

Passion·Innovation·Solution 激情 · 創新 · 解決

銷售已遍及亞洲、非洲、歐洲、南美洲及加拿大和美國



■ 单位换算表 / Unite conversion table

From \ TO	Pa(N/m ²)	Torr(mmHg)	atm	mbar	psi(bf/in ²)	kgf/cm ²	mH ₂ O(15 [°])
1Pa(N/m ²)	1	7.50×10 ⁻³	9.87×10 ⁻⁶	10 ⁻²	1.45×10 ⁻⁴	1.02×10 ⁻⁵	1.02×10 ⁻⁴
1Torr(mmHg)	133.32	1	1.316×10 ⁻³	1.33	1.93×10 ⁻²	1.359×10 ⁻³	1.36×10 ⁻²
1 atm	1.013×10 ⁵	760	1	1.013×10 ³	14.696	1.033	10.34
1mbar	100	0.750	9.87×10 ⁻⁴	1	1.45×10 ⁻²	1.02×10 ⁻³	10.206×10 ⁻³
1psi(bf/in ²)	6.89×10 ³	51.71	6.8×10 ⁻²	68.9	1	7.031×10 ⁻²	0.703
1 kgf/cm ²	9.8×10 ⁴	735.56	0.968	9.81×10 ⁻²	14.223	1	10
1mH ₂ O	9.8×10 ³	73.49	9.68×10 ⁻²	98.0	1.421	0.1	1

上岡實業有限公司

Sun Kang Industrial Co., Ltd.

地址: 臺灣省新北市新店區中正路542-2號 6F(遠東A、B、C工業區)
ADD: 6F No.542-2 Chung Cheng Rd, Shin-Tien district, New Taipei City, Taiwan
TEL: 886(02)2218-7801 FAX: 886(02)-2218-8491
E-mail: info@eurovacpumps.com
http://www.eurovacpump.com

南京上崗科技有限公司

Nan-Jing Upjohn Technology Corp.

地址: 南京市溧水區和鳳鎮鳳翔路11號
電話: 18970527807 13316122006
E-mail: sunkang_wang@hotmail.com
http://www.eurovacpump.com

江西上崗科技有限公司

Jiang-Xi Upjohn Technology Corp.

地址: 江西省宜春市宜豐縣(宜豐工業園)
電話: 86 (0795) 290-0561 傳真: 86 (0795) 290-0568
E-mail: upjohn@126.com
http://www.eurovacpump.com

東莞辦事處

電話: (0769) 8562-2551-3
傳真: (0769) 8561-9916
E-mail: upjohn.e@163.com

諸城辦事處

電話: (0536) 608-9096
傳真: (0536) 608-7006
E-mail: upjohn2@126.com

發行日期: 2020-12-01

EUROVAC

vacuum pumps & system

www.eurovacpump.com

中德
技術合作



請掃二維碼登錄公司網站

油式真空泵
Rotary vane vacuum pumps, Oil-lubricated

無油式真空泵
Rotary vane vacuum pumps. Oil-free

真空中央系統
Central vacuum system

臺灣
獨資

上岡
集團

上岡實業有限公司
Sun Kang Industrial Co., Ltd.



E 企業簡介 Enterprise Introduction



會議室



國外業務



國內業務

江西上崗科技有限公司是一家臺商獨資企業，其總公司為創建於1979年的臺灣-臺北上岡實業有限公司。

江西上崗科技有限公司是集真空泵、真空系統及配件研發，生產，銷售和售後服務於一體的高新技術企業，現有土地面積近72,000平方米，員工120餘人主要生產製造無油式真空泵・油循環式真空泵和各種真空系統工程等設備，公司四十年來一直不懈地追求完美的產品品質，已經在印刷、電子、包裝、醫藥器械、制鞋等行業獲得臺灣、東南亞及全世界的良好口碑。公司的研發部門還專門從歐洲聘請具有豐富專業知識的機械技術人員，依靠完整的研發團隊，已經將 **EUROVAC** “歐樂霸” 真空泵導入尖端產品行列。

客戶的滿意一直是上崗科技的原則，客戶的利益和需求是上崗科技最大的責任與期望，公司特別重視產品品質的提升，為使泵浦製造過程更精密，更完善，產品更具競爭力，上崗科技在品保方面投入了大筆資金，並且採購了很多新型的高精度檢測儀器，目的就是使上崗科技生產出來的真空泵能夠成為品質的保證。除此之外，我們的產品從進料到成品都採用規格化的管理，以達品質穩定的要求。上崗科技在全體人員的不懈努力下，不斷地提升研發與製造技術層次與水準，其產品在國際間深獲好評，不斷地提升國際市場的占有率。目前我們的產品已行銷世界各地，在各地區都深獲使用者的滿意與推崇。

上崗科技的規模不斷壯大，目前在國內的上海、東莞、山東都設有分公司，並且在不斷擴增中…同時國外預計在意大利、英國等國成立歐美路綫總倉儲與辦事處，其用意就是使我們的產品行銷更廣泛，服務更週到。為了讓上崗科技製造的泵浦可以行銷到世界各地，我們有專業的行銷及售後服務人員，為每一位客戶提供專業與親切的服務，客戶至上與品質第一永遠是上崗科技業務部門的服務宗旨。

EUROVAC

vacuum pumps & system



R1.630~1600



VE10~40



KVE 60~160



KVE250



R1.063~100



R1.302

UpJohn Technology Co., Ltd is a Taiwan-owned enterprise, its head office is SunKang Industrial Co., Ltd which created in 1979. The Company owns 72,000 square meter land, and 120 staff members, mainly produces Oil-free vacuum pump, oil-lubricated vacuum pump and vacuum equipment system etc.

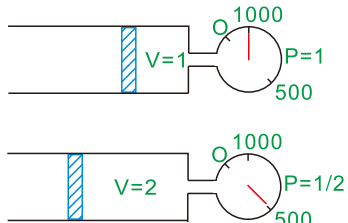
UpJohn Technology Co., Ltd has dedicated in vacuum pump, vacuum system R & D, production and sales over 40 years, and also has been making sustained efforts to pursue perfect product's quality. We have hit a good reputation in print, electronic, packaging, medical equipment, foot wear and other industries in Taiwan, Southeast Asian America, Canada, Poland, LAE Russia and all around the world. In our R & D department, we have specially appointed mechanical and technology specialists from Europe who have rich professional knowledge and experience. Our complete R & D team innovates the cutting-edge products.

Customer's satisfaction has always been our principle. To meet customer's demand is UpJohn technology's greatest responsibility and expectation, so we pay special attention to enhance product's quality. In order to make our pump production process more accurate and perfect, and make our products more competitive, UpJohn technology has been spending so much in purchasing of precise measurement equipments. The vacuum pumps produced by UpJohn technology are always the guarantee of quality. In addition, in order to attain vacuum pumps' quality and stability, our production process from raw material to final product managed by standardized rules. By all UpJohn technology staffs' efforts, we continuously enhance the manufacturing technologies and standards of R & D. Our products have received well international recognition, and have been gradually increasing the share in international markets. Now our products are sold around the world. In various regions our products have got users' satisfaction and respect. UpJohn technology's scale is growing continuously. Now, we have set branches in Shanghai, Dongguan, Shandong and USA and more are in our plan. Meanwhile, we plan to set the branches in Italy, Great Britain, where we can sell our all products to Europe, South America and Europe. So we can sell our products around the world, and serve the users around the world. In order to make it, we have professional marketing personnel, who provide professional and friendly service to each client. Customer oriented and friendly service is the objective of UpJohn technology business sector.

Mariotte law

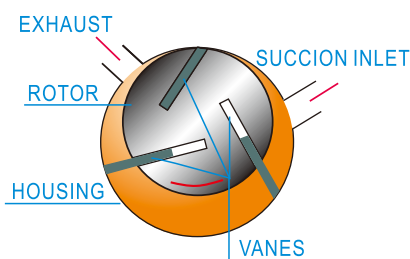
If the volume of a given quantity of gas is Increasing, its pressure decreases.

$$P \cdot V = C \text{ste}$$



This method can be used to produce a Vacuum. In the following chapter we are going to talk about the "vacuum generator" of a 3 vanes rotary vacuum pump and the "oil casing" necessary in rough vacuum pumps

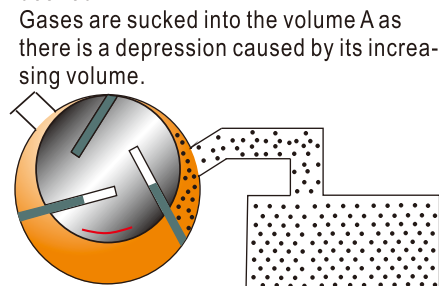
Vacuum Generator



An eccentric rotor turns in a housing (stator) equipped with an inlet and an outlet with exhaust valve. 3 vanes, sliding in the rotor and forced against the housing, divide the space in three compartments of variable volume.

Gas pumping

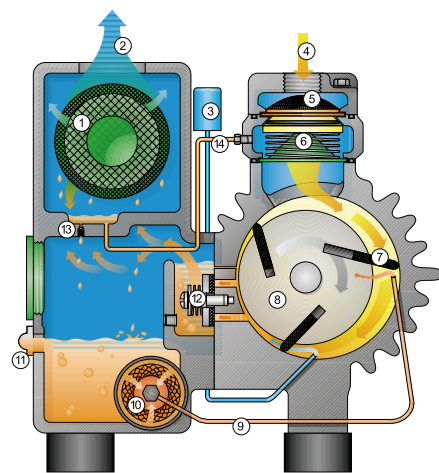
Phase 1- The volume A is in communication with a vessel in which vacuum is desired. Gases are sucked into the volume A as there is a depression caused by its increasing volume.



This is the **Suction phase**

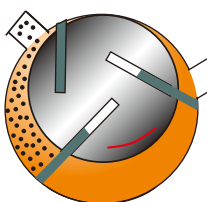
● **Phase 2-** The volume A is isolated from the vessel and the outlet. The volume A decreasing, a compression of gases occurs.

This is the **Compression phase**



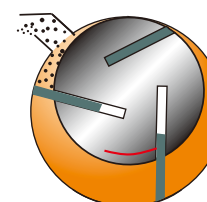
1. ExHaust
2. Oil Mist Filter
3. GAS Valve
4. Inlet
5. Inlet Check Valve
6. Inlet Check Complete Set
7. Vane
8. Rotor
9. Oil For Lubrication
10. Oil Filter
11. Oil Sight Glass
12. Exhaust Check Valve
13. Oil Return Line
14. Oil Return Back

● **Phase 3-** The volume A is in communication with the outlet. The volume is still decreasing and we have an overpressure, which is not enough to open the exhaust valve.



This is the **Overpressure phase**

Phase 4- The volume A is still decreasing and pressure reaches atmospheric pressure. The exhaust valve opens and the gas is exhausted.

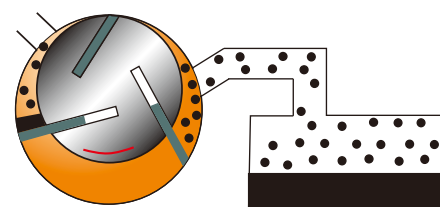


This is the **Exhaust phase**

Pumping condensable vapours

Note: At a given temperature vapours can be only compressed up to saturation pressure. For example at 70°C (working temperature of the SOGEVAC pumps) the saturation pressure of water is 320 mbar; this means that water vapours can be compressed up to 320 mbar, after which water begins to condense. In a vessel containing water, the air is rapidly pumped out the pressure in vessel is the one of water vapour.

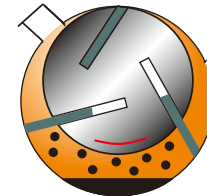
● **Phase 1-** The volume A is in communication with the vessel, and the volume increasing, suction of vapours occurs



This is the **Suction phase**

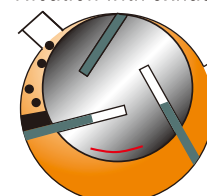
● **Phase 2-** volume A is isolated from the vessel and exhaust outlet. The volume A decreases and vapours are compressed.

but as pressure during this phase is generally over 320 mbar condensation begins.



There is no compression but **Condensation**.

● **Phase 3-** The volume A is in communication with exhaust outlet and pressure does not exceed 320 mbar. water stays in the pump under liquid phase and mixes with oil.



Consequently: water from an emulsion with oil which loses its lubrication qualities. the oil filter can clog and pump can be damaged.

Conclusion: Vapours cannot be pumped. To prevent this problem a **Gas Ballast Valve** must be used.

金屬工業

金屬的蒸餾、脫氣、烘烤、燒結鑄造、溶解(電弧爐及其他)熔接(電子束等)淬火表面處理、鍍鐵

Metal Industry

Degassing and melting of iron alloys, and melting and refinement of precious metals, soluble metals, and refractory metals, superfine metallic particles.

建築業

混凝土的脫水粉狀體、液體的輸送
Architecture
drying of concrete transport of dust and liquid

其他

低溫工業、宇宙開發
醫療器械家庭用(震動)
真空成型印刷機械
真空吸附

Other Industries

Low temperature industry space science medicine industry vacuum forming print machine vacuum suction

食品工業

乾燥、蒸餾、濃縮、脫氣蔬菜的真空冷卻、真空包裝
Food Industry
freezing, drying and vacuum-freezing and storing of vegetables, fruit and others

電力工業

脫氣、烘烤蒸餾、乾燥、含濕
Electric Industry
drying and oil impregnation into transformers and cables, distilling of insulation oils.

原子能工業

材料製造、查漏核合成(等離子體)放射線探測器
Nuclear Power Industry
refinement of high-purity materials, including fuel or containers, surface treatment, nuclear fusion experimental reactors

能源

真空蒸餾、太陽能電池加速機、絕熱玻璃真空冶金、太陽能真空吸熱管
Energy
vacuum plating, solar cells accelerators, insulation glass vacuum metallurgy solar vacuum heat absorption tube

物理學機器工業

電子顯微鏡、表面分析器質量分析器、粒子加速器

Physical Science Industry
electron microscopes, surface analyses quality analyses, particle accelerators and others

真空技術應用領域

Applicable Industries of Vacuum Technology

真空技術
EUROVAC
Vacuum Technology

汽車工業

熱處理、淬火真空蒸餾、陰極真空噴鍍
Vehicles Industry
Refinement/welding of crankshafts, and brazing on engines, radiators and others, automatic navigation systems.

化學、纖維、藥品

油脂、油脂可塑劑蒸餾、脫氣脫臭、脫水、纖維蒸餾藥品的冷凍乾燥
Chemical Industry
distillation and refinement of high-molecular material sand drying of plastic pellets.

電子工業

真空烘烤、電子管TV管電燈、LSI光學IC、
Electronics Industry
film formation processes on recording media of various display units, sensors, magnetic heads, resistor capacitors, and others.

光學工業

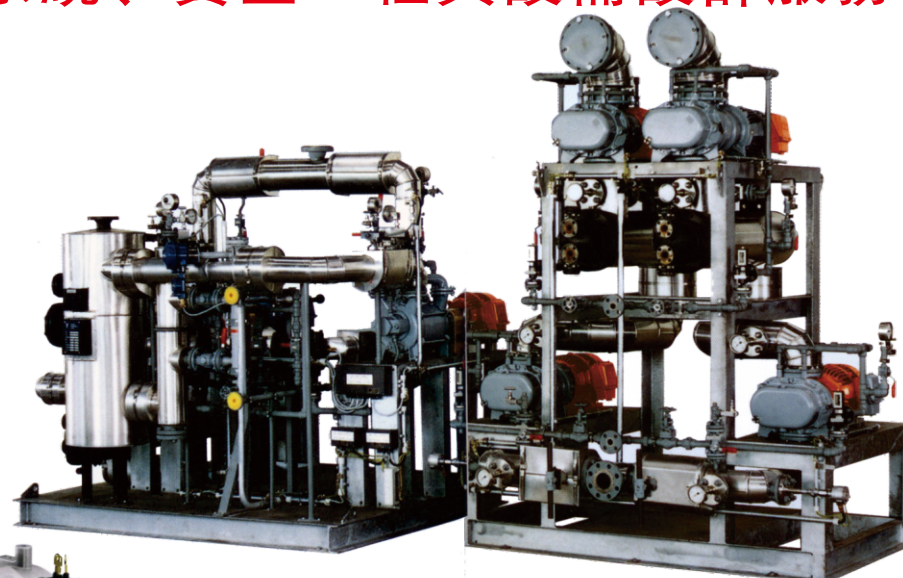
光學鏡、半透鏡分光器、復印機高溫顯微鏡
Optical Industry
transparency-upgrading interference filters for lenses, photo electronic elements, and others.

Engineered Vacuum Systems ...customised solutions

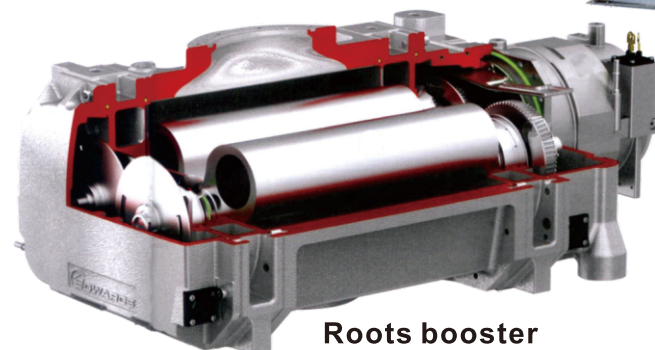
本公司提供免費真空系統、真空工程與設備設計服務



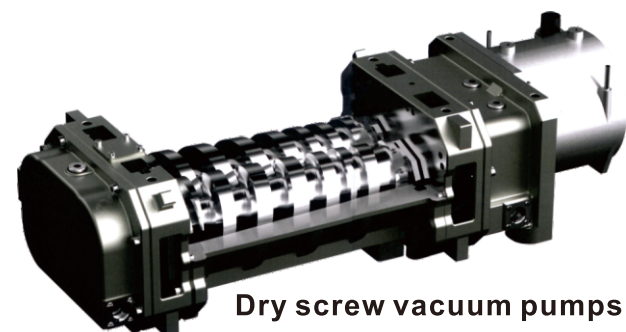
Horizontal style vacuum system



Vacuum pump system



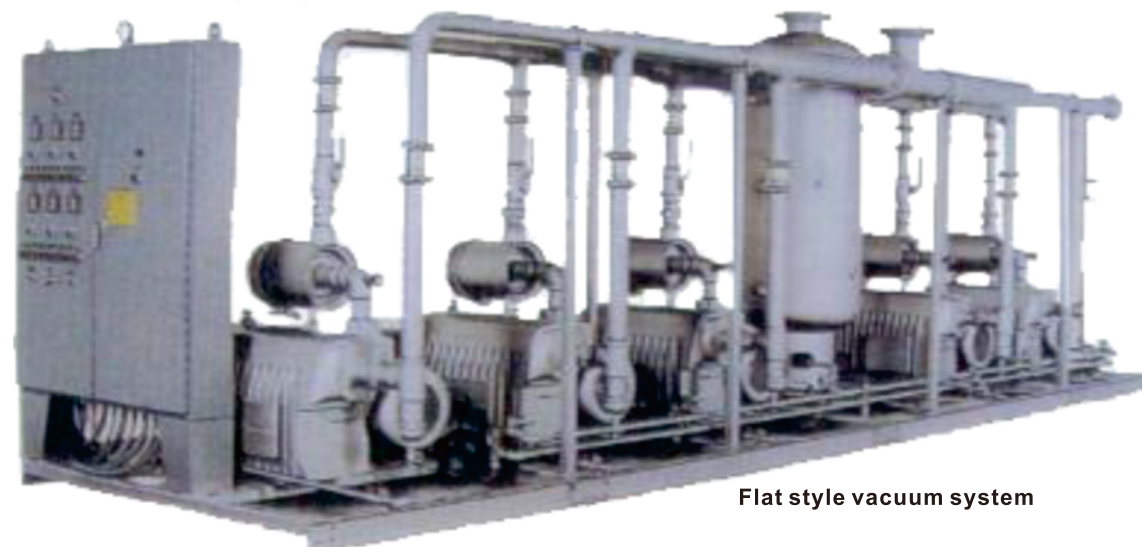
Roots booster



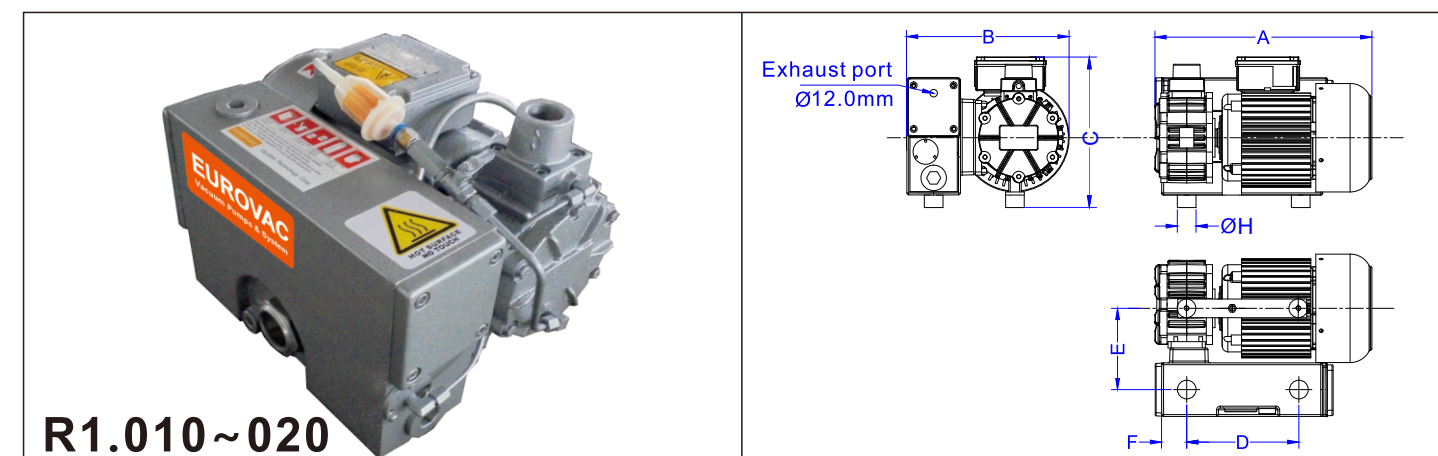
Dry screw vacuum pumps



Vacuum pump system



Flat style vacuum system



R1.010~020

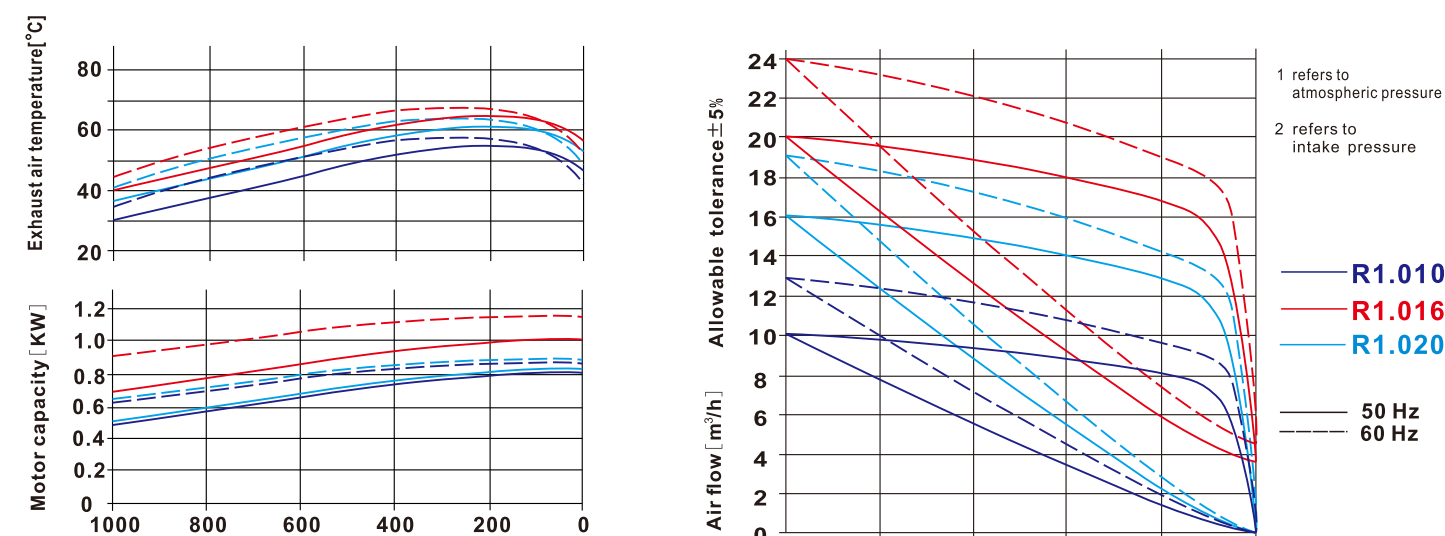
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor power 馬達功率(kw)				Vacuum 真空度(mbar)			Speed 馬達轉速(RPM ⁻¹)				Noise Level 噪音值 [dB(A)]	Fill Oil 注油量(L)	Weight 重量(kg)	Inch Suct Port 入口口徑
			Three-phase 三相馬達		Single-phase 單相馬達					Three-phase 三相馬達		Single-phase 單相馬達					
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	RA	RB	RC	50Hz	60Hz	50Hz	60Hz				
R1.010	10	12	0.37	0.44	0.37	0.44	0.5	2.0	20	1420	1700	1420	1700	61	0.8	24	3/4
R1.016	16	19.2	0.55	0.66	0.75	0.90	0.5	2.0	20	1420	1700	1420	1700	61	0.8	27.5	3/4
R1.020	20	24	0.75	0.90	0.75	0.90	0.5	2.0	20	1420	1700	1420	1700	61	0.8	29	3/4

安裝尺寸-Mounting Dimensions

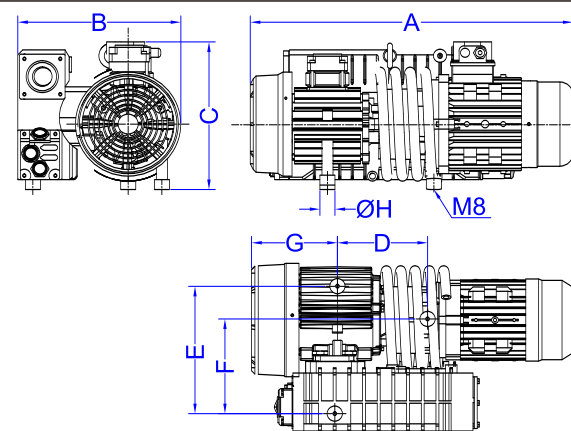
Type	A	B	C	D	E	F	H
R1.010	320	280	250	180	139	40	30
R1.016	366	280	265	180	129.5	40	30
R1.020	366	280	265	180	129.5	40	30

性能曲綫-Performance Data





R1.025~040



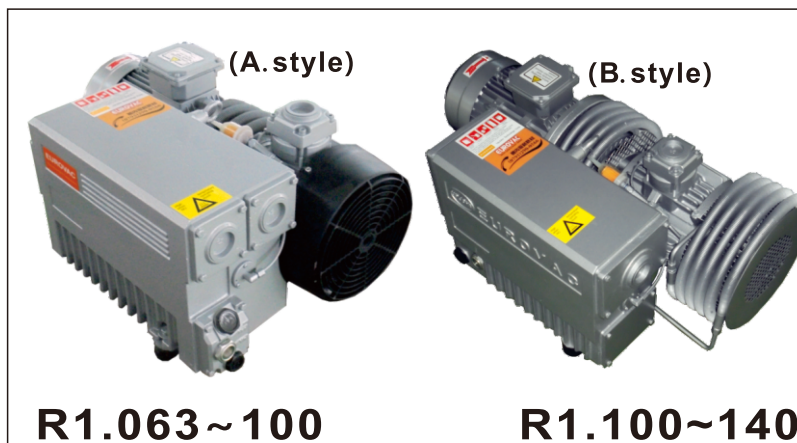
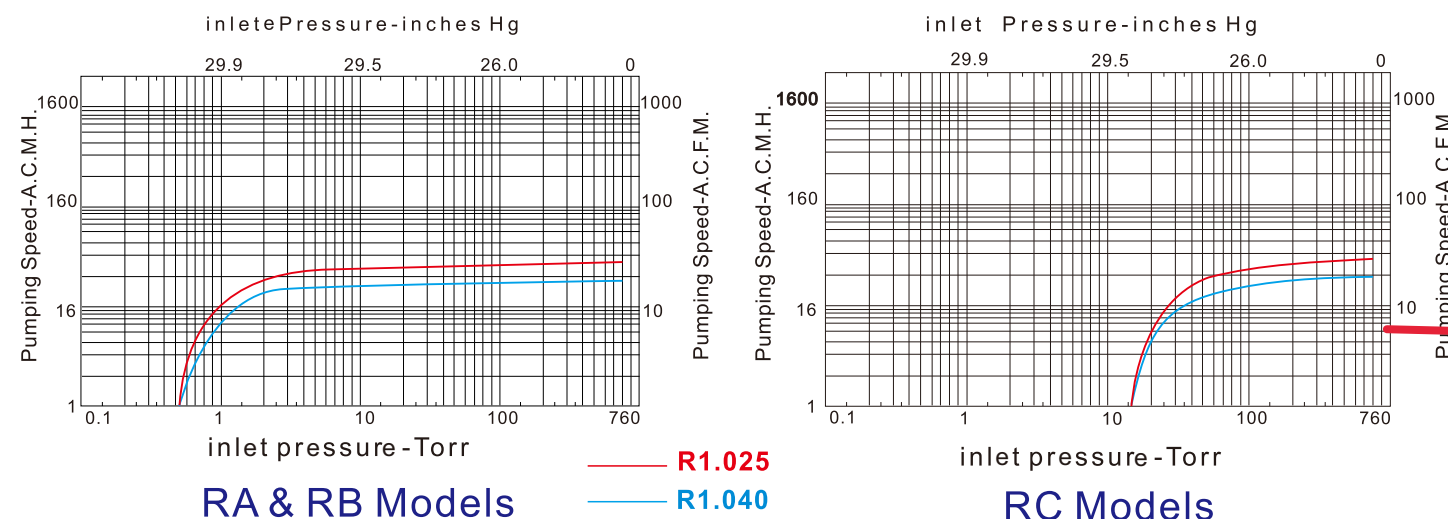
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor power 馬達功率(kw)				Vacuum 真空度(mbar)			Speed 馬達轉速(RPM ⁻¹)				Noise Level 噪音值 [dB(A)]	Fill Oil 注油量(L)	Weight 重量(kg)	Inch Suction Port 入口口徑(G")
			Three-phase 三相馬達		Single-phase 單相馬達					Three-phase 三相馬達		Single-phase 單相馬達					
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	RA	RB	RC	50Hz	60Hz	50Hz	60Hz				
R1.025	25	30	0.9	1.1	0.9	1.1	0.5	2	20	1420	1710	1420	1710	67	1	36	1-1/4
R1.040	40	48	1.5	1.8	1.5	1.8	0.5	2	20	1420	1710	1420	1710	67	1	46	1-1/4

安裝尺寸-Mounting Dimensions

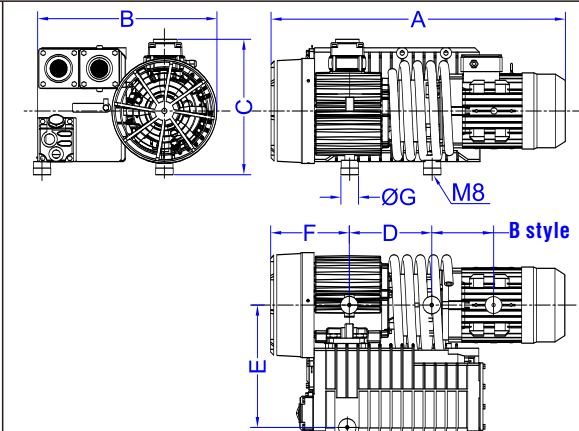
Type	A	B	C	D	E	F	G	H
R1.025	590	282	263	308.5	230	159	132	30
R1.040	648	308	269	325	230	159	161	30

性能曲綫-Performance Data



R1.063~100

R1.100~140



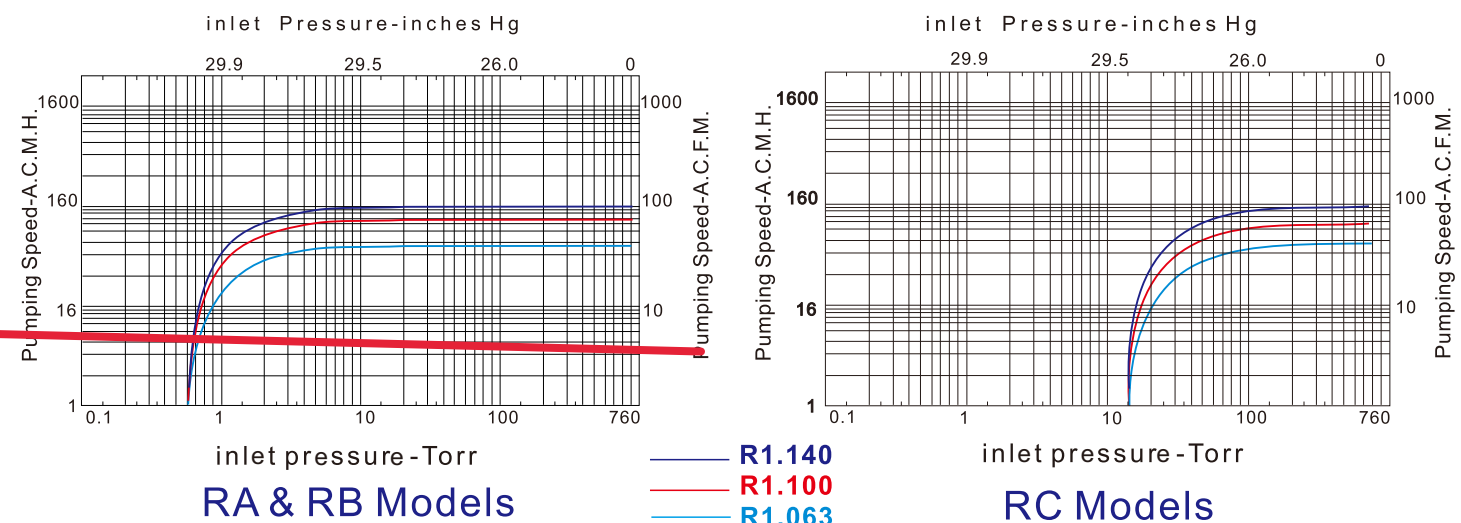
技術資料-Technical Data

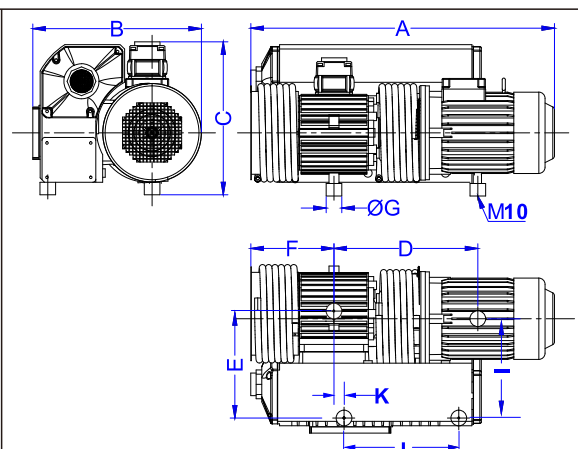
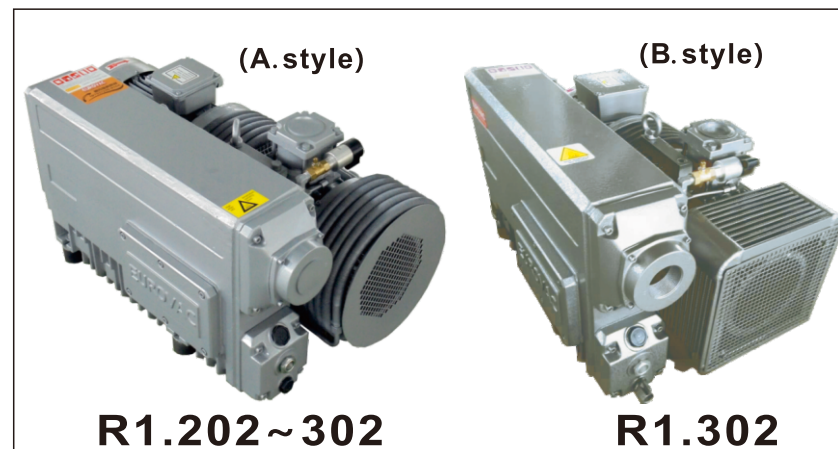
Type 型號	Air flow 排氣量 (m³/h)		Vacuum 真空度(mbar)			Motor power 馬達功率(kw)		Speed 馬達轉速(RPM ⁻¹)		Noise Level 噪音值[dB(A)]	Fill Oil 注油量(L)	Weight 重量(kg)	Inch Suction Port 入口口徑(G")
	50Hz	60Hz	RA	RB	RC	50Hz	60Hz	50Hz	60Hz				
R1.063	60	72	0.5	2	20	2.2	2.6	1425	1710	69	2	52	1-1/4
R1.100	100	120	0.5	2	20	3.0	3.6	1425	1710	71	2	70	1-1/4
R1.140	140	168	0.5	2	20	4.0	4.8	1425	1710	71	2	90	1-1/2

安裝尺寸-Mounting Dimensions

Type	A	B	C	D	E	F	G
R1.063	661.5	421	297	324/339.5	277	139	30
R1.100 (A style)	718	420	294	352/367.5	277	165	30
R1.140 (B style)	780	435	335	394.5/397.5	265	220	30

性能曲綫-Performance Data





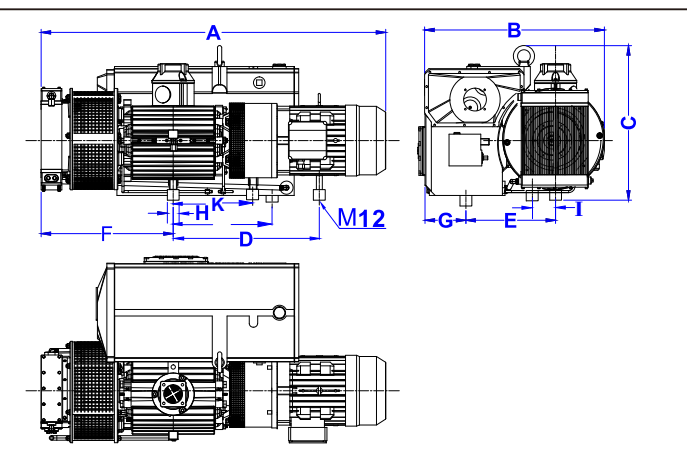
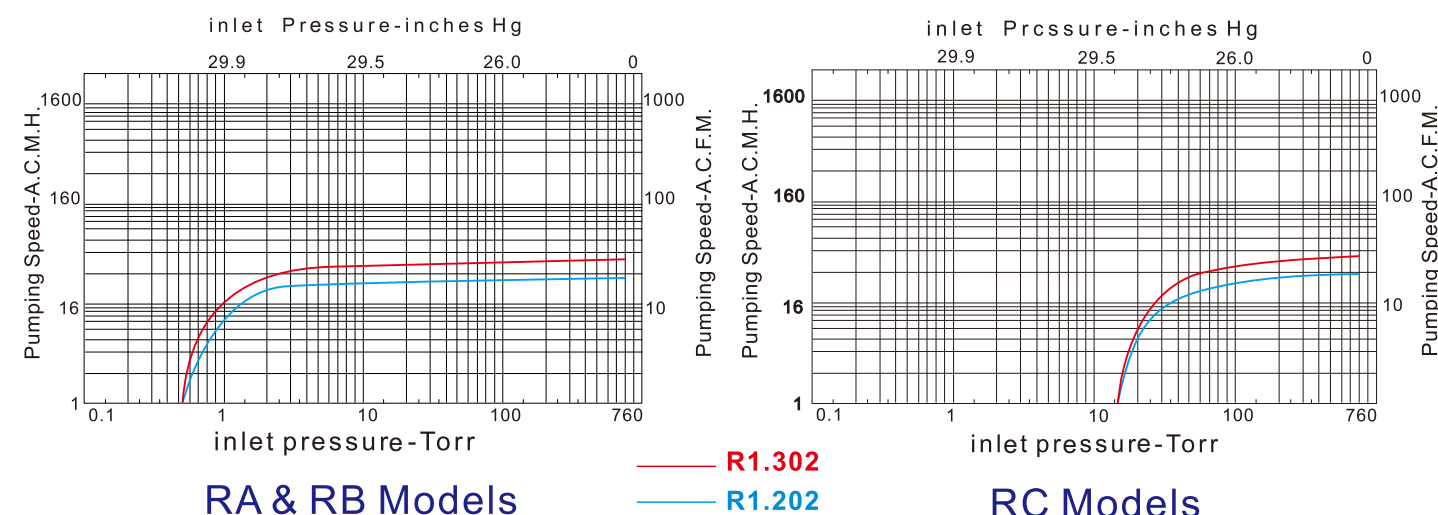
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m ³ /h)		Vacuum 真空度(mbar)			Motor power 馬達功率(kw)		Speed 馬達轉速(RPM ⁻¹)		Noise Level 噪音值[dB(A)]	Fill Oil 注油量(L)	Weight 重量 (kg)	Inch Suction Port 入口口徑(G")
	50Hz	60Hz	RA	RB	RC	50Hz	60Hz	50Hz	60Hz				
R1.202	200	240	0.5	2	20	5.5	6.6	1440	1728	74	5	136	2
R1.302	300	360	0.5	2	20	7.5	9.0	1440	1728	76	7	177	2

安裝尺寸-Mounting Dimensions

Type	A	B	C	D	E	F	G	I	J	K
R1.202 (A style)	880/904	495	414	443/467	320	227	50	298	388	40
R1.302 (A style)	962/986	563	420	495/519	360	238	50	329	388	0
R1.202 (B style)	880	520	405	467	328	240	50	298	388	40
R1.302 (B style)	1000	540	410	520	390	280	50	360	385	40

性能曲綫-Performance Data



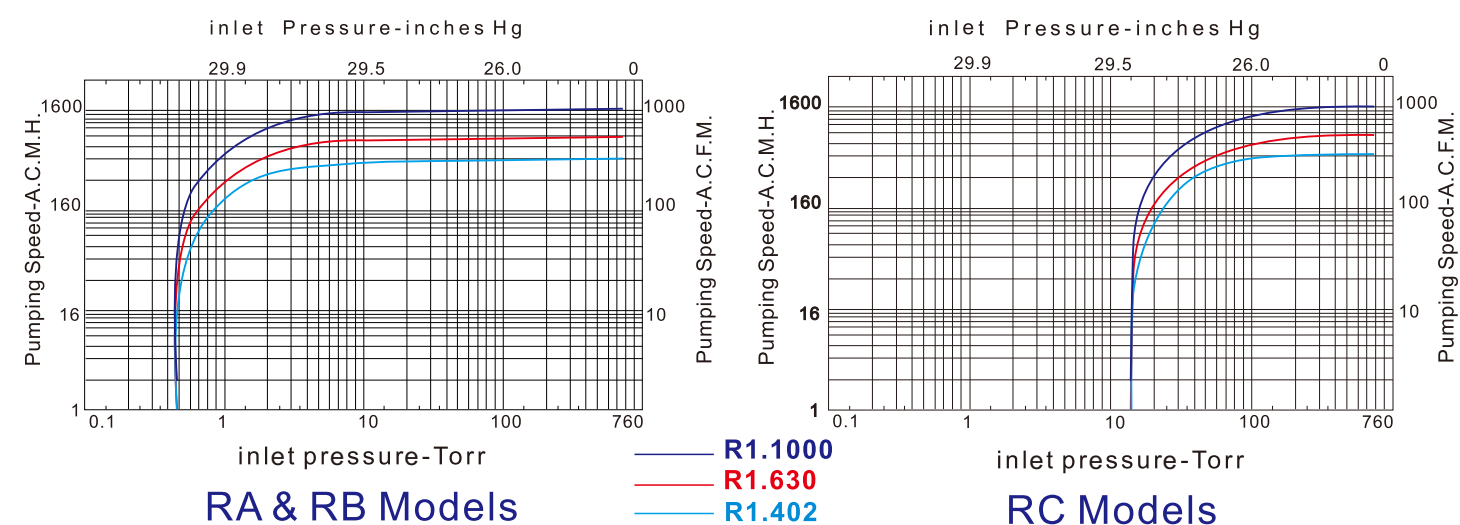
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m ³ /h)		Vacuum 真空度(mbar)			Motor power 馬達功率(kw)		Speed 馬達轉速(RPM ⁻¹)		Noise Level 噪音值[dB(A)]	Fill Oil 注油量(L)	Weight 重量 (kg)	Inch Suction Port 入口口徑(G")
	50Hz	60Hz	RA	RB	RC	50Hz	60Hz	50Hz	60Hz				
R1.402	400	480	0.5	2	20	11	15	960	1160	82	14	435	3
R1.630	630	756	0.5	2	20	15	18.5	960	1160	82	16	550	3
R1.1000	1000	1200	0.5	2	20	25	30	960	1160	82	42	980	4
R1.1600	1600	1920	0.5	2	20	30	37	960	1160	83	42	1020	4

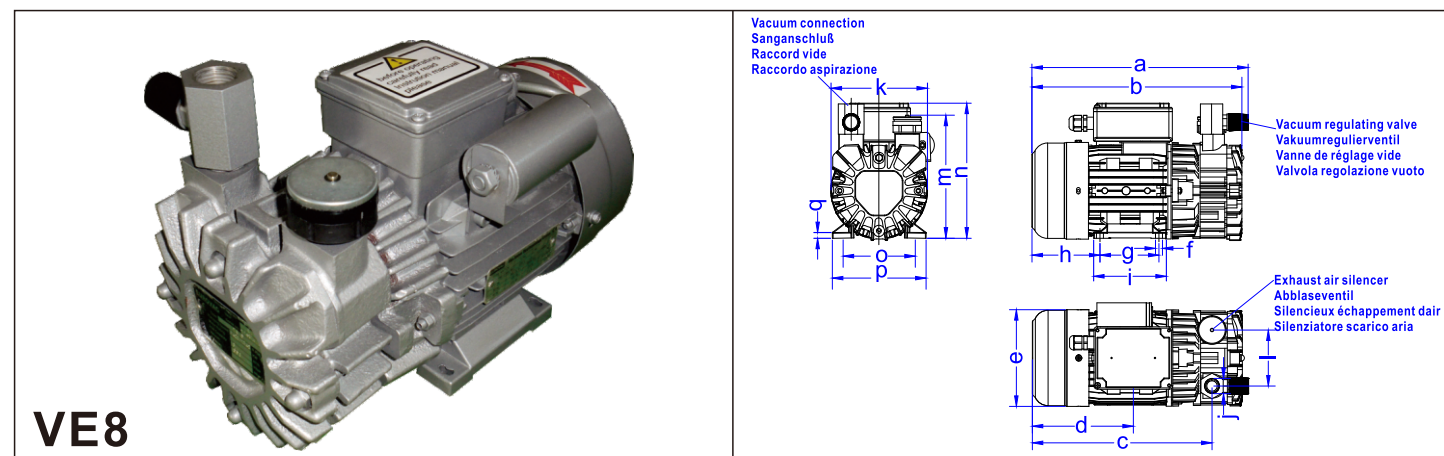
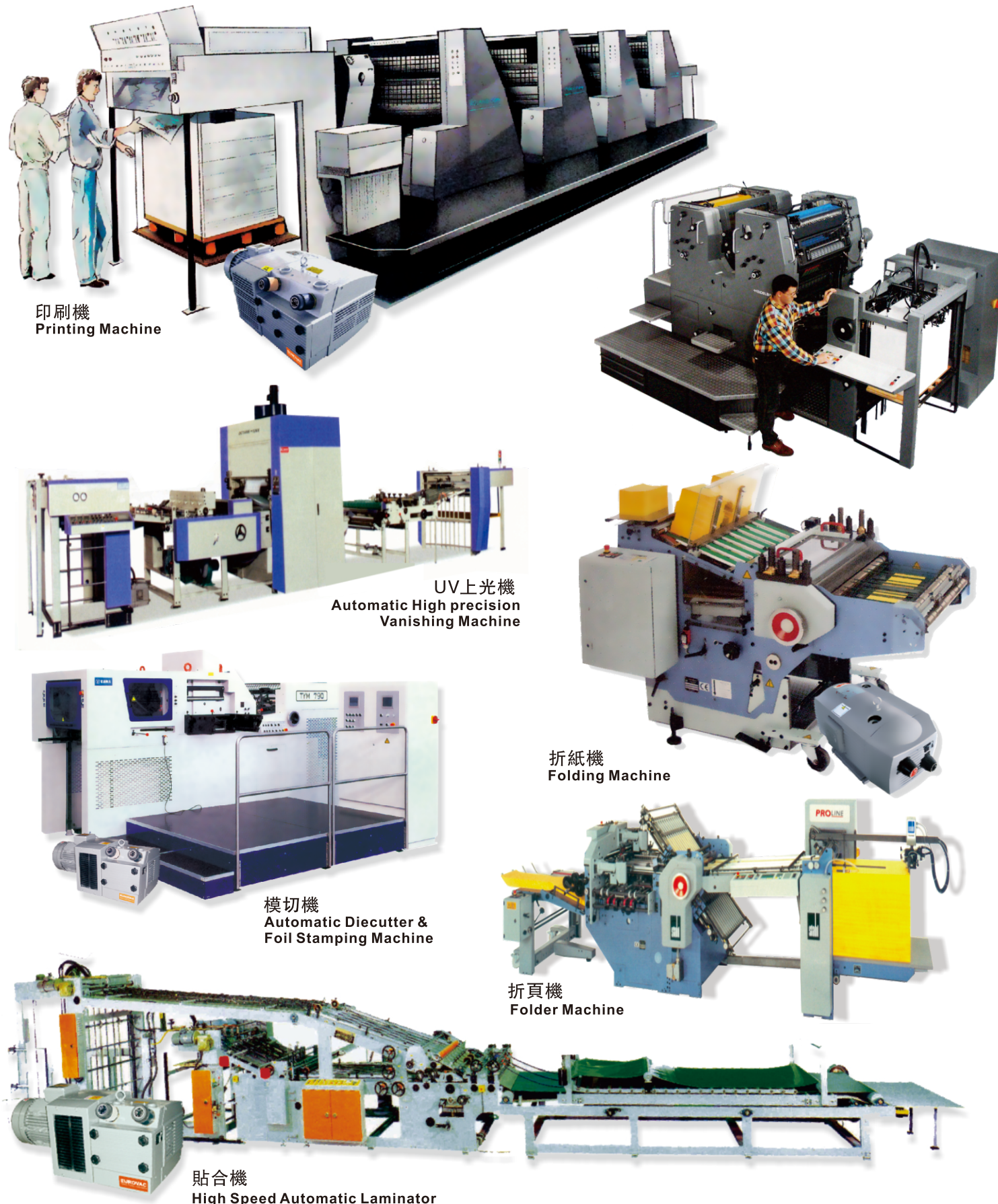
安裝尺寸-Mounting Dimensions

Type	A	B	C	D	E	F	G	H	I	J	K
R1.402	1306	880	770	635	464	557.5	178	76	20.5	465	-
R1.630	1737	880	770	712	464	625	178	76	20.5	465	-
R1.1000	1905	960	934	858.5	486.5	640	178	76	24	465	399
R1.1600	2150	1158	934	940	486.5	741	178	76	24	465	505

性能曲綫-Performance Data



印刷機與印後機械設備等專用真空泵



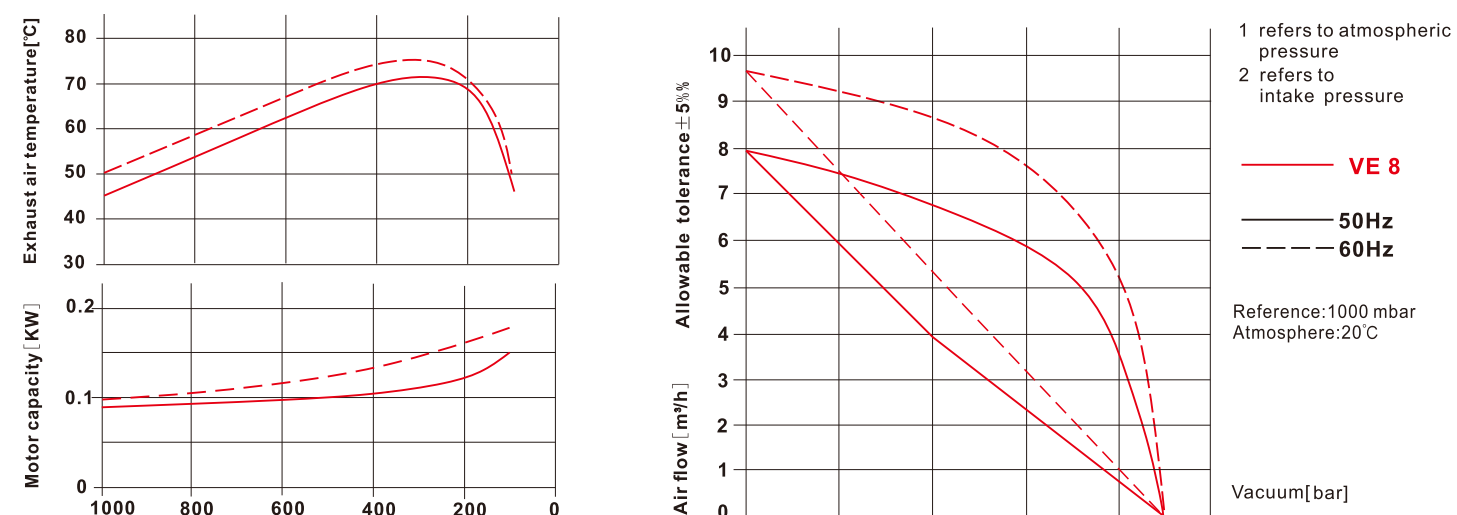
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率 (KW)				Motor voltage 馬達電壓(V)				Motor Speed 馬達轉速(RPM ¹)				Vacuum 真空度 (mbar)	Weight 重量 (KG)
			Three-phase 三相馬達		Single-phase 單相馬達		Three-phase 三相馬達		Single-phase 單相馬達		Three-phase 三相馬達		Single-phase 單相馬達			
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		
VE8	8	9.6	0.37	0.44	0.37	0.44	175-260/ 300-450V	202-300/ 350-520V	220-240V	220-240V	1420	1700	1380	1630	150	13

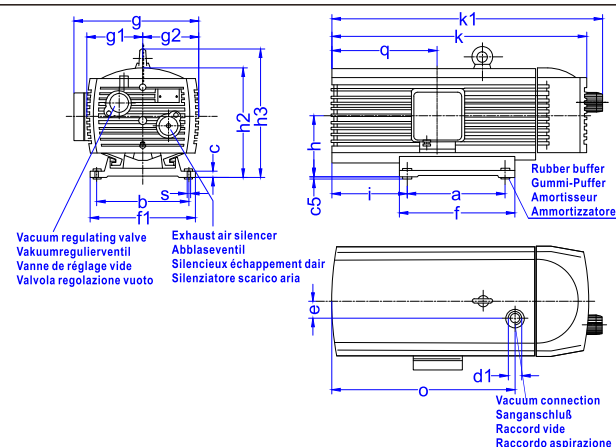
安裝尺寸-Mounting Dimensions

Type	a	b	c	d	e	f	g	h	i
VE8	314	302	263	161	140	7.5	90	94.5	104.5
Type	j	k	l	m	n	o	p	q	-
VE8	24.5	132.5	82	168	176.5	110	131.5	10	-

性能曲綫-Performance Data



VE 10~40



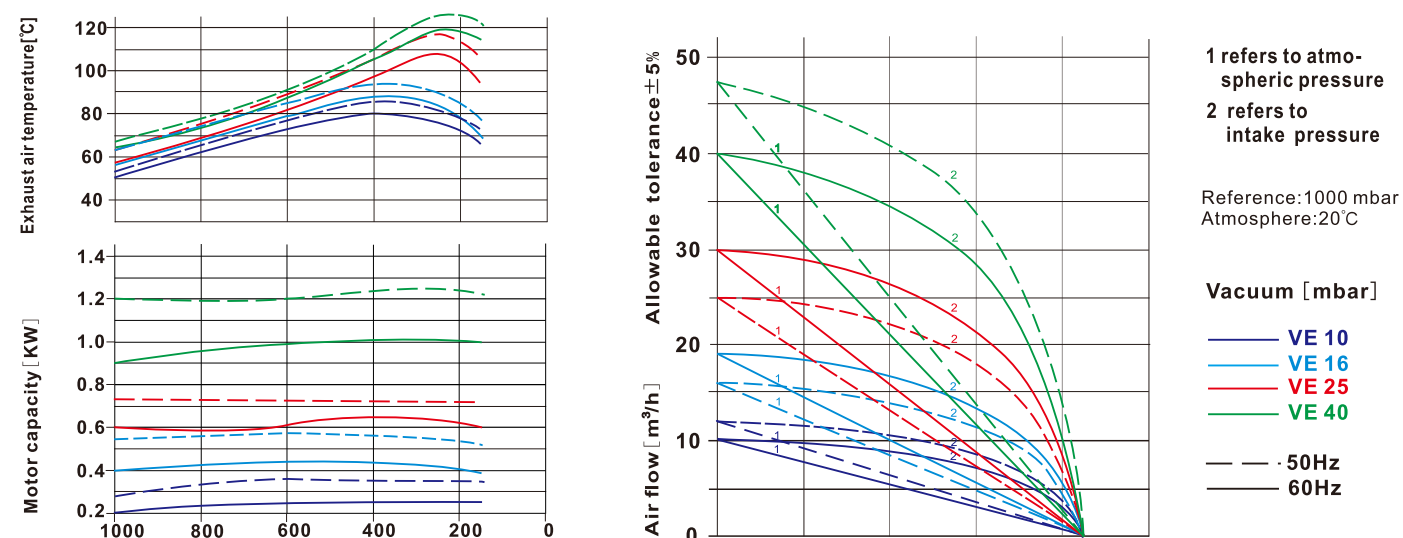
技術資料-Technical Data

Type 型號	Air flow 排氣量		Motor Power 馬達功率(KW)		Motor voltage 馬達電壓(V)				Speed 馬達轉速		Vacuum 真空度 (mbar)	Noise Level 噪音值[dB(A)]		Weight 重量 (kg)
	(m³/h)				Three-phase 三相馬達		Single-phase 單相馬達		(RPM ⁻¹)					
	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz		50 Hz	60 Hz	
VE10	10	12	0.37	0.44	175-260/ 330-450V	202-300/ 350-520V	230V±10%	230V±10%	1420	1700	150	60	62	15
VE16	16	19.2	0.55	0.66	175-260/ 330-450V	202-300/ 350-520V	230V±10%	230V±10%	1420	1700	150	61	64	22
VE25	25	30	0.75	0.9	190-255/ 330-440V	190-290/ 330-500V	230V±10%	230V±10%	1420	1700	150	62	67	28
VE40	40	48	1.25	1.5	190-255/ 330-440V	190-290/ 330-500V	230V±10%	230V±10%	1420	1700	150	67	72	39

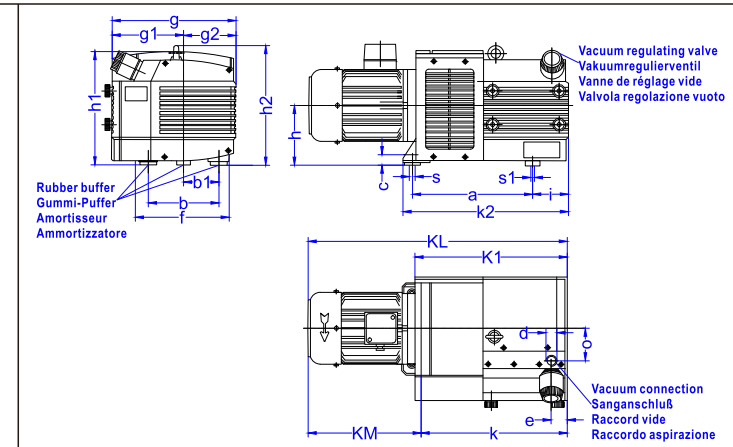
安裝尺寸-Mounting Dimensions

Type	a	b	c	c5	d	e	f	f1	g	g1	g2	h	h2	h3	l	k	k1	o	q	Øs
VE10	205	128	15	3	G ¹ / ₂ "	35	244	156	202	89	89	107	189	192	60	387	426	257	118.5	7
VE16	205	128	15	3	G ¹ / ₂ "	35	244	156	225	102	102	113	182.5	208	70	415	454	289	151.5	7
VE25	220	198	15	3	G ³ / ₄ "	40	260	240	252	125	125	140	227	292	101	465	502	300	170	7
VE40	220	198	15	3	G ³ / ₄ "	40	260	240	270	125	125	140	227	292	136	531	570	362	195.5	7

性能曲綫-Performance Data



KVE60~KVE160



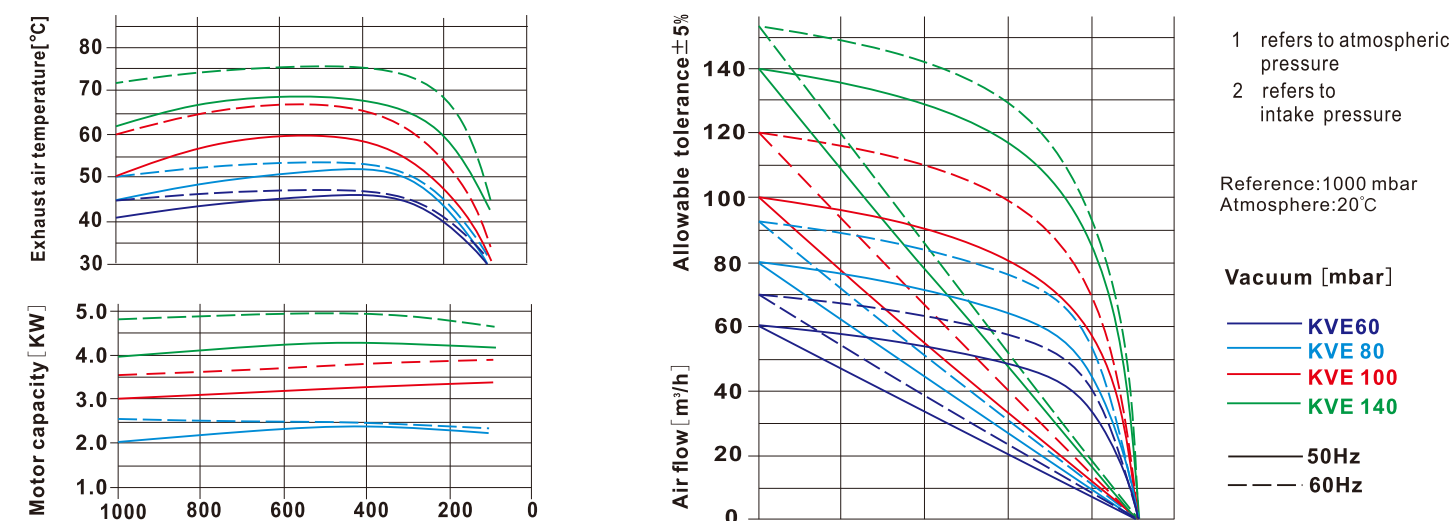
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率(KW)		Motor voltage 馬達電壓(V)		Speed 馬達轉速 (RPM ⁻¹)		Vacuum 真空度 (mbar)	Noise Level 噪音值[dB(A)]		Weight 重量 (kg)	Motor Type 馬達型號
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz		50 Hz	60 Hz		
KVE60	60	72	2.2	2.6	230/400V±10%	230/400V±10%	1420	1700	150	71	73	70	B5/250
KVE80	80	96	2.2	2.6	230/400V±10%	230/400V±10%	1420	1700	150	72	75	70	B5/250
KVE100	100	120	3.0	3.6	230/400V±10%	230/400V±10%	1420	1700	150	75	77	105	B5/250
KVE140	140	168	4.0	4.8	230/400V±10%	230/400V±10%	1420	1700	150	76	79	115	B5/250
KVE160	160	192	5.5	6.6	230/400V±10%	230/400V±10%	1420	1700	150	76	79	126	B5/300

安裝尺寸-Mounting Dimensions

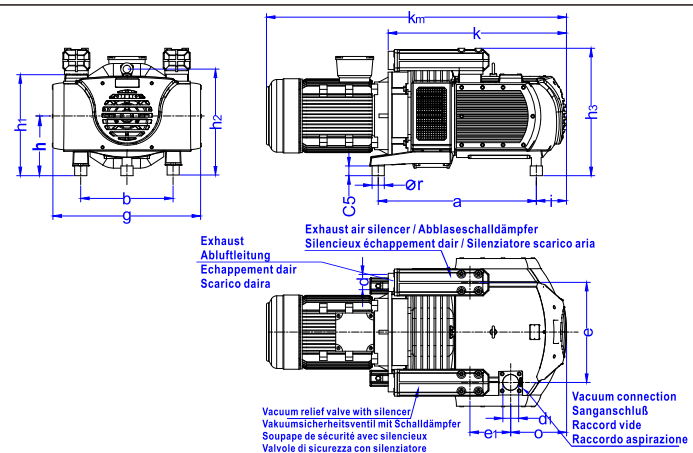
Type	a	b	b1	c	d1	e	f	g	g1	g2	h1	h2	l	k	k1	k2	km	kL	o	Øs	s1
KVE60	327	190	95	33	G1"	49.5	235	355	189	150	314	331	93.5	401	419	451	330	728.5	65	12	M8
KVE80	327	190	95	33	G1"	49.5	235	355	189	150	314	331	93.5	401	419	451	330	731	65	12	M8
KVE100	401.5	245	134	33	G1 ¹ / ₂ "	60	295	470	232.5	221.5	376	382	146.5	527.5	543	570	398	870	95	12	M8
KVE140	401.5	245	134	33	G1 ¹ / ₂ "	60	295	470	232.5	221.5	376	382	146.5	527.5	543	570	398	870	95	12	M8
KVE160	401.5	245	134	33	G1 ¹ / ₂ "	60	295	470	232.5	221.5	376	382	146.5	527.5	543	570	398	925.5	95	12	M8

性能曲綫-Performance Data





KVE200~KVE360



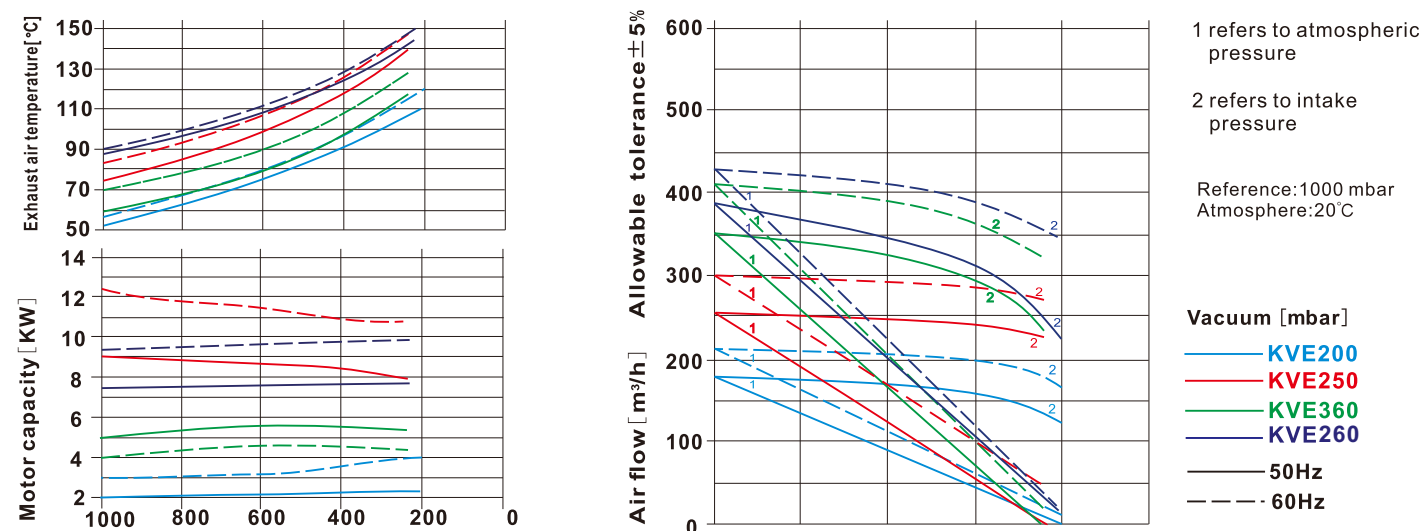
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率(KW)		Vacuum 真空度 (mbar)	Noise Level 噪音值[dB(A)]		Motor Speed 馬達轉速 (RPM ⁻¹)		Weight 重量 (kg)	Motor Type 馬達型號
	50Hz	60Hz	50Hz	60Hz		50 Hz	60 Hz	50 Hz	60 Hz		
KVE200	200	240	4.0	4.8	200	75	77	960	1150	258	B5/300
KVE250	250	300	5.5	6.6	200	81	81	960	1150	280	B5/350
KVE260	400	480	7.8	9.3	250	81	—	960	1150	320	B5/350
KVE360	360	—	11.0	—	250	80.5	—	1430	—	312	B5/350

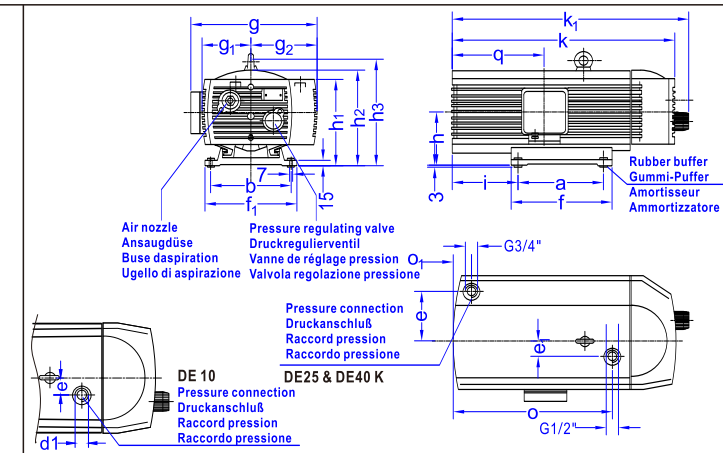
安裝尺寸-Mounting Dimensions

Type	a	b	c _s	d	d ₁	e	e ₁	g	h	h ₁	h ₂	h ₃	l	k	k _m	o	Ør	s
KVE200	645	380	40	G2"	G2-1/2"	423	216	612	225	388.5	426	493.5	125	684	1092	171.5	50	M10
KVE250	645	380	40	G2"	G2-1/2"	423	216	612	225	388.5	426	493.5	125	684	1092	171.5	50	M10
KVE260	658	420	40	G2-1/2"	G3"	423	170	612	225	388.5	426	550	125	780	1260	235	80	M10
KVE360	645	380	40	G2"	G2-1/2"	423	216	612	225	388.5	426	493.5	125	684	1092	171.5	50	M10

性能曲綫-Performance Data



DE10~DE40K



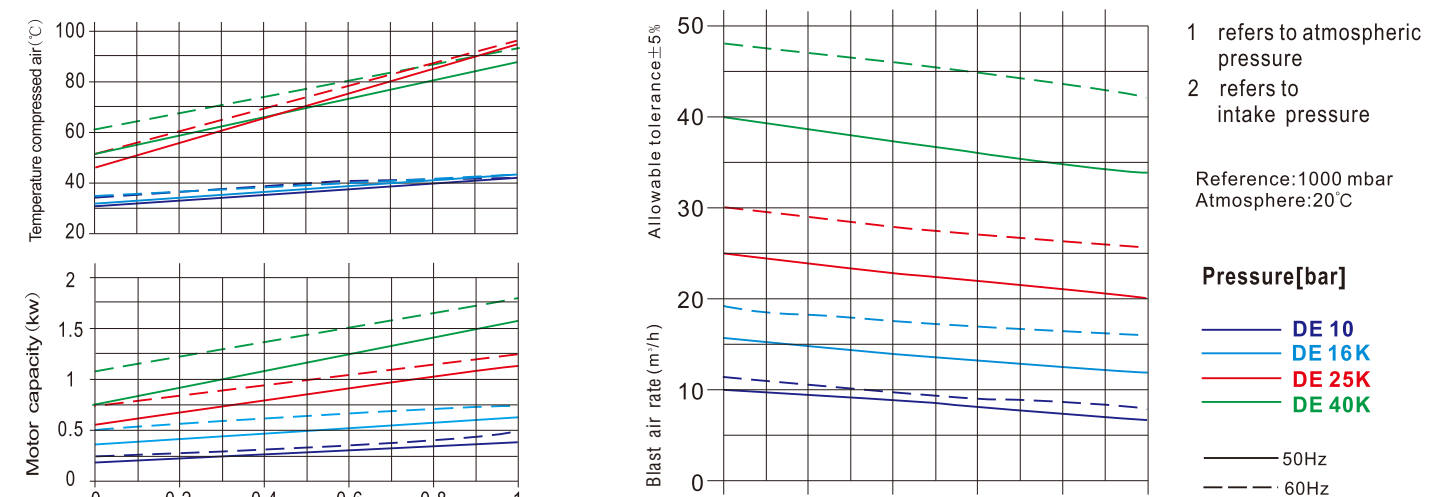
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率(KW)				Motor voltage 馬達電壓(V)				Speed 馬達轉速 (RPM ⁻¹)		Pressure 壓力值 (bar)	Noise Level 噪音值 [dB(A)]	Weight 重量 (kg)
			Three-phase 三相馬達		Single-phase 單相馬達		Three-phase 三相馬達		Single-phase 單相馬達						
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz			
DE10	10	12	0.37	0.44	0.37	0.44	175-260/ 300-450V	202-300/ 350-520V	230V±10%	230V±10%	1420	1700	+1.0	62	16
DE16K	16	19.2	0.75	0.90	0.75	0.90	175-260/ 300-450V	202-300/ 350-520V	230V±10%	230V±10%	1420	1700	+1.0	64	23.5
DE25K	25	30	1.25	1.50	1.25	1.50	190-255/ 330-440V	190-290/ 330-500V	230V±10%	230V±10%	1420	1700	+1.0	65	36.5
DE40K	40	48	1.85	2.20	1.85	2.20	190-255/ 330-440V	190-290/ 330-500V	230V±10%	230V±10%	1420	1700	+1.0	67	46

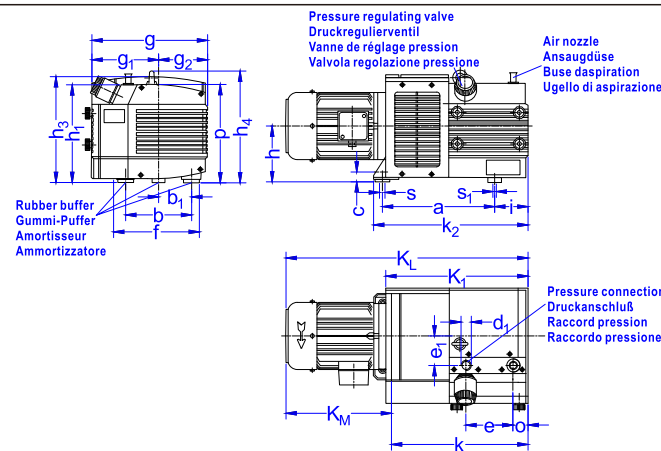
安裝尺寸-Mounting Dimensions

Type	a	b	e	e ₁	f	f ₁	g	g ₁	g ₂	h	h ₁	h ₂	h ₃	l	k	k ₁	e	q	q ₁
DE10	205	128	—	35	200	142	206	90	90	107	176	189	195	106	387	429	—	123	134
DE16K	205	128	—	35	242	155	231	102.5	102.5	113	186	205	211	73	416	452	—	151.5	140
DE25K	220	198	130	—	260	238	328	125	173	140	227	253	290	130	505	545	54.8	178	—
DE40K	220	198	130	—	260	238	328	125	173	140	227	253	290	178	585	625	54.8	245	—

性能曲綫-Performance Data



KDE60~KDE140



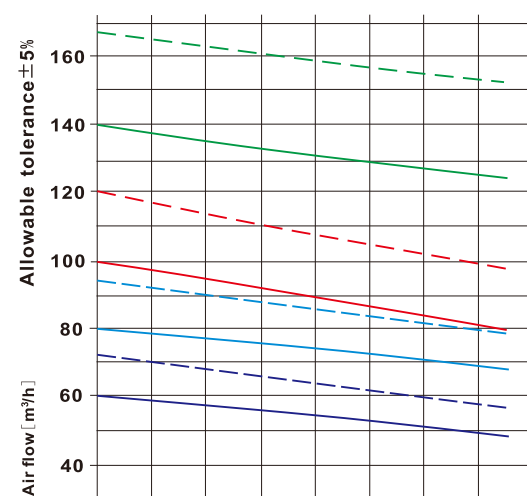
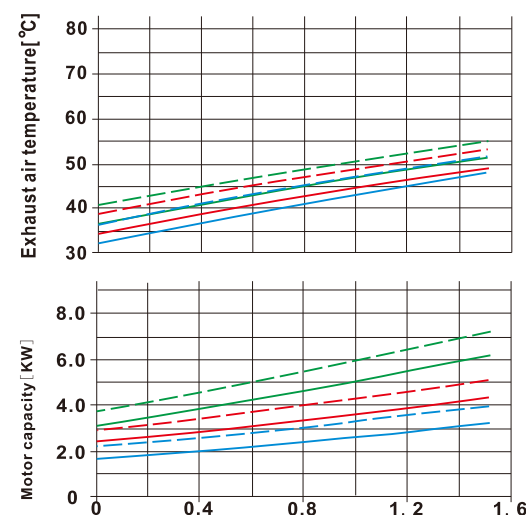
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率 (kw)		Motor Voltage 馬達電壓(V)		Motor Speed 馬達轉速 (RPM ⁻¹)		Pressure 壓力值 (bar)	Noise Level 噪音值[dB(A)]	Weight 重量 (kg)	Motor Type 馬達型號
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz				
KDE60	60	72	3.0	3.6	230/400V±10%	230/400V±10%	1450	1740	+1.5	72	69	B5/250
KDE80	80	96	4.0	4.8	230/400V±10%	230/400V±10%	1450	1740	+1.5	74	77	B5/250
KDE100	100	120	5.5	6.6	400/690V±10%	400/690V±10%	1450	1740	+1.5	76	127	B5/300
KDE140	140	168	7.5	9.0	400/690V±10%	400/690V±10%	1450	1740	+1.5	82	146	B5/300

安裝尺寸-Mounting Dimensions

Type	a	b	b1	c	d ₂	e	e1	f	g	g1	g2	h	h1	h3	h4	l	B5/250 k	B5/250 k	k1	k2	km	kl	o	p	o	S1
KDE60	327	190	95	30	G1"	138	65	250	353	195	141	162	289	312	328	96	397	-	415	448	306	703	46	289	12	M8
KDE80	327	190	95	30	G1"	138	65	250	353	195	141	162	289	312	328	96	397	-	415	448	306	703	46	289	12	M8
KDE100	401.5	245	122.5	30	G1-1/2"	190	95	295	470	223	230	162	297	330	336	140	501	521	539	563	370	895	60	297	12	M8
KDE140	401.5	245	122.5	30	G1-1/2"	190	95	295	470	223	230	162	297	330	336	140	501	521	539	563	408	925.5	60	297	12	M8

性能曲綫-Performance Data



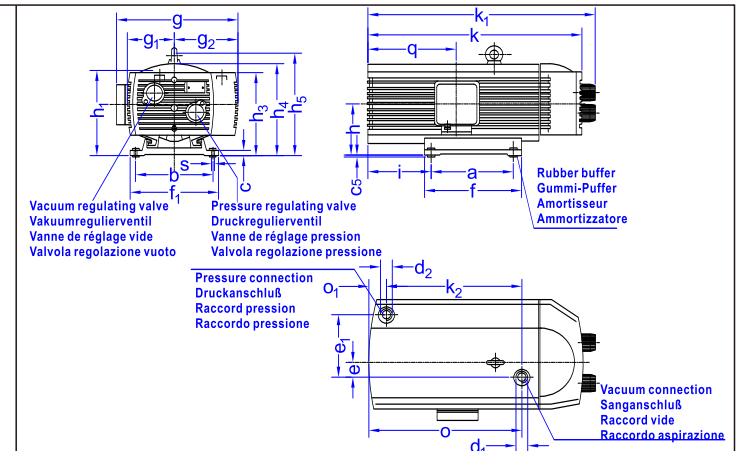
1 refers to atmospheric pressure
2 refers to intake pressure

Reference: 1000 mbar
Atmosphere: 20°C

Pressure [bar]

— KDE 60
— KDE 80
— KDE 100
— KDE 140
— 50Hz
- - - 60Hz

BVT16~BVT40



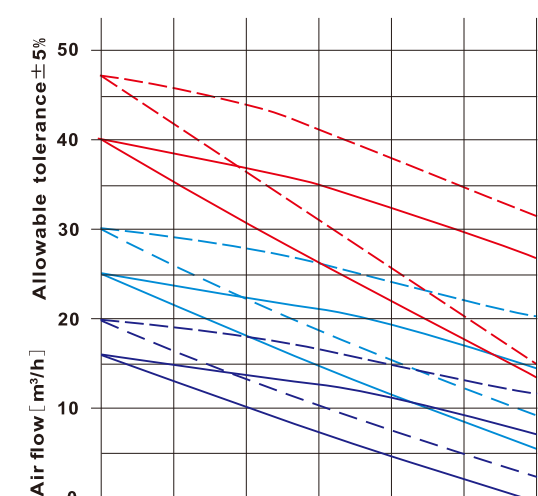
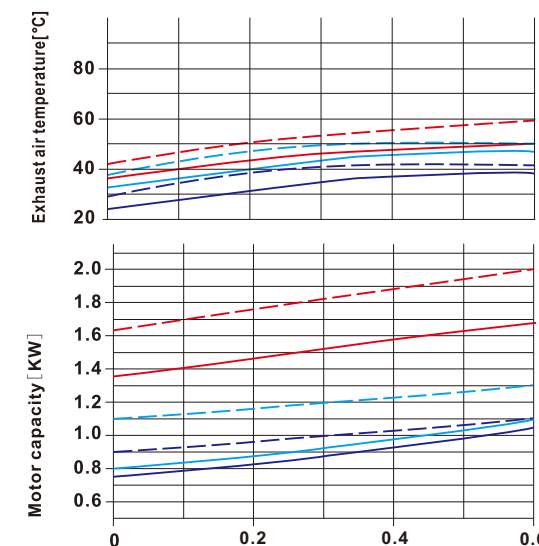
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率(kw)				Motor Voltage 馬達電壓(V)				Motor Speed 馬達轉速 (RPM ⁻¹)		Vacuum 真空值 (bar)	Pressure 壓力值 (bar)	Noise Level 噪音值 [dB(A)]	Weight 重量 (kg)
			Three-phase 三相馬達		Single-phase 單相馬達		Three-phase 三相馬達		Single-phase 單相馬達							
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz						
BVT16	16	19.2	0.75	0.9	0.75	0.9	195-255/ 330-440V	190-290/ 330-550V	230V+10%	230V+10%	1420	1700	−0.6	+0.6	69	36
BVT25	25	30	1.25	1.50	1.25	1.50	195-255/ 330-440V	190-290/ 330-550V	230V+10%	230V+10%	1420	1700	−0.6	+0.6	69	36
BVT40	40	48	1.85	2.2	1.85	2.2	195-255/ 330-440V	190-290/ 330-550V	230V+10%	230V+10%	1420	1700	−0.6	+0.6	68	45

Mounting Dimensions

Type	a	b	c	c5	d ₁	d ₂	e	e1	f	f1	g	g1	g2	h	h1	h3	h4	h5	l	k	k1	k2	o	o1	q	s
BVT16	205	128	15	3	G1/2"	G1/2"	37.5	155	244	156	283	105.5	155.5	110	205	200	210	225	110	465	511	296	331	34.8	182	7
BVT25	220	198	15	3	G3/4"	G3/4"	40	170	260	238	328	125	173	140	229	227	250	290	130	505	545	281.5	336.3	54.8	178	7
BVT40	220	198	15	3	G3/4"	G3/4"	40	170	261	240	321	126	174	140.5	229	223.5	249	295	177.5	586	617	362	414	55	241	7

性能曲綫-Performance Data



1 refers to atmospheric pressure
2 refers to intake pressure

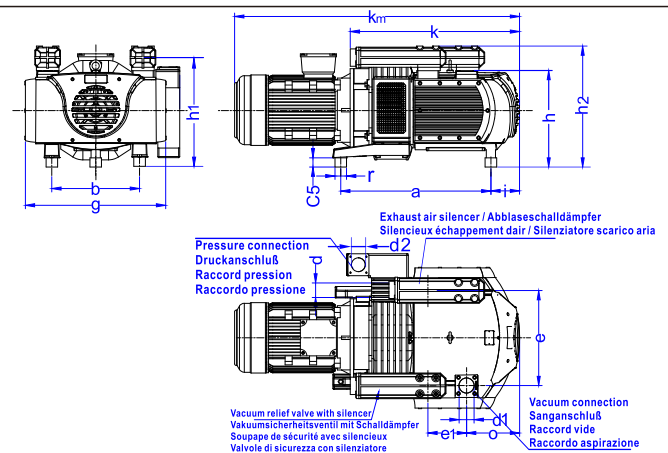
Reference: 1000 mbar
Atmosphere: 20°C

Vacuum [bar]

— BVT16
— BVT25
— BVT40
— 50Hz
- - - 60Hz



BVT200~BVT250



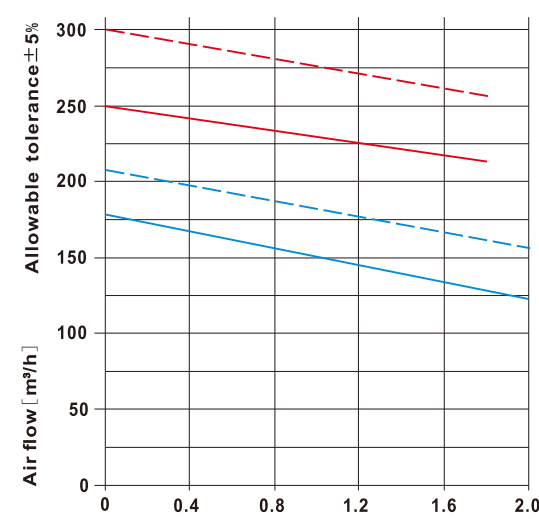
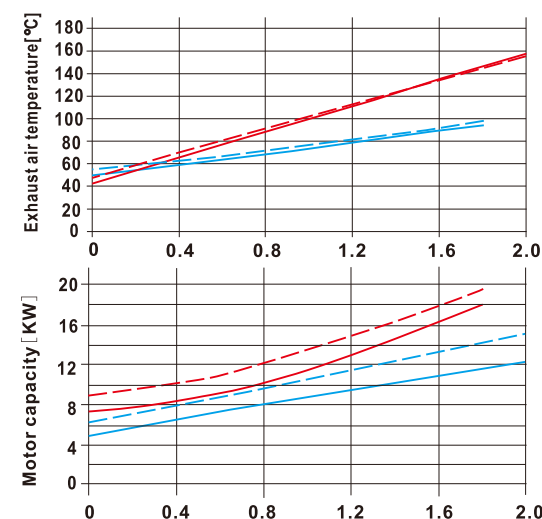
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率 (kw)		Vacuum 真空值 (bar)	Pressure 壓力值 (bar)	Noise Level 噪音值 [dB(A)]		Motor Speed 馬達轉速 (RPM⁻¹)		Weight 重量 (kg)	Motor Type 馬達型號
	50Hz	60Hz	50Hz	60Hz			50Hz	60Hz	50Hz	60Hz		
BVT200	200	240	5.5	6.6	-0.5	+0.5	75	77	960	1150	280	B5/350
BVT250	250	300	7.5	9.0	-0.5	+0.5	81	81	960	1150	312	B5/350

安裝尺寸-Mounting Dimensions

Type	a	b	c5	d	d1	d2	e	e1	g	h	h1	h2	i	k	km	o	r	s
BVT200	645	380	40	G2"	G2-1/2"	60	423	216	612	420	475	527	125	684	1092	171.5	50	M10
BVT250	645	380	40	G2"	G2-1/2"	60	423	216	612	420	475	527	125	684	1092	171.5	50	M10

性能曲綫-Performance Data



1 refers to atmospheric pressure
2 refers to intake pressure

Reference: 1000 mbar
Atmosphere: 20°C

Vacuum [bar]

— BVT200

— BVT250

— 50Hz

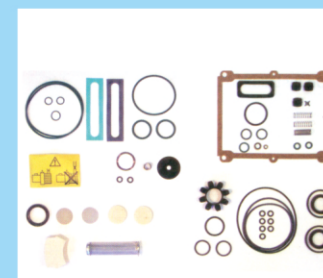
--- 60Hz



Air filter & Oil separator



Pumps Various parts



Gaskets & O-Ring



Pumps Various parts



1"~2" inch Dust Filter



2"~3" inch Dust Filter



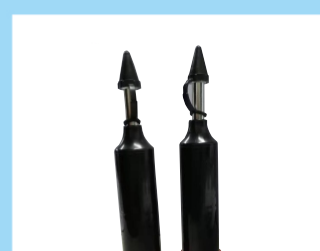
Vacuum Pad



Vacuum Gauge



High Temperature Oil Grease



Oil Grease Gun

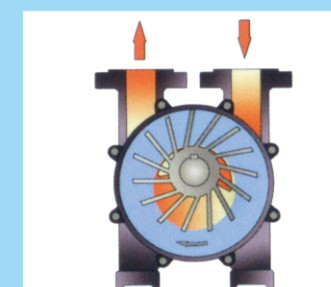


Carbon Blade

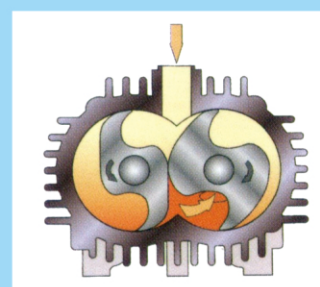


Oil Filter

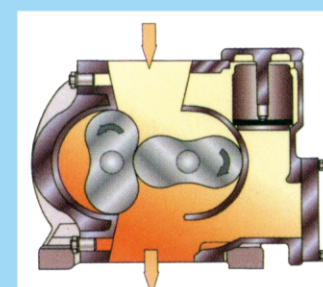
Other Vacuum Pumps & Systems



Liquid Ring Vacuum pump



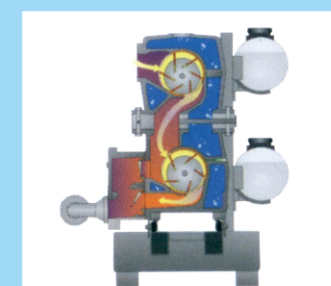
Claw Vacuum & pressure Pumps



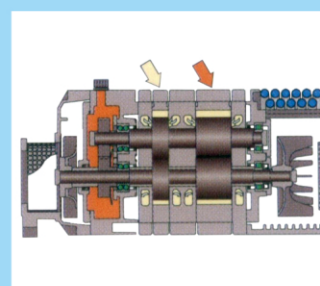
Rotary Lobe Boosters



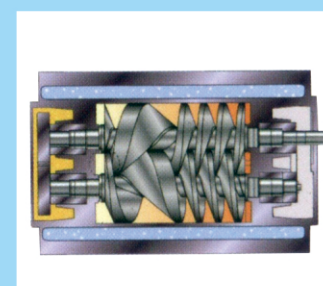
Scroll Vacuum pump



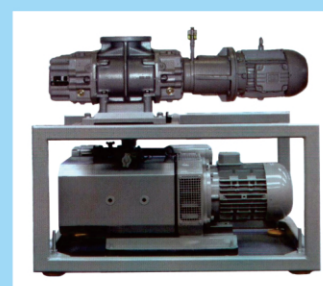
Once-Through Vacuum Pump



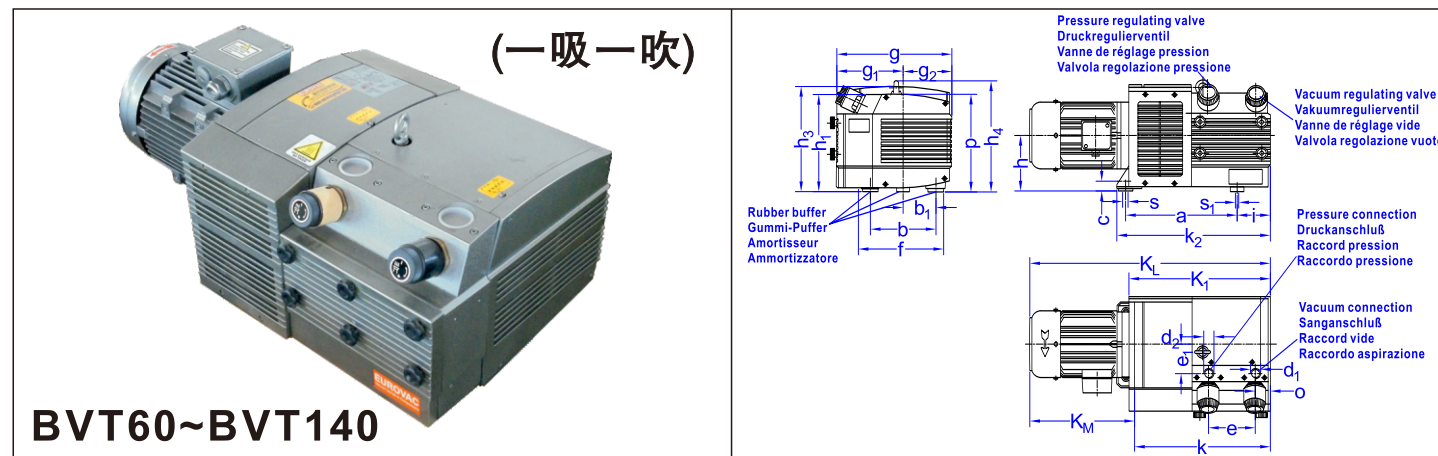
Dry-Running Vacuum Pump



Dry Screw Vacuum Pump



Vacuum Pump System



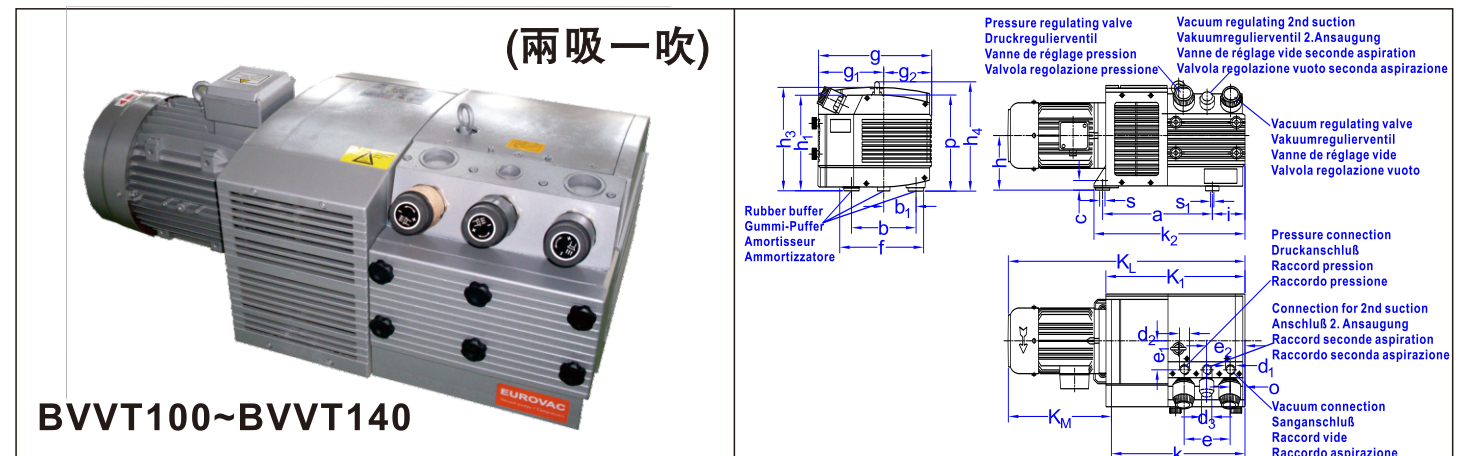
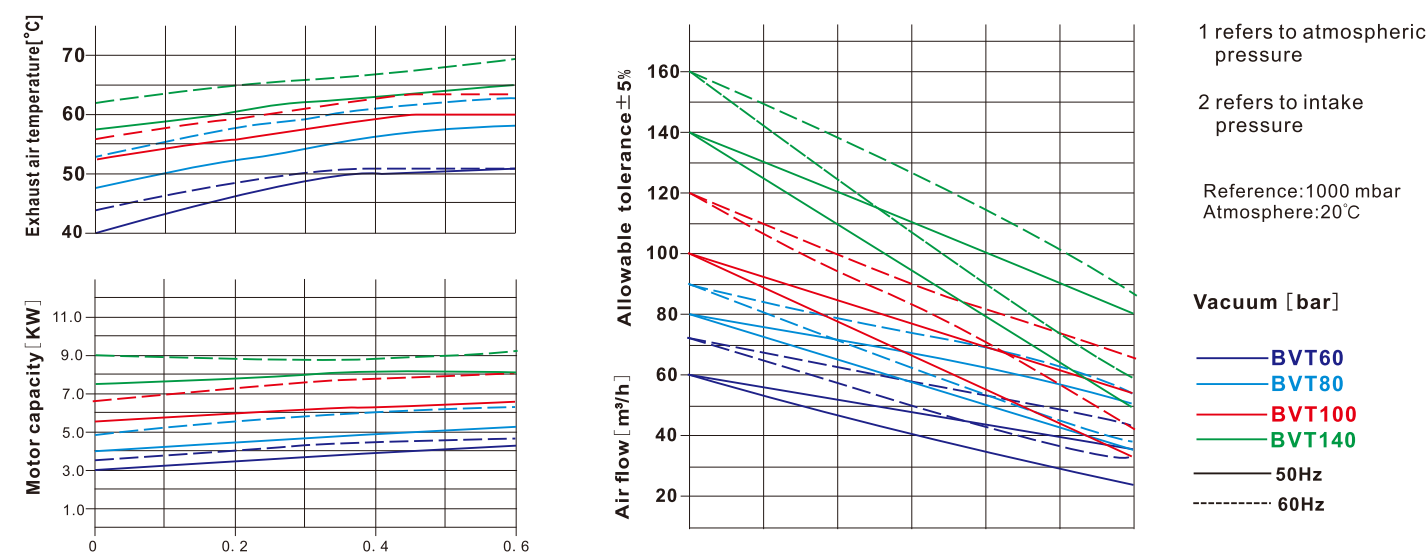
技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率 (m³/h)		Motor Voltage 馬達電壓(V)		Motor Speed 馬達轉速 (RPM ⁻¹)		Pressure 真空值 (bar)	Pressure 壓力值 (bar)	Noise Level 噪音值 [dB(A)]	Weight 重量 (kg)	Motor Type 馬達型號
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz					
BVT60	60	72	3.0	3.6	230/400V ±10%	230/400V ±10%	1420	1710	-0.6	+0.6	75	74	B5/250
BVT80	80	96	4.0	4.8	230/400V ±10%	230/400V ±10%	1420	1710	-0.6	+0.6	75	79	B5/250
BVT100	100	120	5.5	6.6	400/690V ±10%	230/400V ±10%	1430	1720	-0.6	+0.6	77	129	B5/300
BVT140	140	168	7.5	9.0	400/690V ±10%	230/400V ±10%	1430	1720	-0.6	+0.6	78	140	B5/300

安裝尺寸-Mounting Dimensions

Type	a	b	b1	c	d ₁	d ₂	e	e1	f	g	g1	g2	h	h1	h3	h4	l	k	k1	k2	km	kl	o	p	s	s1
BVT60	327	190	95	33	G1"	G1"	138	65	235	355	189	150	161	275	314	331	93.5	401	414	451	≤330	≤728.5	49.5	289	12	M8
BVT80	327	190	95	33	G1"	G1"	138	65	235	355	189	150	161	275	314	331	93.5	401	414	451	≤330	≤731	49.5	289	12	M8
BVT100	401.5	245	134	33	G1-1/2"	G1-1/2"	234	95	295	470	232.5	221.5	162	335	376	382	146.5	527.5	543	570	≤374	≤895	24	336	12	M8
BVT140	401.5	245	134	33	G1-1/2"	G1-1/2"	234	95	295	470	232.5	221.5	162	335	376	382	146.5	527.5	543	570	≤398	≤925.5	24	336	12	M8

性能曲綫-Performance Data



技術資料-Technical Data

Type 型號	Air flow 排氣量 (m³/h)		Motor Power 馬達功率 (m³/h)		Motor Voltage 馬達電壓(V)		Motor Speed 馬達轉速 (RPM ⁻¹)		Vacuum 真空值 (bar)	Pressure 壓力值 (bar)	Noise Level 噪音值 [dB(A)]	Weight 重量 (kg)	Motor Type 馬達型號
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50 Hz	60 Hz					
BVVT60	60	72	3.0	3.6	230/400V ±10%	230/400V ±10%	1420	1710	-0.6	+0.6	75	74	B5/250
BVVT80	80	96	4.0	4.8	230/400V ±10%	230/400V ±10%	1420	1710	-0.6	+0.6	75	79	B5/250
BVVT100	100	120	5.5	6.6	400/690V ±10%	230/400V ±10%	1430	1720	-0.6	+0.6	77	129	B5/300
BVVT140	140	168	7.5	9.0	400/690V ±10%	230/400V ±10%	1430	1720	-0.6	+0.6	78	140	B5/300

安裝尺寸-Mounting Dimensions

Type	a	b	b1	c	d ₁	d ₂	d ₃	e	e1	e2	f	g	g1	g2	h	h1	h3	h4	l	k	k1	k2	km	kl	o	p	s	s1
BVVT60	327	190	95	33	G1"	G1"	G3/4"	138	65	115	235	355	189	150	161	275	314	331	93.5	401	414	451	≤330	≤728.5	49.5	289	12	M8
BVVT80	327	190	95	33	G1"	G1"	G3/4"	138	65	115	235	355	189	150	161	275	314	331	93.5	401	414	451	≤330	≤731	49.5	289	12	M8
BVVT100	401.5	245	134	33	G1-1/2"	G1-1/2"	G1"	234	95	156.5	295	470	232.5	221.5	162	335	376	382	146.5	527.5	543	570	≤374	≤895	24	336	12	M8
BVVT140	401.5	245	134	33	G1-1/2"	G1-1/2"	G1"	234	95	156.5	295	470	232.5	221.5	162	335	376	382	146.5	527.5	543	570	≤398	≤925.5	24	336	12	M8

性能曲綫-Performance Data

