77.5	90	88.1	89.6	110	87.1	108.2	132	86.0	122.0	132	85.1	134.6	160	84.1	169.3	185							
		1150	110.2	43.1	55	106.3	65.0	75	104.7	83.6	90	103.7	94.0	110	102.8	108.4	132	101.7	135.1	160	100.7	162.7	185	99.9	180.4	200	93.2	214.1	250	89.7	238.9	280	
		1250	120.5	46.9	55	116.7	77.1	90	113.7	97.9	110	111.0	113.1	132	109.8	132.5	160	108.6	156.5	185	107.2	183.6	200	105.8	200.5	220	102.6	232.4	280	100.0	258.6	280	
		1350	126.2	50.6	55	124.0	81.4	90	122.4	107.4	132	121.1	119.4	132	119.6	131.7	160	118.0	158.1	185	116.5	194.4	220	115.0	210.8	250	112.0	251.3	280	110.3	279.3	315	
		1450	141.3	56.3	75	137.4	92.8	110	134.5	113.5	132	131.5	131.2	160	130.0	153.7	185	128.5	194.5	220	126.9	215.2	250	125.4	231.5	280							
RSR 300C	300A	980	127.8	41.2	45	123.1	72.1	90	121.6	97.3	110	120.2	106.9	132	118.6	135.6	160	117.1	157.9	185													
		1170	154.7	50.4	55	150.0	85.9	110	146.4	108.4	132	143.4	127.5	160	140.7	155.5	185	138.6	183.6	200													
		1250	166.0	54.9	75	161.4	91.7	110	157.8	124.1	132	154.7	138.7	160	152.1	181.4	200	149.6	197.0	220													
		1360	181.6	59.7	75	176.7	99.8	110	173.4	135.0	160	170.3	155.5	185	167.7	195.3	220	165.2	220.0	250													
		1480	198.6	65.3	75	194.0	108.6	132	190.5	158.2	185	187.4	195.8	220	184.7	228.5	250	182.2	274.2	315													

Roots Blower Installation Sample



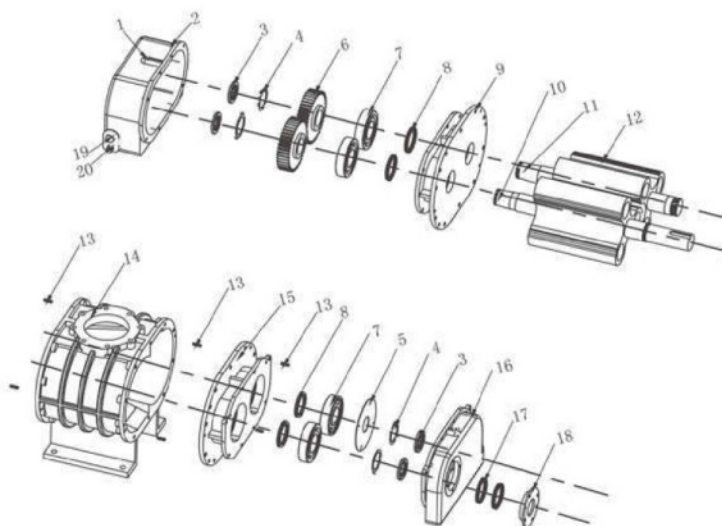
- 1.Inlet Silencer 2.Motor 3.Roots Blower 4.Safety Valve 5.Pressure Gauge 6.Flexible Connector
7.Outlet Silencer 8.Gatevalve 9.Empty Silencer 10.Empty Joint 11.Main Pipe 12.Check Valve

Vacuum Pump Installation Sample



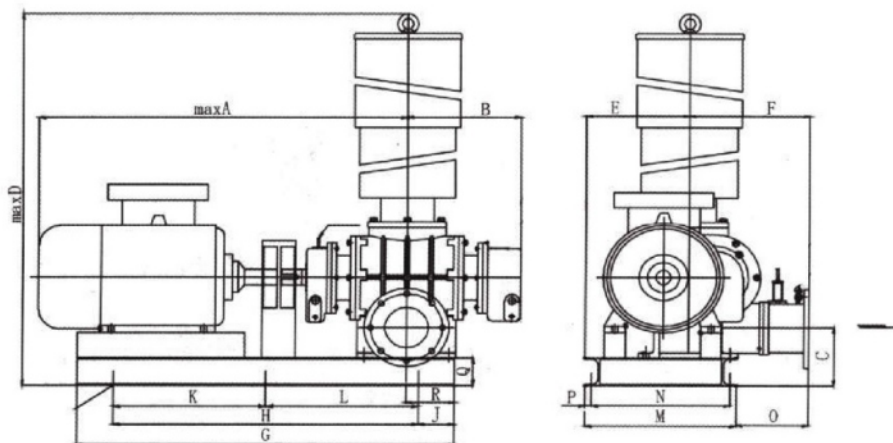
- 1.Inlet Silencer
2.Flexible Connector
3.Pressure Gauge
4.Vacuum Degree Valve
5.Motor
6.Roots Blower
7.Outlet Silencer

Roots Blower Structure



Parts Material Table

No.	Name	Material	QTY	No.	Name	Material	QTY
1	Lubrication Plug	A3	2	11	Driven Shaft	45#	1
2	Gear Case	HT250	1	12	Rotor	QT400	2
3	Lock Nut	A3	4	13	Positioning Pin	45#	6
4	Washer	A3	4	14	Casing	HT250	1
5	Oil Splash	A3	2	15	Drive Side Wall	HT250	1
6	Gear	20CrMnTi	2	16	Drop Tank	HT250	1
7	Bearing	SUJ2	4	17	Oil Seal	Nitrile Rubber	2
8	V-ring	Nitrile Rubber	4	18	Oil Tank Cap	HT250	1
9	Wall Plate	HT250	1	19	Oil Gauge	Organic Glass	2
10	Drive Shaft	45#	1	20	Purge Plug	A3	2

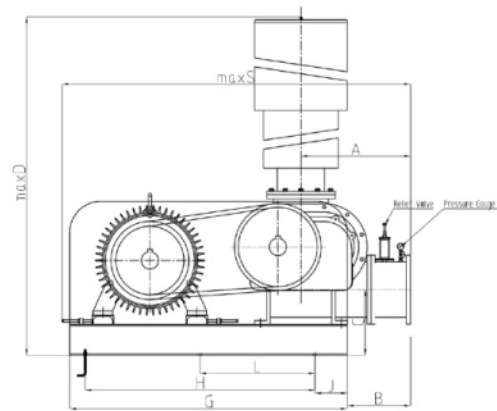
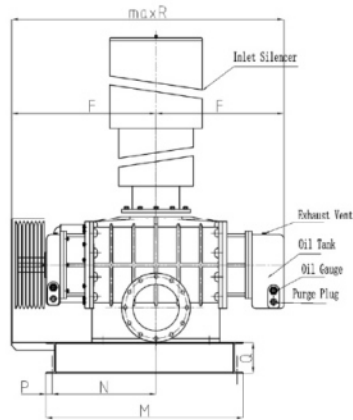


Model	Bore	A	B	C	D	E	F	G	H	J
RSR-50	50A	696	201	125	895	160	255	580	420	80
RSR-65	65A	756	221	135	950	200	255	600	440	80
RSR-80	80A	926	240	150	1250	265	290	820	500	160
RSR-100	100A	996	280	160	1320	295	290	880	630	125
RSR-125	125A	1077	290	185	1450	285	345	1000	710	145
RSR-150C	150A	1250	356	210	1730	350	400	1250	1010	120
RSR-150A	150A	1382	318	210	1730	335	400	1250	1010	120
RSR-150	150A	1439	375	210	1730	335	400	1250	1010	120
RSR-175A	150A	1482	418	210	1730	335	400	1500	1010	200
RSR-175	150A	1595	463	210	1800	410	410	1700	700	150
RSR-200H	200A	1739	463	250	2200	435	500	1700	1400	150
RSR-200	200A	1791	515	250	2200	435	500	1700	1400	150
RSR-250D	250A	1866	590	360	2240	435	500	2000	1800	100
RSR-250	250A	1800	580	360	2400	600	710	1700	1400	150
RSR-300	300A	1900	670	385	2780	650	710	1900	1600	150

Mode	Bore	L	M	Nd	Ns	P	Q	n-Φl	R	S	Weight(kg)
RSR-50	50A	—	300	130	166	15	80	4-Φ14	490	730	132
RSR-65	65A	—	340	150	186	15	80	4-Φ14	530	780	173
RSR-80	80A	—	360	150	205	15	80	4-Φ18	690	970	245
RSR-100	100A	—	470	190	245	15	80	4-Φ18	720	1000	334
RSR-125	125A	350	500	180	240	20	100	6-Φ18	790	1230	451
RSR-150C	150A	350	590	250	—	20	100	6-Φ18	850	1300	506
RSR-150A	150 A	375	590	195	268	20	100	6-Φ18	1070	1350	805
RSR-150	150A	375	590	250	325	20	100	6-Φ18	1070	1350	777
RSR-175A	150 A	375	755	295	368	20	100	6-Φ18	1075	1350	860
RSR-175	150A	375	755	340	—	20	100	6-Φ18	1000	1350	860
RSR-200H	200A	500	755	300	373	25	120	6-Φ20	1290	1765	1324
RSR-200	200A	500	755	355	425	25	120	6-Φ20	1290	1765	1489
RSR-250D	250A	500	950	430	500	30	160	6-Φ22	1295	2010	2152
RSR-250	250A	745	875	385	485	30	160	6-Φ22	1320	2380	2978
RSR-300	300A	745	1080	420	580	30	160	6-Φ22	1550	2960	3310

Note: Ed, Nd for Single Oil Tank, Es, Ns for Double Oil Tank.

The weights not include the motor.



Model	Bore	A	B	C	D	Ed	Es	F	G	H	J
RSR-50	50A	255	165	120	895	225	260	201	560	410	100
RSR-65	65A	255	165	130	950	243	280	221	600	450	100
RSR-80	80A	290	205	150	1250	245	300	240	750	500	100
RSR-100	100A	290	205	160	1320	285	340	280	800	580	100
RSR-125	125A	345	215	185	1450	290	356	290	910	700	110
RSR-150C	150A	360	220	210	1650	369	—	356	1010	700	110
RSR-150A	150A	400	240	210	1730	335	400	300	1050	750	160
RSR-150	150A	400	240	210	1730	390	450	375	1050	750	160
RSR-175A	150A	400	240	210	1730	432	500	418	1050	750	160
RSR-175	150 A	400	250	210	1665	477	—	463	1050	750	160
RSR-200H	200A	500	285	250	2200	485	555	465	1280	1000	180
RSR-200	200A	500	285	250	2200	536	605	515	1330	1000	180
RSR-250D	250A	500	285	360	2240	611	680	590	1500	1000	215
RSR-250	250A	710	370	360	2400	575	640	580	1800	1490	210
RSR-300	300A	710	420	385	2780	655	775	670	1800	1490	210

Mode	Bore	L	M	Nd	Ns	P	Q	n-Φl	R	S	Weight(kg)
RSR-50	50A	—	300	130	166	15	80	4-Φ14	490	730	132
RSR-65	65A	—	340	150	186	15	80	4-Φ14	530	780	173
RSR-80	80A	—	360	150	205	15	80	4-Φ18	690	970	245
RSR-100	100A	—	470	190	245	15	80	4-Φ18	720	1000	334
RSR-125	125A	350	500	180	240	20	100	6-Φ18	790	1230	451
RSR-150C	150A	350	590	250	—	20	100	6-Φ18	850	1300	506
RSR-150A	150A	375	590	195	268	20	100	6-Φ18	1070	1350	805
RSR-150	150A	375	590	250	325	20	100	6-Φ18	1070	1350	777
RSR-175A	150A	375	755	295	368	20	100	6-Φ18	1075	1350	860
RSR-175	150A	375	755	340	—	20	100	6-Φ18	1000	1350	860
RSR-200H	200A	500	755	300	373	25	120	6-Φ20	1290	1765	1324
RSR-200	200A	500	755	355	425	25	120	6-Φ20	1290	1765	1489
RSR-250D	250A	500	950	430	500	30	160	6-Φ22	1295	2010	2152
RSR-250	250A	745	875	385	485	30	160	6-Φ22	1320	2380	2978
RSR-300	300A	745	1080	420	580	30	160	6-Φ22	1550	2960	3310

Note: Ed, Nd for Single Oil Tank, Es, Ns for Double Oil Tank.

The weights not include the motor.

