

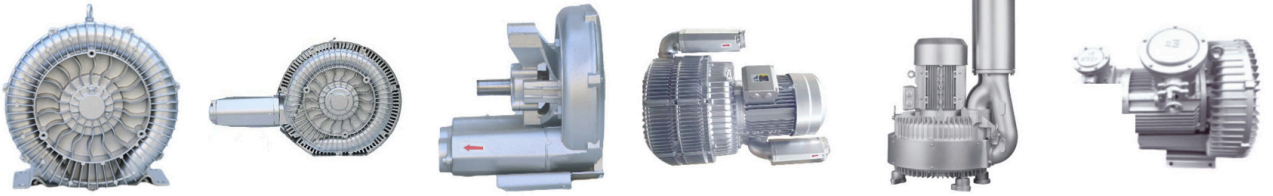


BARAKAH
MECHANICAL INDUSTRIES

معدات الهواء الصناعي والتفريغ

مضخات التفريغ والمنافيخ الحلقية

Vacuum Pumps and Ring Blowers



Barakah Mechanical Industries FZE

بيانات اختيار للتطبيقات الصناعية في التفريغ والضغط وهواء العمليات
Industrial selection data for vacuum, pressure and process-air applications

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نبذة عن الشركة / COMPANY PROFILE

Barakah Vacuum Pump Programme

Barakah Mechanical Industries FZE supplies industrial vacuum pumps, side channel blowers, regenerative ring blowers and related accessories for continuous-duty industrial applications.

The catalogue presents the Barakah vacuum and pressure air programme by product family, operating range, dimensions, performance curves and installation accessories.

مجموعة منتجات Barakah لمعدات التفريغ والهواء

توزّد Barakah Mechanical Industries FZE مضخات تفريغ صناعية ومنايفخ القناة الجانبية والمنايفخ الحلقية التجديدية وملحقاتها لتطبيقات صناعية تعمل بشكل مستمر. يعرض هذا الكتالوج مجموعة Barakah للتفريغ والهواء المضغوط حسب عائلات المنتجات ونطاقات التشغيل والأبعاد ومنحنيات الأداء وملحقات التركيب.

دعم الاختيار

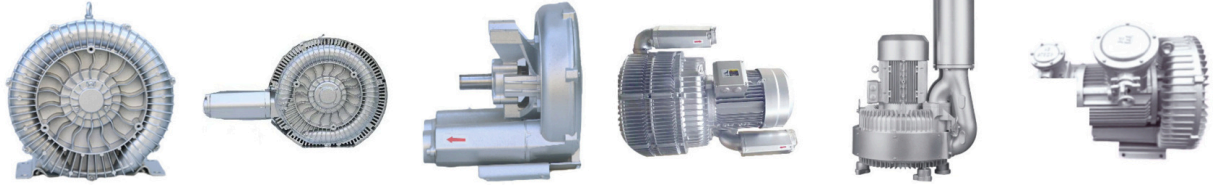
اختيار الطراز حسب تدفق الهواء ومستوى التفريغ والضغط والتردد والجهد وترتيب التركيب.

الوثائق الفنية

تجمع الوثائق الجداول الفنية والأبعاد ومنحنيات الأداء والملحقات في مرجع واحد للمراجعة.

الاستخدام الصناعي

مناسبة للنقل بالتفريغ وسكاكين الهواء والتجفيف والترشيح والتعبئة والتهوية وهواء العمليات.



نطاق المنتجات

تشمل المجموعة منافيخ حلقة أحادية المرحلة وثنائية المرحلة وثلاثية المرحلة، إضافة إلى منافيخ مدارة بالحزام، ورأسية، ومقاومة للانفجار.

Single-stage, double-stage, belt driven, tri-stage, vertical and explosion-proof ring blower configurations.

01

منفاخ حلقي أحادي المرحلة

Single-Stage Ring Blower

منفاخ حلقي أحادي المرحلة مدمج للتفريغ أو الضغط مع تدفق هواء مستقر.

Standard compact blower for vacuum or pressure duty with stable airflow

**02**

منفاخ حلقي ثنائي المرحلة

Double-Stage Ring Blower

تصميم ثنائي المرحلة لفارق ضغط أعلى وأداء أقوى في الشفط أو الضغط.

Higher pressure differential and stronger suction or pressure performance

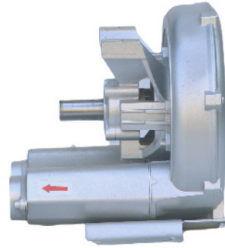
**03**

منفاخ حلقي مدار بالحزام

Belt Driven Ring Blower

ترتيب قيادة بالحزام للوحدات الأكبر أو التشغيل الخارجي أو الاختيار حسب السرعة.

Separate drive arrangement for larger units, outdoor duty or speed-specific selection

**04**

منفاخ حلقي ثلاثي المرحلة

Tri-Stage Ring Blower

تصميم متعدد المراحل للمروحة الدافعة لتوسيع نطاق تشغيل الضغط والتفريغ.

Multi-stage impeller design for extended pressure and vacuum operating range

**05**

منفاخ حلقي للتركيب الرأسي

Vertical Mounting Ring Blower

تركيب رأسي للتخطيطات المدمجة وترتيبات الأنابيب العلوية.

Vertical installation for compact layouts and duct-up piping arrangements

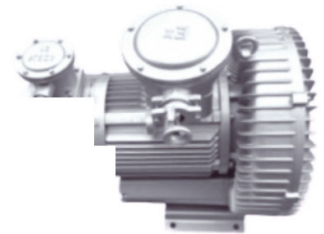
**06**

منفاخ حلقي مقاوم للانفجار

Explosion-Proof Ring Blower

تكوين بمحرك مقاوم للانفجار للمناطق الخطرة أو القابلة للاشتعال المحددة.

Explosion-proof motor configuration for specified hazardous or flammable areas



تشغيل التفريغ

شفط مستقر لعمليات النقل والتثبيت والتجفيف والترشيح.

تشغيل الضغط

تدفق هواء مضغوط لسكاكين الهواء والتهوية والتجفيف والنقل الهوائي الخفيف.

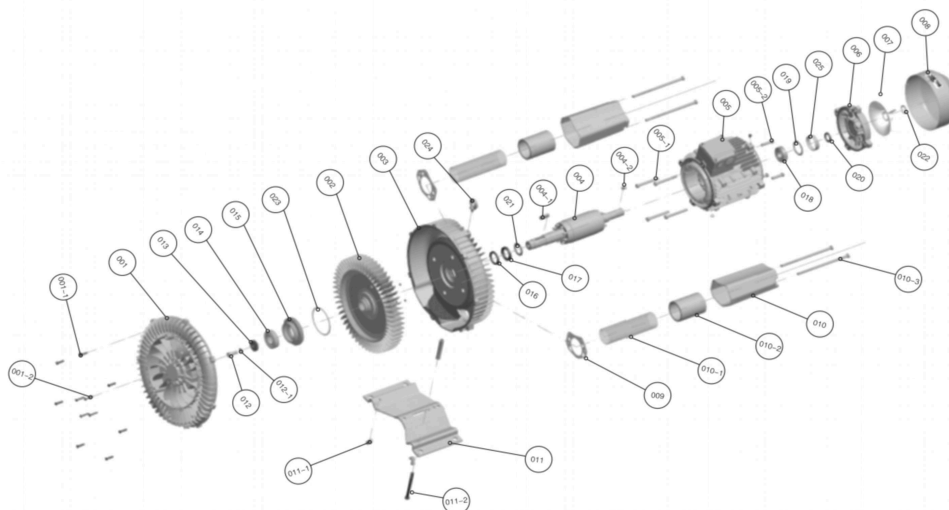
التكوين

يعتمد اختيار الطراز على مرحلة المروحة الدافعة والمحرك والجهد والتردد وطريقة التركيب.



البنية والأجزاء الرئيسية

رسم تفجيري للمكونات وقائمة أجزاء كمرجع للصيانة.
Exploded component chart and parts list for maintenance reference.



رسم تفجيري لمكونات مضخة التفريغ / Vacuum pump exploded component chart

No.	Part / الجزء	No.	Part / الجزء	No.	Part / الجزء	No.	Part / الجزء
001	غطاء المضخة Pump cover	011	القاعدة Base	021	واشر Washer	005-2	مسمار Screw
002	المروحة الدافعة Impeller	012	مسمار Screw	022	حلقة تثبيت Circlip	010-1	غطاء شبكي Mesh enclosure
003	جسم المضخة Pump casing	013	صفحة ضغط Pressure plate	023	حلقة O O-ring	010-2	إسفنجية عازلة للصوت Soundproof sponge
004	الدوار Rotor	014	مسمار Screw	024	حلقة رفع Hand ring	010-3	مسمار Screw
005	المحرك Motor	015	قاعدة تثبيت Fixing base	025	حلقة كيس Wrap ring	011-1	مسمار Screw
006	غطاء المحرك Motor cover	016	حلقة لباد Felt ring	001-1	مسمار Screw	011-2	مسمار Screw
007	المروحة Fan	017	مانع تسرب الزيت Oil seal	001-2	مسمار Screw	012-1	واشر قفل Lock washer
008	غطاء المروحة Fan cover	018	مسمار Screw	004-1	مفتاح مسطح Flat key		
009	حشية ورقية Paper pad	019	واشر متموج Wave washer	004-2	مفتاح مسطح Flat key		
010	أنبوب كاتم الصوت Muffler tube	020	مانع تسرب الزيت Oil seal	005-1	مسمار Screw		

Model Selection

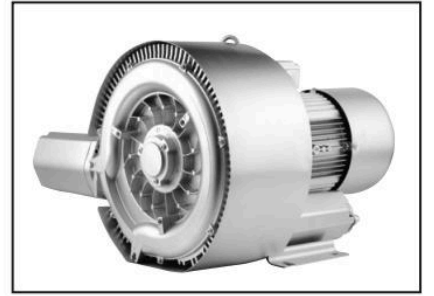
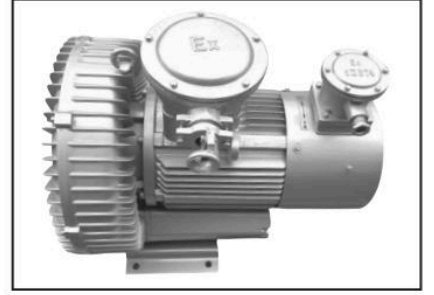
Selection starts with the required operating point: airflow, vacuum or pressure, frequency, voltage and installation type.

- Electrical work must be performed by qualified personnel only.
- Select the blower by the actual duty point and required vacuum or pressure margin.
- Use filters, relief valves and other accessories where the process requires them.
- Before start-up, check fasteners, casing condition, wiring, supply voltage, grounding and rotation direction.
- Do not start a blower against a closed pipeline.
- Use flexible inlet and outlet connections where vibration isolation is required.
- Stop immediately if abnormal noise, vibration or temperature rise occurs.

اختيار الطراز

يبدأ الاختيار من نقطة التشغيل المطلوبة: تدفق الهواء، مستوى التفريغ أو الضغط، التردد، الجهد ونوع التركيب.

- يجب تنفيذ الأعمال الكهربائية بواسطة فنيين مؤهلين فقط.
- اختر المنفاخ حسب نقطة التشغيل الفعلية والهامش المطلوب للتفريغ أو الضغط.
- استخدم المرشحات وصمامات التنفيس والملحقات الأخرى عندما تتطلب العملية ذلك.
- قبل التشغيل، افحص المثبتات وحالة الجسم والتوصيلات وجهد التغذية والتأريض واتجاه الدوران.
- لا تشغل المنفاخ على خط أنابيب مغلق.
- استخدم وصلات مرنة للمدخل والمخرج عند الحاجة إلى عزل الاهتزاز.
- أوقف المعدة فوراً عند حدوث ضوضاء أو اهتزاز أو ارتفاع حرارة غير طبيعي.



المظهر حسب قدرة المحرك والتكوين / Appearance by motor power and configuration

بنية رمز الطراز

 Example: **2EB 2 1 0 H 0 6**

Code	Meaning	الوصف
2EB / 4EB	Product series	سلسلة المنتج
1 / 2 / 3 / 4 / 5	Impeller and flow arrangement	ترتيب المروحة الدافعة ومسار التدفق
0 / 3 / 5	Installation mode	طريقة التركيب
H / A / V	Motor and electrical configuration	تكوين المحرك والتوصيل الكهربائي
H6 / H7 / A1 / V0	Voltage code	رمز الجهد

Electrical examples: H6 - three-phase 220-240V / 345-415V; H7 - three-phase 345-415V / 600-720V; A1 - single-phase 220-240V; V0 - single-phase 115-230V.

الضغط ووحدات القياس / PRESSURE AND UNITS

Pressure Reference

Absolute pressure uses absolute zero as reference. **Gauge pressure** is measured relative to atmospheric pressure. **Vacuum degree** is below atmospheric pressure.

مرجع الضغط

الضغط المطلق يُقاس نسبة إلى الصفر المطلق. ضغط القياس يُقاس نسبة إلى الضغط الجوي. مستوى التفريغ يكون أقل من الضغط الجوي.

Target	Factor	Airflow
m3/h	0.06	L/min
m3/h	0.227	gal/min
m3/h	1.699	ft3/min (cfm)
L/min	16.667	m3/h
gal/min	4.403	m3/h
ft3/min (cfm)	0.588	m3/h

Target	Factor	Pressure
mbar	0.01	Pa
mbar	1.0	hPa
mbar	10.0	kPa
mbar	0.098	mmH2O
mbar	98.07	mH2O
mbar	980.7	atm
mbar	2.491	inH2O
mbar	68.948	psi

Unit	kg/cm ²	mpa	bar	kpa	mbar	psi lb/in ²	mmH ₂ O mmaq	mmHg torr	inhg	atm	at	(n/m ²) pa
kg/cm ²	1	0.098066	0.980665	98.067	980.67	14.223	10000	735.559	28.964	0.96784	1	98066.5
mpa	10.1972	1	10	1000	10000	145.04	101971	7500.61	295.354	9.8692	10	999977.1
bar	1.01972	0.1	1	100	1000	14.5038	10197.2	750.061	29.5354	0.98692	1.01972	100000
kpa	0.0102	0.001	0.01	1	10	0.145	101.97	7.50062	0.2954	0.009869	0.01	1000.25
mbar	0.00102	0.0001	0.001	0.1	1	0.0145	10.2	0.75	0.029543	0.000987	0.001	100.025
psi (lb/in ²)	0.0703	0.006895	0.06895	6.895	68.95	1	703.07	51.715	2.03537	0.06805	0.07031	6894.76
mmH ₂ O (mmaq)	0.0001	0.0000098	0.000098	0.0098	0.098	0.00142	1	0.07358	0.00289	0.000096	0.0001	9.806
mmHg (torr)	0.00136	0.000133	0.00133	0.1333	1.33	0.0193	13.5951	1	0.03936	0.00132	0.00136	133.32
inhg	0.03452	0.0034	0.034	3.385	33.85	0.491	346.02	25.4065	1	0.0334	0.3452	3385.76
atm	1.033	0.1013	1.01325	101.327	1013.17	14.695	10416.66	760	29.94	1	1.0333	101325
at	1	0.1	0.9806	100	1000	14.222	10000	735.29	2.8969	0.9676	1	98066.5
(n/m ²)pa	0.00001	0.000001	0.00001	0.001	0.01	0.000145	0.10197	0.0075	0.000295	0.0001	0.00001	1

جدول كامل لتحويل وحدات الضغط / Complete pressure-unit conversion table

2 مواصفات EB 1AC - الجزء 2 / 1 EB 1AC SPECIFICATION - PART 1

2EB 1AC Specification - Part 1

مواصفات 2EB 1AC - الجزء 1

Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
2EB210A11	Single	50	0.4	220-240V	2.7	80	-120	130	53	10
2EB210A11	Single	60	0.5	220-240V	3.2	98	-150	160	56	10
2EB220A11	Double	50	0.7	220-240V	4.5	88	-210	240	55	16
2EB220A11	Double	60	0.83	220-240V	5.6	103	-250	250	61	16
2EB230A11	Single	50	0.4	220-240V	2.7	100	-110	110	54	11
2EB230A11	Single	60	0.5	220-240V	3.0	120	-130	140	57	11
2EB310A01	Single	50	0.55	220-240V	3.7	95	-120	130	57	13
2EB310A01	Single	60	0.62	220-240V	4.9	110	-120	130	60	13
2EB310A11	Single	50	0.7	220-240V	4.8	100	-150	150	55	14
2EB310A11	Single	60	0.8	220-240V	4.1	120	-150	160	57	14
2EB320A31	Double	50	1.3	220-240V	7.3	120	-240	280	58	17
2EB320A31	Double	60	1.5	220-240V	8.3	145	-230	260	60	17
2EB330A11	Single	50	0.7	220-240V	4.8	145	-100	100	56	14
2EB330A11	Single	60	0.8	220-240V	4.1	165	-110	100	58	14
2EB410A01	Single	50	0.7	220-240V	4.5	145	-120	120	63	15
2EB410A01	Single	60	0.83	220-240V	5.6	175	-130	130	64	15
2EB410A11	Single	50	0.85	220-240V	5	145	-160	160	63	16
2EB410A11	Single	60	0.95	220-240V	5.8	175	-160	160	64	16
2EB410A21	Single	50	1.3	220-240V	7.3	145	-170	200	63	17
2EB410A21	Single	60	1.5	220-240V	7.8	175	-210	220	64	17
2EB420A21	Double	50	1.3	220-240V	7.5	150	-255	255	66	25
2EB420A21	Double	60	1.5	220-240V	8	180	-290	280	69	25

2 مواصفات EB 1AC - الجزء 2 / 2 EB 1AC SPECIFICATION - PART 2

2EB 1AC Specification - Part 2

مواصفات 2EB 1AC - الجزء 2

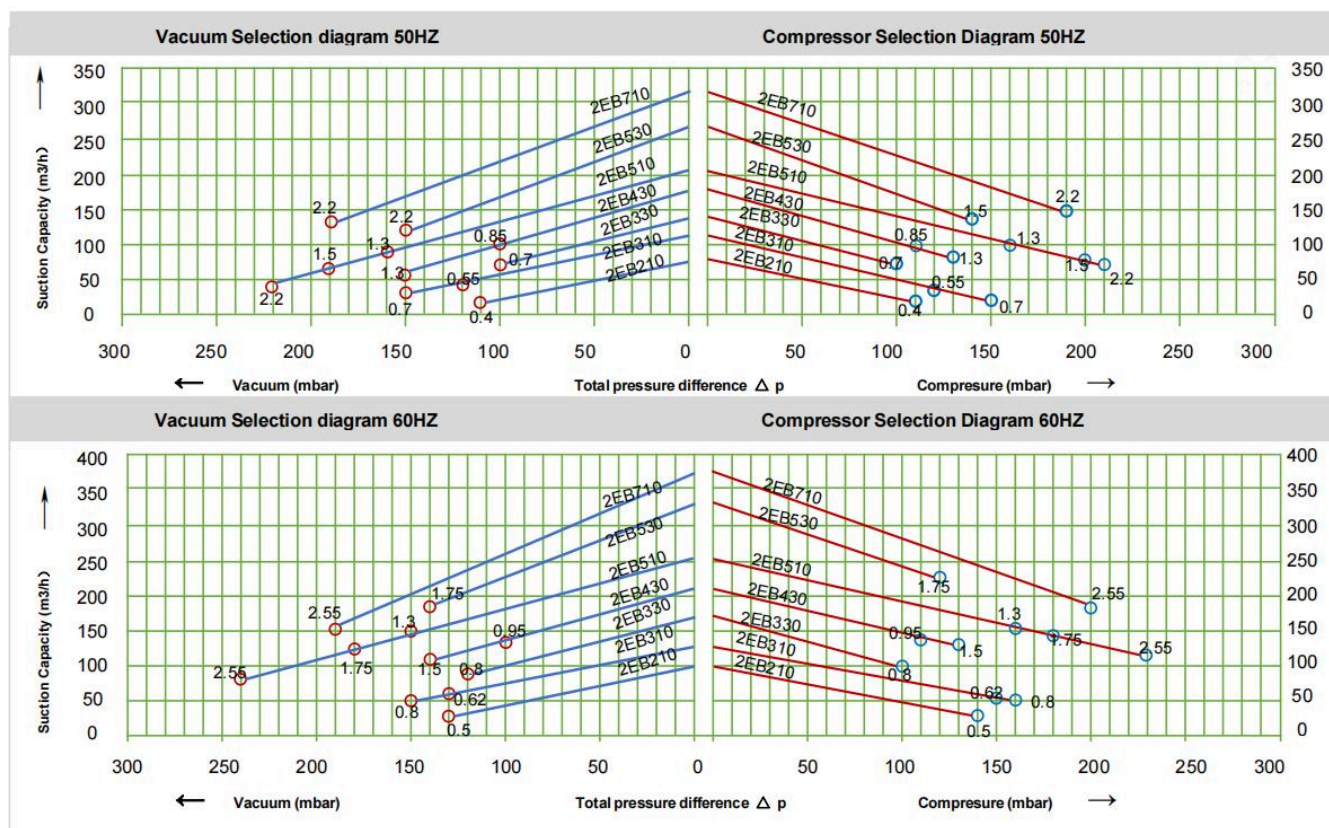
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
2EB420A31	Double	50	1.5	220-240V	9	150	-260	260	66	28
2EB420A31	Double	60	1.75	220-240V	9.5	180	-300	290	69	28
2EB420A41	Double	50	2.2	220-240V	10	150	-265	265	66	31
2EB420A41	Double	60	2.55	220-240V	11	180	-310	300	69	31
2EB430A11	Double	50	0.85	220-240V	5.2	180	-100	110	64	16
2EB430A11	Double	60	0.95	220-240V	5.8	210	-100	110	66	16
2EB430A21	Double	50	1.3	220-240V	7.3	180	-150	140	64	17
2EB430A21	Double	60	1.5	220-240V	8.3	210	-140	130	66	17
2EB510A21	Single	50	0.85	220-240V	5	210	-160	160	64	20
2EB510A21	Single	60	0.95	220-240V	5.8	255	-145	140	70	20
2EB510A01	Single	50	1.3	220-240V	7.3	210	-170	170	64	22
2EB510A01	Single	60	1.5	220-240V	7.5	255	-150	140	70	22
2EB510A11	Single	50	1.5	220-240V	9	210	-200	190	64	24
2EB510A11	Single	60	1.75	220-240V	9.5	255	-220	210	70	24
2EB510A21	Single	50	2.2	220-240V	10	210	-220	210	64	26
2EB510A21	Single	60	2.55	220-240V	11	255	-240	230	70	26
2EB530A21	Single	50	1.5	220-240V	10.4	270	-150	140	65	26
2EB530A21	Single	60	1.75	220-240V	11.2	330	-120	110	71	26
2EB610A11	Single	50	2.2	220-240V	10	270	-230	250	64	30
2EB610A11	Single	60	2.55	220-240V	11	315	-250	270	70	30
2EB710A11	Single	50	2.2	220-240V	12.8	318	-190	190	72	30
2EB710A11	Single	60	2.55	220-240V	12.8	376	-190	200	74	30



منحنيات أداء 2EB 1AC - 50 HZ / 2EB 1AC PERFORMANCE CURVES - 50 HZ

2EB 1AC Performance Curves - 50 Hz

منحنيات أداء 2EB 1AC - 50 Hz



2EB 1AC Performance Curves - 50 Hz

Vacuum

Total pressure difference - Delta p

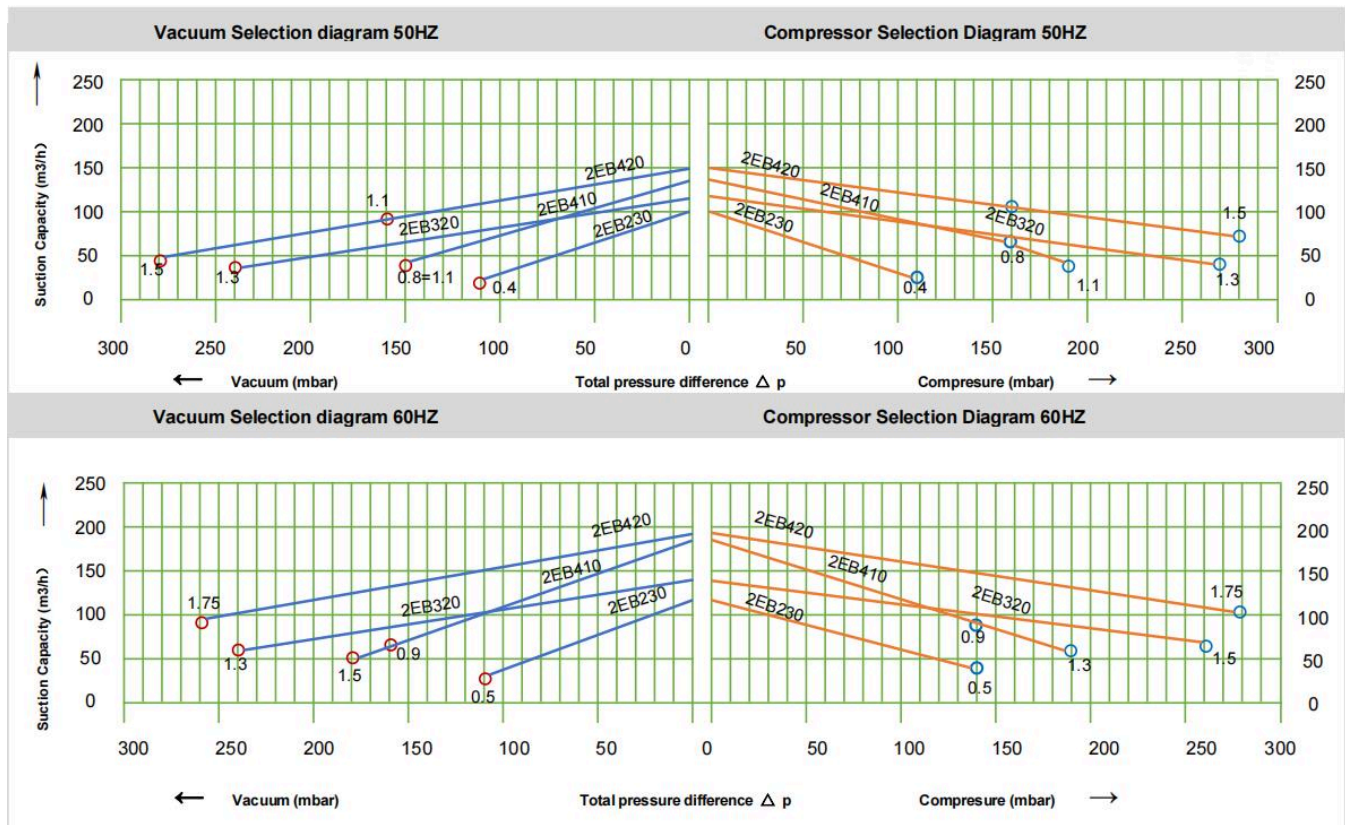
Pressure



2EB 1AC - 60 HZ / 2EB 1AC PERFORMANCE CURVES - 60 HZ

2EB 1AC Performance Curves - 60 Hz

منحنيات أداء 2EB 1AC - 60 Hz



2EB 1AC Performance Curves - 60 Hz

Vacuum

Total pressure difference - Delta p

Pressure

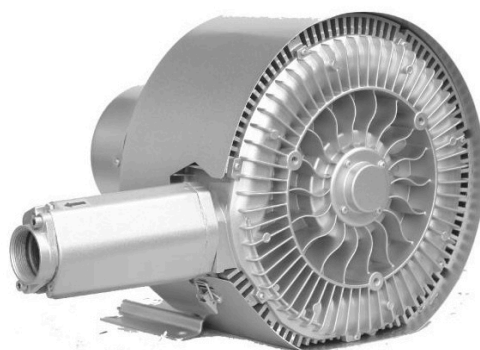


2EB 3AC - 210/230 / 2EB 3AC SPECIFICATION - 210/230 مواصفات

2EB 3AC Specification - 210/230

2EB 3AC - 210/230 مواصفات

Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m3/h	mbar	mbar	dB(A)	kg
2EB210H16	Single	50	0.4	200-240 Δ 345-415Y	2.6Δ /1.5Y	80	-120	130	53	10
2EB210H16	Single	60	0.5	220-275 Δ 380-480Y	2.6Δ /1.5Y	98	-150	160	56	10
2EB220H26	Double	50	0.7	200-240 Δ 345-415Y	3.8Δ /2.2Y	85	-210	240	55	11
2EB220H26	Double	60	0.83	220-275 Δ 380-480Y 3.	7 5 Δ /2.15Y	102	-250	250	61	11
2EB230H16	Single	50	0.4	200-240 Δ 345-415Y	2.6Δ /1.5Y	105	-120	130	54	12
2EB230H16	Single	60	0.5	220-275 Δ 380-480Y	2.6Δ /1.5Y	120	-150	160	57	12
2EB230H26	Single	50	0.7	200-240 Δ 345-415Y	3.8Δ /2.2Y	105	-120	140	54	15
2EB230H26	Single	60	0.83	220-275 Δ 380-480Y	3.8Δ /2.2Y	120	-160	180	57	15

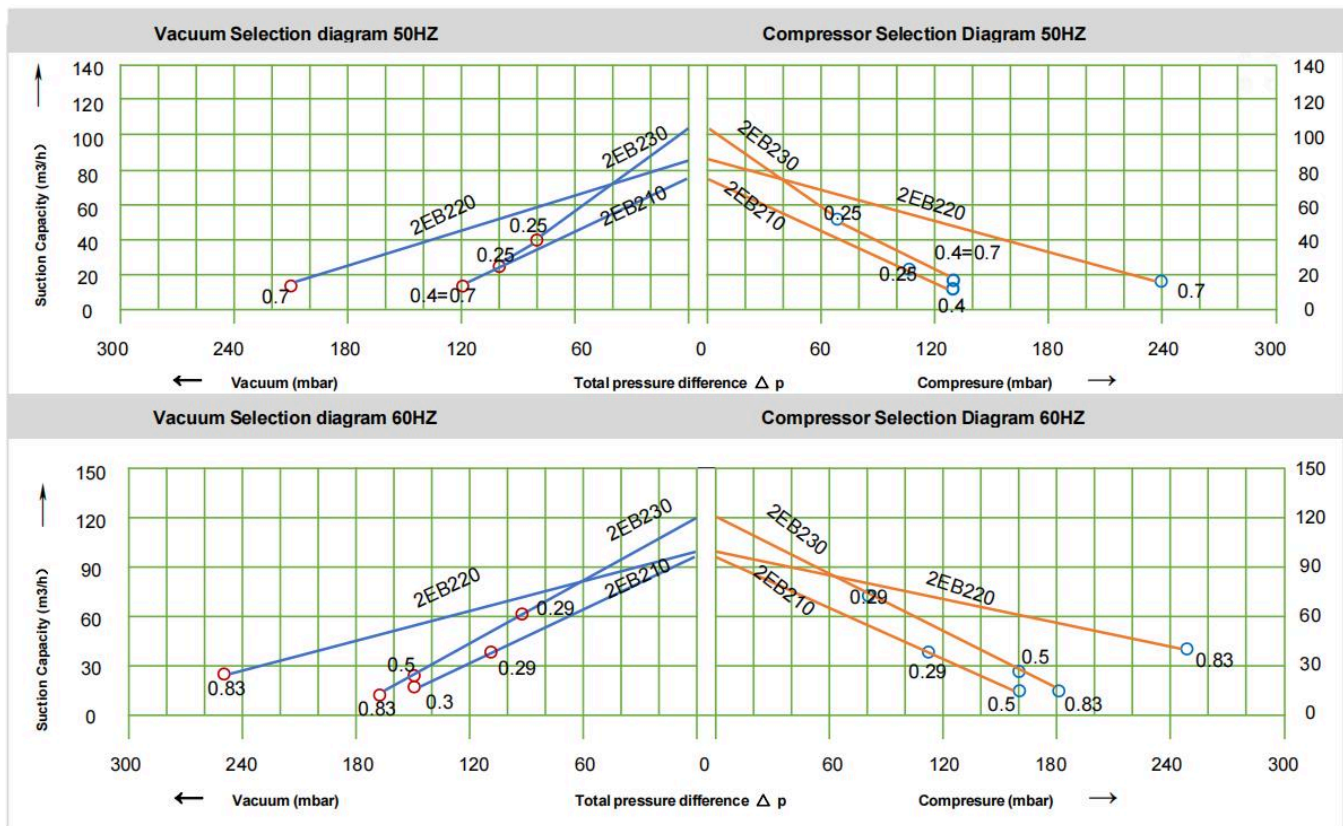




منحنيات 2EB 3AC - 210/230 / 2EB 3AC CURVES - 210/230

2EB 3AC Curves - 210/230

منحنيات 2EB 3AC - 210/230



2EB 3AC Curves - 210/230

Vacuum

Total pressure difference - Delta p

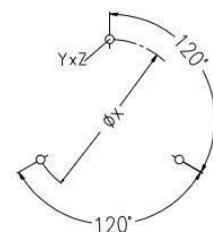
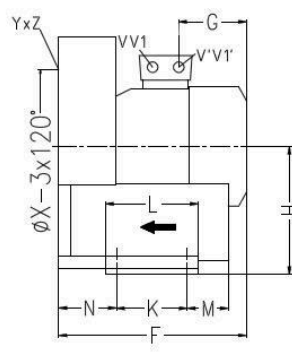
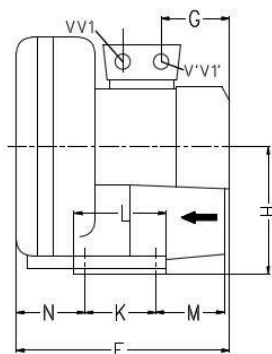
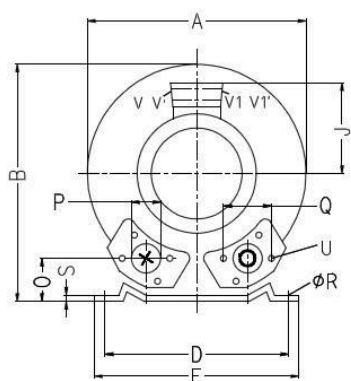
Pressure



2EB 2 / 210/230 - أبعاد المرحلة EB SINGLE-STAGE DIMENSIONS - 210/230

2EB Single-Stage Dimensions - 210/230

أبعاد 2EB أحادي المرحلة - 210/230



2EB Single
Stage
Dimension
- 210/230

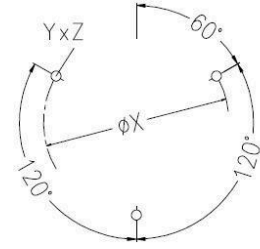
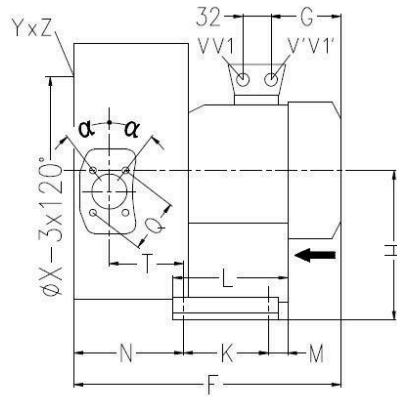
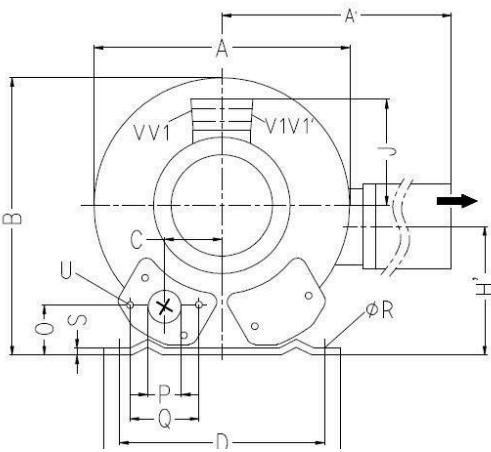
MODEL	AC	A	B	C	D	E	F	G	H	J	K	L	M	N
2EB210H06	3AC	246	247	90	205	230	219	92	128	101	83	108	75	71
2EB210H16	3AC	246	247	90	205	230	256	135	128	111	83	108	75	71
2EB230H06	3AC	246	247	90	205	230	242	102	128	101	83	108	75	82
2EB230H16	3AC	246	247	90	205	230	267	135	128	111	83	108	75	82
2EB230H26	3AC	246	247	90	205	230	267	135	128	111	83	108	75	82
2EB210A11	1AC	246	247	90	205	230	256	135	128	111	83	108	75	71
2EB230A11	1AC	246	247	90	205	230	267	135	128	111	83	108	75	82

MODEL	AC	O	P	Q	R	S	U	V(1-)	V'(1-)	V1(3-)	V1'(3-)	YxZ	X-Holes	φ X
2EB210H06	3AC	39	G11/4	64	10	3	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
2EB210H16	3AC	39	G11/4	64	10	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
2EB230H06	3AC	39	G11/4	64	10	3	M6x21	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
2EB230H16	3AC	39	G11/4	64	10	3	M6x22	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
2EB230H26	3AC	39	G11/4	64	10	3	M6x23	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
2EB210A11	1AC	39	G11/4	64	10	3	M6x20	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	140
2EB230A11	1AC	39	G11/4	64	10	3	M6x25	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	140

أبعاد EB 2 / 220 ثنائي المرحلة - 220 EB DOUBLE-STAGE DIMENSIONS - 220

2EB Double-Stage Dimensions - 220

أبعاد 2EB ثنائي المرحلة - 220



2EB
Double-
Stage
Dimension
- 220

MODEL	AC	A	A'	B	C	D	E	F
2EB220H26	3AC	284	316	270	45	205	230	316
N	O	P	Q	R	S	T	U	V(1~)
130	39	G1 1/4	64	10	2.5	88	M6x17	-----

MODEL	AC	G	H	H'	J	K	L	M
2EB220H26	3AC	135	128	106	111	83	108	75
N	O	V(1~)	V1(3~)	V1'(3~)	YxZ	X-Holes	φ X	α
130	39	-----	M25x1.5	M16x1.5	M6x15	51°/171°/291°	140	27°



2EB 3AC - 310/330 / 2EB 3AC SPECIFICATION - 310/330 مواصفات 2

2EB 3AC Specification - 310/330

2EB 3AC - 310/330 مواصفات 2

Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
2EB310H06	Single	50	0.55	200-240 Δ 345-415Y	2.8Δ /1.6Y	100	-110	120	55	11
2EB310H06	Single	60	0.63	220-275 Δ 380-480Y	3.0Δ /1.7Y	120	-110	120	57	11
2EB310H16	Single	50	0.7	200-240 Δ 345-415Y	3.8 Δ /2.2Y	100	-150	150	55	12
2EB310H16	Single	60	0.83	220-275 Δ 380-480Y	3.8 Δ /2.2Y	120	-150	140	57	12
2EB330H06	Single	50	0.55	200-240 Δ 345-415Y	2.8Δ /1.6Y	140	-60	60	56	12
2EB330H06	Single	60	0.63	220-275 Δ 380-480Y	3.0Δ /1.7Y	165	-50	50	58	12
2EB330H16	Single	50	0.7	200-240 Δ 345-415Y	3.8 Δ /2.2Y	140	-100	100	56	13
2EB330H16	Single	60	0.83	220-275 Δ 380-480Y	3.8 Δ /2.2Y	165	-115	100	58	13
2EB320H26	Double	50	0.85	200-240 Δ 345-415Y	4.2 Δ /2.4Y	110	-200	230	58	17
2EB320H26	Double	60	0.95	220-275 Δ 380-480Y	4.0 Δ /2.3Y	130	-240	240	60	17
2EB320H36	Double	50	1.3	200-240 Δ 345-415Y	5.7Δ /3.3Y	110	-280	290	58	18
2EB320H36	Double	60	1.5	220-275 Δ 380-480Y	6.0Δ /3.5Y	130	-300	400	60	18

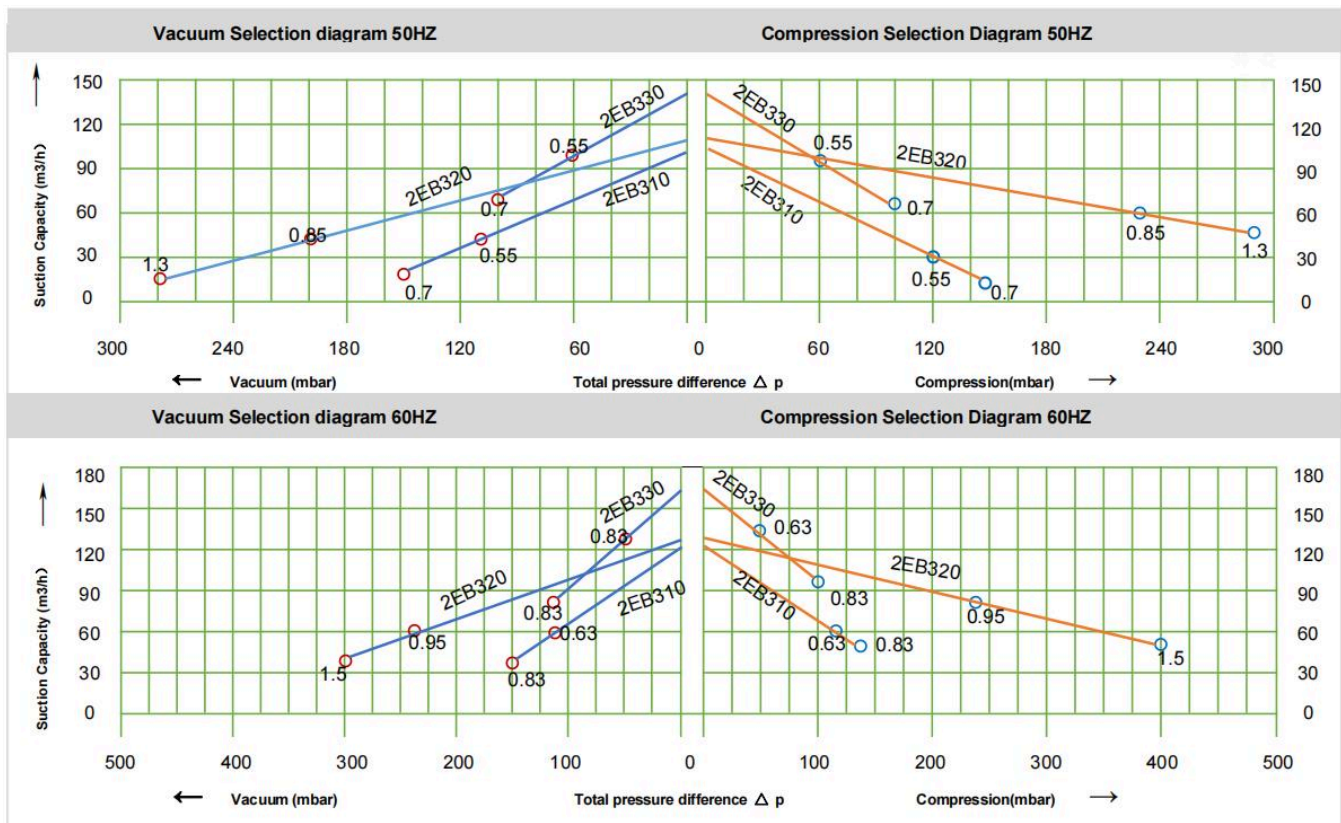




2 EB 3AC - 310/330 / 2EB 3AC CURVES - 310/330 منحنیات

2EB 3AC Curves - 310/330

منحنیات 2EB 3AC - 310/330



2EB 3AC Curves - 310/330

Vacuum

Total pressure difference - Delta p

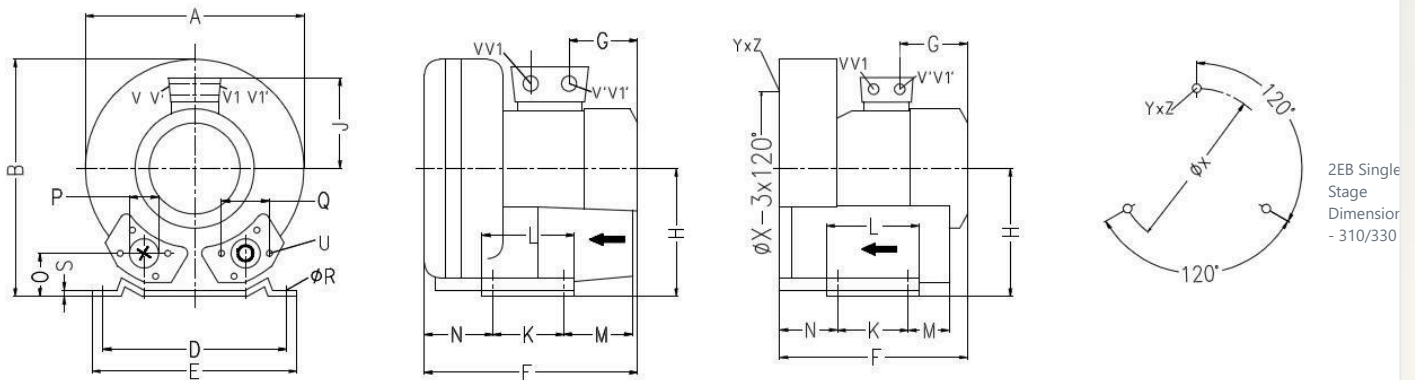
Pressure



2EB SINGLE-STAGE DIMENSIONS - 310/330 أبعاد 2EB أحادي المرحلة - 310/330

2EB Single-Stage Dimensions - 310/330

أبعاد 2EB أحادي المرحلة - 310/330

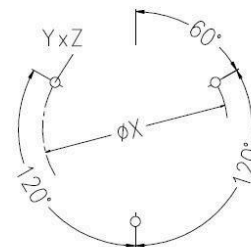
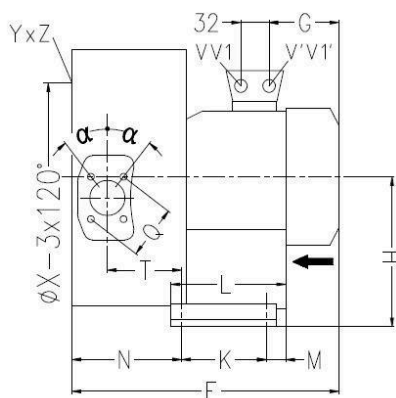


MODEL	AC	A	B	C	D	E	F	G	H	J	K	L	M	N
2EB310H06	3AC	268	272	93	205	230	260	92	141	101	83	108	82	69
2EB310H16	3AC	268	272	93	205	230	260	135	141	101	83	108	82	69
2EB330H06	3AC	268	272	93	205	230	276	102	141	101	83	108	82	85
2EB330H16	3AC	268	272	93	205	230	276	135	141	101	83	108	82	85
2EB310A01	1AC	268	272	93	205	230	260	135	141	101	83	108	82	69
2EB310A11	1AC	268	272	93	205	230	260	135	141	101	83	108	82	69
2EB330A11	1AC	268	272	93	205	230	276	135	141	101	83	108	82	85

MODEL	AC	O	P	Q	R	S	U	V(1-)	V'(1-)	V1(3-)	V1'(3-)	YxZ	X-Holes	φ X
2EB310H06	3AC	41	G11/4	64	10	3	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	160
2EB310H16	3AC	41	G11/4	64	10	3	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	160
2EB330H06	3AC	41	G11/4	64	10	3	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	160
2EB330H16	3AC	41	G11/4	64	10	3	M6x17	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	160
2EB310A01	1AC	41	G11/4	64	10	3	M6x17	M25x1.5	M16x1.5	-	-	M6x15	0°/120°/240°	160
2EB310A11	1AC	41	G11/4	64	10	3	M6x17	M25x1.5	M16x1.5	-	-	M6x15	0°/120°/240°	160
2EB330A11	1AC	41	G11/4	64	10	3	M6x17	M25x1.5	M16x1.5	-	-	M6x15	0°/120°/240°	160

2EB Double-Stage Dimensions - 320

أبعاد 2EB ثنائي المرحلة - 320



2EB
Double-
Stage
Dimension
- 320

MODEL	AC	H	H'	J	K	L	M	N
2EB320H36	3AC	141	114	120	83	108	82	138
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	$\frac{\pi}{2}$ X	α	
	41	M25x1.5	M16x1.5	M6x15	51°/171°/291°	160	27°	
MODEL	AC	H	H'	J	K	L	M	N
2EB320A31	1AC	141	114	120	83	108	82	138
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	$\frac{\pi}{2}$ X	α	
	41	-----	-----	M6x15	51°/171°/291°	160	27°	

2EB 3AC - 410/430/490 / 2EB 3AC SPECIFICATION - 410/430/490 مواصفات 2

2EB 3AC Specification - 410/430/490

مواصفات 2EB 3AC - 410/430/490

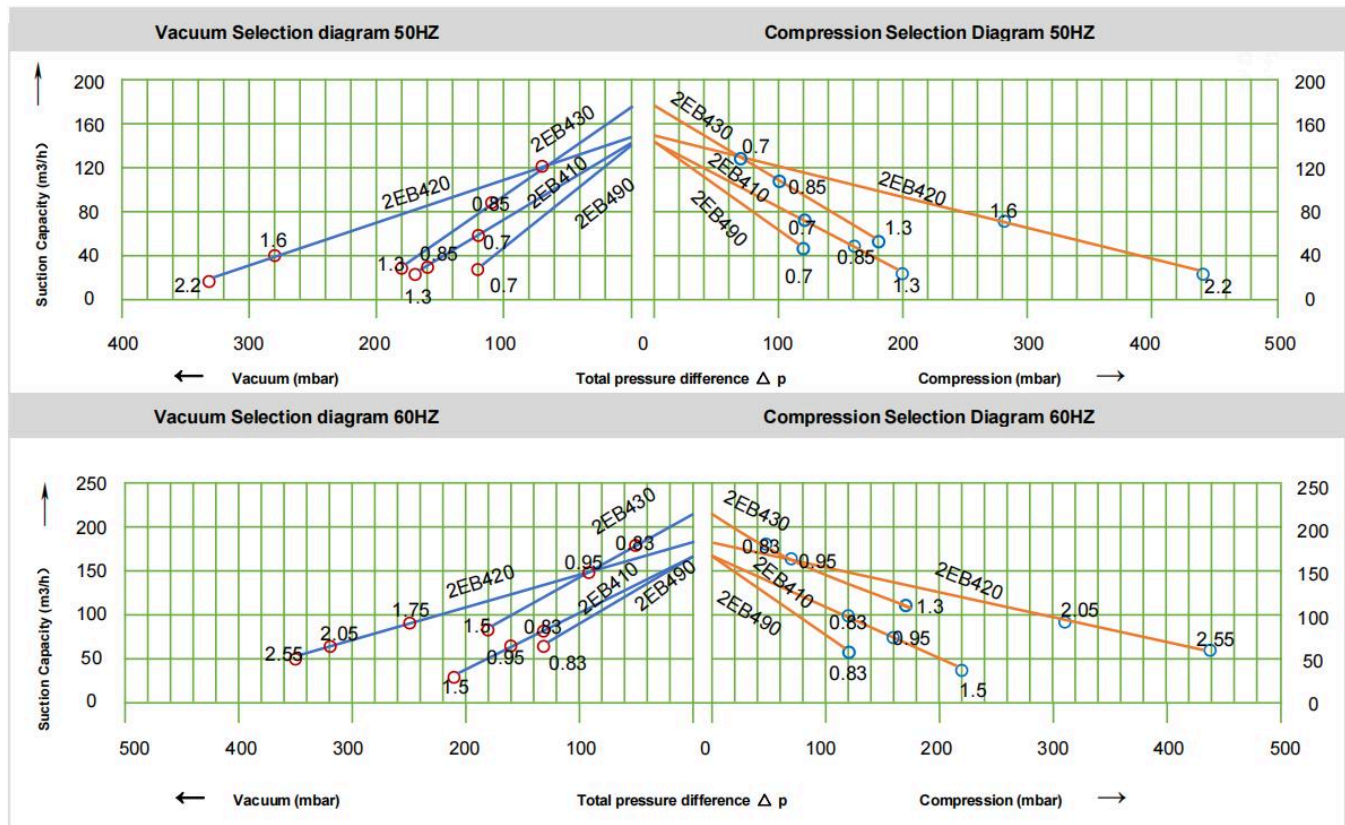
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m3/h	mbar	mbar	dB(A)	kg
2EB410H06	Single	50	0.7	200-240 Δ 345-415Y	3.8 Δ / 2.2Y	145	-120	120	63	15
2EB410H06	Single	60	0.83	220-275 Δ 380-480Y 3	. 7 5 Δ / 2.15Y	175	-140	140	64	15
2EB410H16	Single	50	0.85	200-240 Δ 345-415Y	4.0 Δ / 2.3Y	145	-160	160	63	17
2EB410H16	Single	60	0.95	220-275 Δ 380-480Y	3.8 5 Δ / 2.2 5Y	175	-160	160	64	17
2EB410H26	Single	50	1.3	200-240 Δ 345-415Y	5.7Δ / 3.3Y	145	-170	200	63	18
2EB410H26	Single	60	1.5	220-275 Δ 380-480Y	6.0Δ / 3.5Y	175	-210	220	64	18
2EB430H06	Single	50	0.7	200-240 Δ 345-415Y	3.8 Δ / 2.2Y	180	-70	70	64	14
2EB430H06	Single	60	0.83	220-275 Δ 380-480Y	3.8 Δ / 2.2Y	210	-50	50	65	14
2EB430H16	Single	50	0.85	200-240 Δ 345-415Y	4.2 Δ / 2.4Y	180	-110	100	64	17
2EB430H16	Single	60	0.95	220-275 Δ 380-480Y	4.0 Δ / 2.3Y	210	-90	70	65	17
2EB430H26	Single	50	1.3	200-240 Δ 345-415Y	6.6Δ / 3.8Y	180	-180	180	64	18
2EB430H26	Single	60	1.5	220-275 Δ 380-480Y	6.9 Δ / 4.0Y	210	-180	170	65	18
2EB490H16	Single	50	0.70	200-240 Δ 345-415Y	2.5Δ / 1.4Y	140	-120	120	63	14
2EB490H16	Single	60	0.83	220-275 Δ 380-480Y	2.7Δ / 1.6Y	175	-140	140	64	14
2EB420H36	Double	50	1.6	200-240 Δ 345-415Y	7.5 Δ / 4.3Y	150	-280	280	66	25
2EB420H36	Double	60	2.05	220-275 Δ 380-480Y	7.6 Δ / 4.4Y	180	-320	310	69	25
2EB420H46	Double	50	2.2	200-240 Δ 345-415Y	9.7 Δ / 5.6Y	150	-330	420	66	27
2EB420H46	Double	60	2.55	220-275 Δ 380-480Y	10 Δ / 5.8 Y	180	-350	440	69	27



منحنيات 2EB 3AC - 410/430/490 / 2EB 3AC CURVES - 410/430/490

2EB 3AC Curves - 410/430/490

منحنيات 2EB 3AC - 410/430/490



2EB 3AC Curves - 410/430/490

Vacuum

Total pressure difference - Delta p

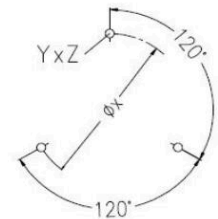
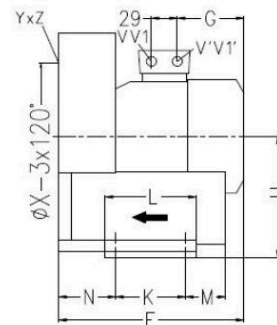
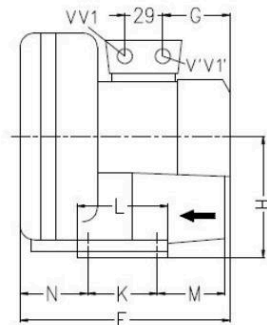
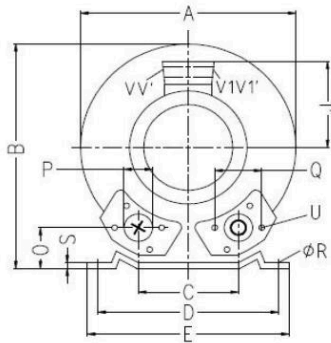
Pressure



2EB SINGLE-STAGE DIMENSIONS - 410/430/490

2EB Single-Stage Dimensions - 410/430/490

أبعاد 2EB أحادي المرحلة - 410/430/490



2EB Single-Stage Dimension - 410/430/490

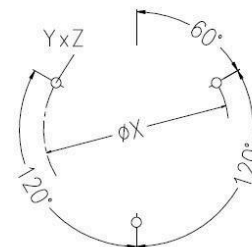
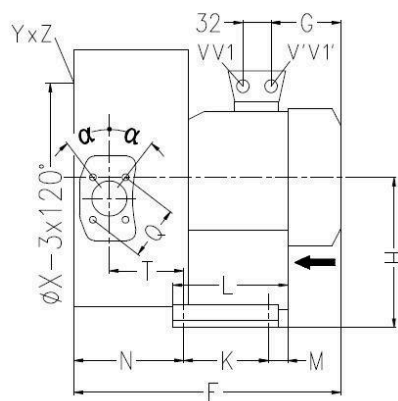
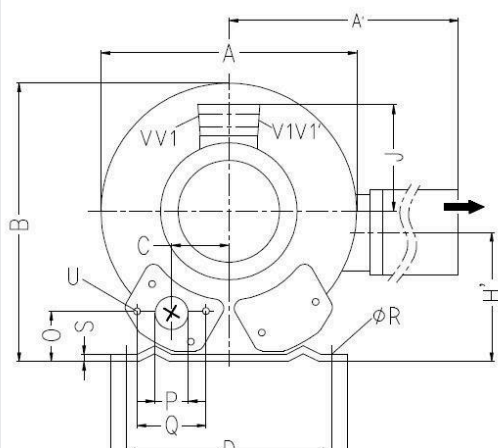
MODEL	AC	A	B	C	D	E	F	G	H	J	K	L	M	N
2EB410H06	3AC	286	302	115	225	255	269	135	154	111	95	130	70	75
2EB410H16	3AC	286	302	115	225	255	292	160	154	120	95	130	70	75
2EB410H26	3AC	286	302	115	225	255	292	160	154	120	95	130	70	75
2EB430H06	3AC	286	302	115	225	255	288	135	154	111	95	130	70	75
2EB430H16	3AC	286	302	115	225	255	311	160	154	120	95	130	70	75
2EB430H26	3AC	286	302	115	225	255	311	160	154	120	95	130	70	75
2EB490H16	3AC	286	302	115	225	255	311	160	154	120	95	130	70	75
2EB410A11	1AC	286	302	115	225	255	294	160	154	120	95	130	70	75
2EB410A21	1AC	286	302	115	225	255	294	160	154	120	95	130	70	75
2EB430A11	1AC	286	302	115	225	255	311	160	154	120	95	130	70	75
2EB430A21	1AC	286	302	115	225	255	311	160	154	120	95	130	70	75

MODEL	AC	O	P	Q	R	S	U	V(1-)	V'(1-)	V1(3-)	V1'(3-)	YxZ	X-Holes	φ X
2EB410H06	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB410H16	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB410H26	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB430H06	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB430H16	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB430H26	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB490H16	3AC	46	G11/2	72	12	3	M6x19	-	-	M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
2EB410A11	1AC	46	G11/2	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174
2EB410A21	1AC	46	G11/2	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174
2EB430A11	1AC	46	G11/2	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174
2EB430A21	1AC	46	G11/2	72	12	3	M6x19	M16x1.5	M25x1.5	-	-	M6x15	0°/120°/240°	174

EB DOUBLE-STAGE DIMENSIONS - 420 ثنائي المرحلة - EB 2 / 420 أبعاد 2

2EB Double-Stage Dimensions - 420

أبعاد 2EB ثنائي المرحلة - 420

2EB
Double-
Stage
Dimension
- 420

MODEL	AC	A	A'	B	C	D	E	F	G
2EB420H36	3AC	322	324	315	58	255	255	401	191
	O	P	Q	R	S	T	U	V(1~)	V'(1~)
	45	G1 1/2	72	12	3	104	M6x19	-----	-----
MODEL	AC	A	A'	B	C	D	E	F	G
2EB420H46	3AC	322	324	315	58	255	255	401	191
	O	P	Q	R	S	T	U	V(1~)	V'(1~)
	45	G1 1/2	72	12	3	104	M6x19	-----	-----
MODEL	AC	A	A'	B	C	D	E	F	G
2EB420A31	1AC	322	324	315	58	255	255	401	191
	O	P	Q	R	S	T	U	V(1~)	V'(1~)
	45	G1 1/2	72	12	3	104	M6x19	M16x1.5	M25x1.5

MODEL	AC	H	H'	J	K	L	M	N
2EB420H36	3AC	154	153	128	95	130	73	151
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	⌀ X	α	
	45	M25x1.5	M16x1.5	M6x15	51°/171°/291°	174	28°	
MODEL	AC	H	H'	J	K	L	M	N
2EB420H46	3AC	154	153	128	95	130	73	151
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	⌀ X	α	
	45	M25x1.5	M16x1.5	M6x15	51°/171°/291°	174	28°	
MODEL	AC	H	H'	J	K	L	M	N
2EB420A31	1AC	154	153	128	95	130	73	151
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	⌀ X	α	
	45	-----	-----	M6x15	51°/171°/291°	174	28°	



2 مواصفات EB 3AC - 510/520/530/590 / 2EB 3AC SPECIFICATION - 510/520/530/590

2EB 3AC Specification - 510/520/530/590

2EB 3AC - 510/520/530/590 مواصفات

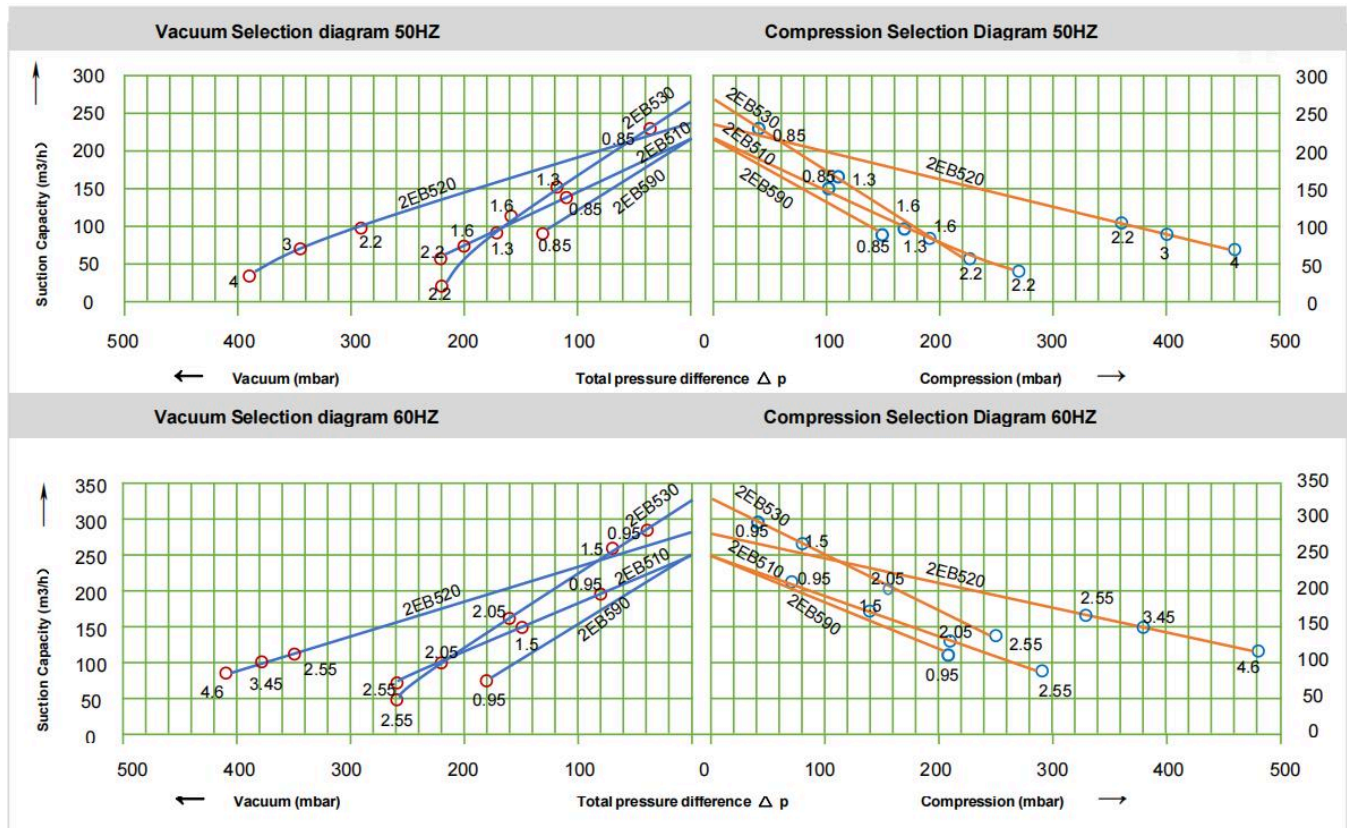
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m3/h	mbar	mbar	dB(A)	kg
2EB510H06	Single	50	0.85	200-240 Δ 345-415Y	4.2Δ / 2.3Y	210	-160	170	64	20
2EB510H06	Single	60	0.95	220-275 Δ 380-480Y	4.0Δ / 2.4Y	255	-150	160	70	20
2EB510H16	Single	50	1.3	200-240 Δ 345-415Y	6.6Δ / 3.8Y	210	-170	170	64	22
2EB510H16	Single	60	1.5	220-275 Δ 380-480Y	6.9 Δ /4.0Y	255	-180	190	70	22
2EB510H26	Single	50	1.6	200-240 Δ 345-415Y	7.5 Δ /4.3Y	210	-200	190	64	23
2EB510H26	Single	60	2.05	220-275 Δ 380-480Y	7.6 Δ /4.4Y	255	-220	210	70	23
2EB510H36	Single	50	2.2	200-240 Δ 345-415Y	9.7Δ / 5.6Y	210	-220	270	64	25
2EB510H36	Single	60	2.55	220-275 Δ 380-480Y	10.3Δ /6.0Y	255	-260	290	70	25
2EB530H06	Single	50	0.85	200-240 Δ 345-415Y	4.0 Δ 2.3Y	270	-100	100	65	21
2EB530H06	Single	60	0.95	220-275 Δ 380-480Y	4.2 Δ /2.4Y	330	-110	110	71	21
2EB530H16	Single	50	1.3	200-240 Δ 345-415Y	6.6 Δ /3.8Y	270	-120	110	65	23
2EB530H16	Single	60	1.5	220-275 Δ 380-480Y	6.9 Δ /4.0Y	330	-130	130	71	23
2EB530H26	Single	50	1.6	200-240 Δ 345-415Y	7.5Δ / 4.3Y	270	-150	150	65	24
2EB530H26	Single	60	2.05	220-275 Δ 380-480Y	7.6 Δ /4.4Y	330	-150	150	71	24
2EB530H36	Single	50	2.2	200-240 Δ 345-415Y	9.7 Δ /5.6Y	270	-220	230	65	26
2EB530H36	Single	60	2.55	220-275 Δ 380-480Y	1 0.3Δ /6Y	330	-260	250	71	26
2EB590H26	Single	50	0.85	200-240 Δ 345-415Y	5.7 Δ 3.3Y	210	-130	150	64	23
2EB590H26	Single	60	0.95	220-275 Δ 380-480Y	6.0 Δ /3.5Y	255	-180	210	70	23
2EB520H36	Double	50	2.2	200-240 Δ 345-415Y	9.7 Δ /5.6Y	230	-290	360	72	25
2EB520H36	Double	60	2.55	220-275 Δ 380-480Y	10.3Δ /6.0Y	275	-350	330	74	25
2EB520H46	Double	50	3	200-240 Δ 345-415Y	12.5Δ /7.2Y	230	-340	410	72	40
2EB520H46	Double	60	3.45	220-275 Δ 380-480Y	12.6Δ / 7.3Y	275	-380	360	74	40
2EB520H57	Double	50	4	345-415 Δ 600-720Y	1 0Δ /5 . 8Y	230	-390	490	72	44
2EB520H57	Double	60	4.6	380-480 Δ 660-720Y	9.9Δ /5 . 71Y	275	-410	480	74	44



2 EB 3 AC - 510/520/530/590 / 2EB 3 AC CURVES - 510/520/530/590 منحنیات

2EB 3AC Curves - 510/520/530/590

2EB 3AC - 510/520/530/590 منحنیات



2EB 3AC Curves - 510/520/530/590

Vacuum

Total pressure difference - Delta p

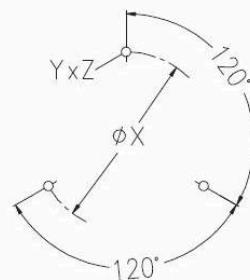
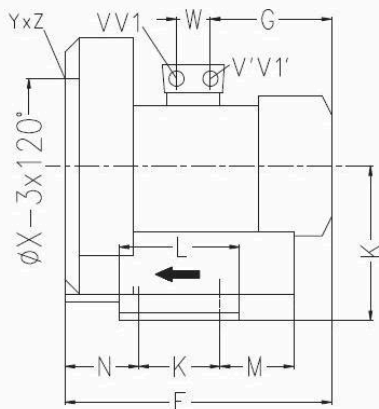
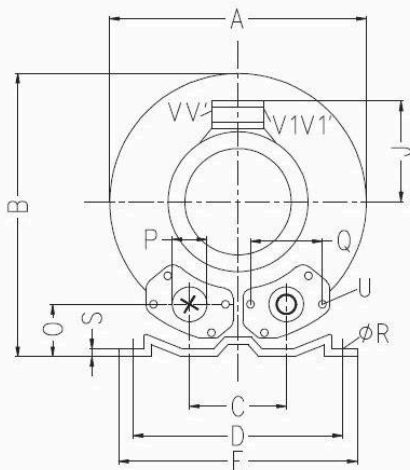
Pressure



أبعاد EB 2 / 510/530/590 - المرحلة EB SINGLE-STAGE DIMENSIONS - 510/530/590

2EB Single-Stage Dimensions - 510/530/590

أبعاد 2EB أحادي المرحلة - 510/530/590



2EB Single-Stage Dimensions - 510/530/590

MODEL	AC	A	B	C	D	E	F	G	H	J	K	L	M	N	O
2EB510H06	3AC	334	337	120	260	295	314	160	175	120	115	155	96	87	48
2EB510H16	3AC	334	337	120	260	295	314	160	175	120	115	155	96	87	48
2EB510H26	3AC	334	337	120	260	295	346	191	175	128	115	155	96	87	48
2EB510H36	3AC	334	337	120	260	295	346	191	175	128	115	155	96	87	48
2EB530H06	3AC	334	337	120	260	295	334	160	175	120	115	155	96	87	48
2EB530H16	3AC	334	337	120	260	295	334	160	175	120	115	155	96	87	48
2EB530H26	3AC	334	337	120	260	295	365	191	175	128	115	155	96	87	48
2EB530H36	3AC	334	337	120	260	295	365	191	175	128	115	155	96	87	48
2EB590H26	3AC	334	337	120	260	295	365	191	175	128	115	155	96	87	48
2EB510A11	1AC	334	337	120	260	295	314	160	175	120	115	155	96	87	48
2EB510A21	1AC	334	337	120	260	295	345	191	175	128	115	155	96	87	48

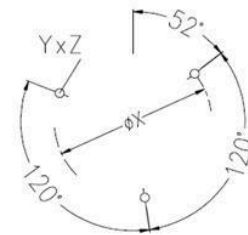
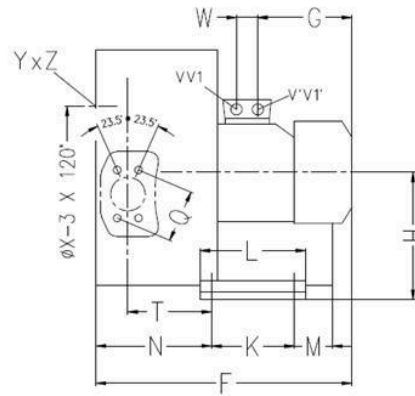
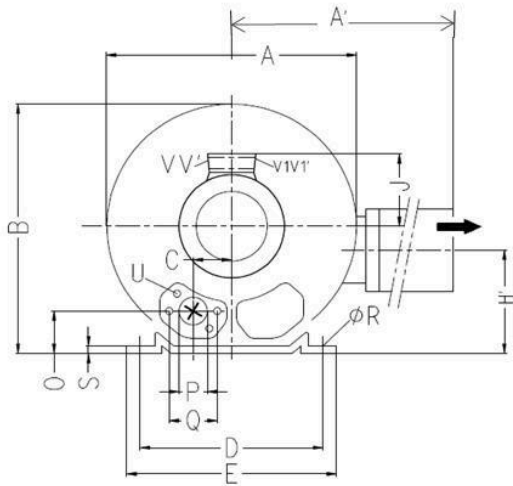
MODEL	AC	φ P	Q	R	S	U	V(1-)	V'(1-)	V1(3-)	V1'(3-)	YxZ	X-Holes	φ X	W
2EB510H06	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB510H16	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB510H26	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB510H36	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB530H06	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB530H16	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB530H26	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB530H36	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB590H26	3AC	55	83	14	4	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	200	29
2EB510A11	1AC	55	83	14	4	M8x17	M16x1.5	M25x1.5	-	-	M8x20	0°/120°/240°	200	29
2EB510A21	1AC	55	83	14	4	M8x17	M16x1.5	M25x1.5	-	-	M8x20	0°/120°/240°	200	29



أبعاد EB 2 / 520 ثنائي المرحلة - 2EB DOUBLE-STAGE DIMENSIONS - 520

2EB Double-Stage Dimensions - 520

أبعاد 2EB ثنائي المرحلة - 520



2EB
Double-
Stage
Dimension
- 520

MODEL	AC	A	A'	B	C	D	E	F	G
2EB520H46	3AC	372	411	371	60	260	295	465	190
	O	φ P	Q	φ R	S	T	U	V(1~)	V'(1~)
	48	55	83	14	4	116	M8x17	M32x1.5	M32x1.5
MODEL	AC	A	A'	B	C	D	E	F	G
2EB520H57	3AC	372	411	371	60	260	295	499	224
	O	φ P	Q	φ R	S	T	U	V(1~)	V'(1~)
	48	55	83	14	4	116	M8x17	M32x1.5	M32x1.5

MODEL	AC	H	H'	J	K	L	M	N
2EB520H46	3AC	175	144	135	115	155	98	171
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	φ X	W	
	48	M32x1.5	M32x1.5	M8x20	51.5°/171.5° /291.5°	200	42	
MODEL	AC	H	H'	J	K	L	M	N
2EB520H57	3AC	175	144	135	115	155	98	171
	O	V1(3~)	V1'(3~)	YxZ	X-Holes	φ X	W	
	48	M32x1.5	M32x1.5	M8x20	51.5°/171.5° /291.5°	200	42	

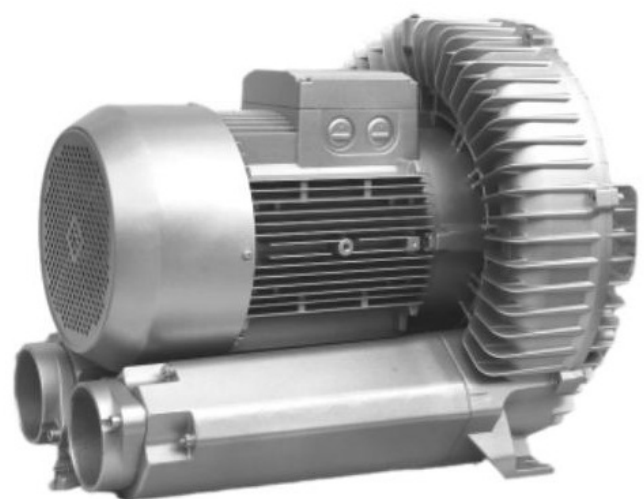


2 مواصفات EB 3AC - 610/630 / 2EB 3AC SPECIFICATION - 610/630

2EB 3AC Specification - 610/630

مواصفات 2EB 3AC - 610/630

Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
2EB610H06	Single	50	1.6	200-240 Δ 345-415Y	8.5 Δ / 4.9Y	265	-170	180	67	24
2EB610H06	Single	60	2.05	220-275 Δ 380-480Y	8.8 Δ / 5.5Y	315	-180	190	70	24
2EB610H16	Single	50	2.2	200-240 Δ 345-415Y	9.7 Δ / 5.6Y	265	-235	220	67	27
2EB610H16	Single	60	2.55	220-275 Δ 380-480Y	10.3Δ / 6.0Y	315	-245	230	70	27
2EB610H26	Single	50	3	200-240 Δ 345-415Y	12.5Δ / 7.2Y	270	-280	280	69	32
2EB610H26	Single	60	3.45	220-275 Δ 380-480Y	12.6Δ / 7.3Y	315	-260	270	72	32
2EB630H06	Single	50	1.6	200-240 Δ 345-415Y	8.5 Δ / 4.9Y	345	-125	125	70	36
2EB630H06	Single	60	2.05	220-275 Δ 380-480Y	8.8 Δ / 5.1 Y	415	-105	130	73	36
2EB630H16	Single	50	2.2	200-240 Δ 345-415Y	9.7 Δ / 5.6Y	345	-200	195	70	29
2EB630H16	Single	60	2.55	220-275 Δ 380-480Y	10.3Δ / 6.0Y	415	-170	195	73	29
2EB630H26	Single	50	3	200-240 Δ 345-415Y	12.5Δ / 7.2Y	345	-240	220	70	35
2EB630H26	Single	60	3.45	220-275 Δ 380-480Y	12.6Δ / 7.3Y	415	-210	220	73	35

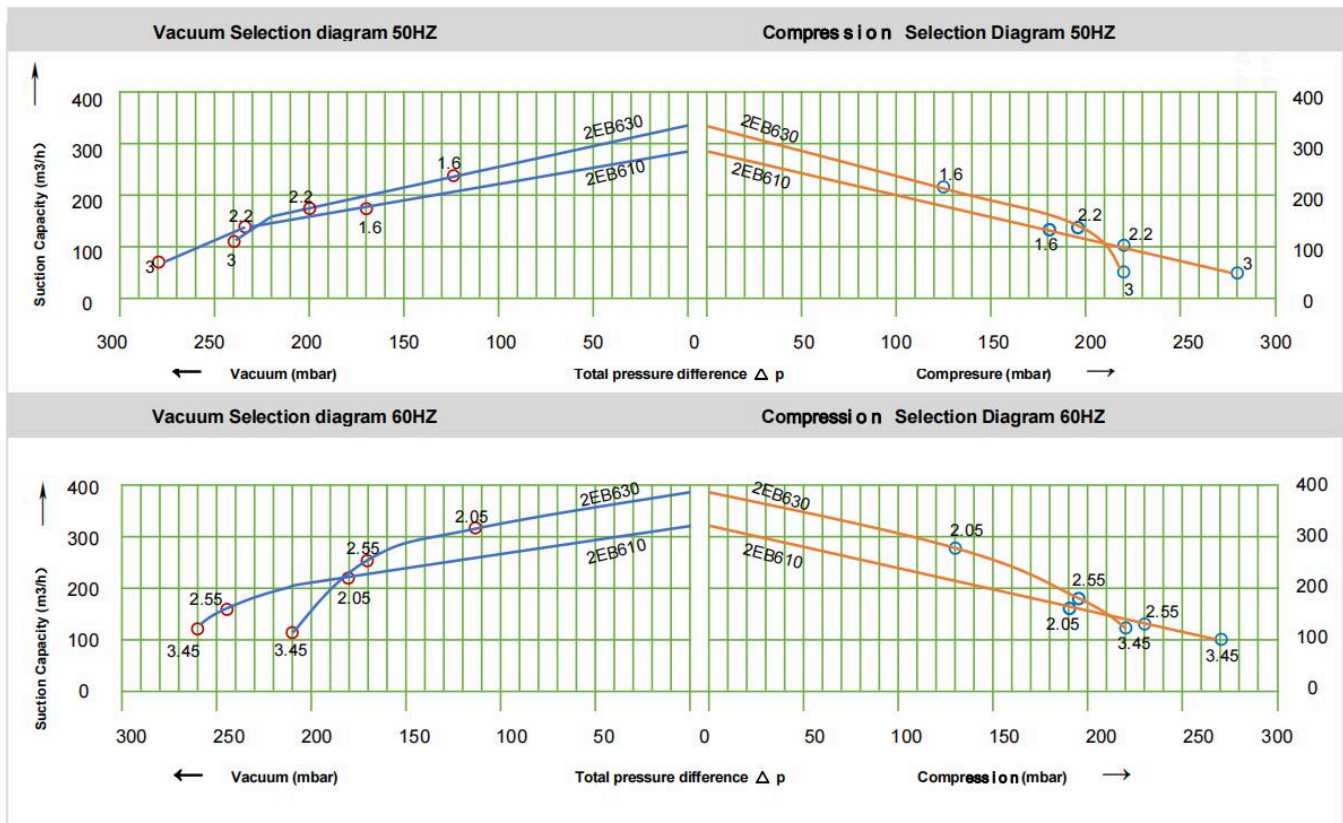




منحنيات 2EB 3AC - 610/630 / 2EB 3AC CURVES - 610/630

2EB 3AC Curves - 610/630

منحنيات 2EB 3AC - 610/630



2EB 3AC Curves - 610/630

Vacuum

Total pressure difference - Delta p

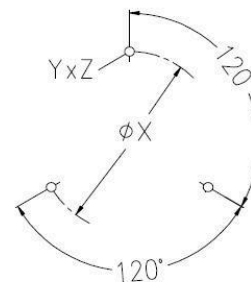
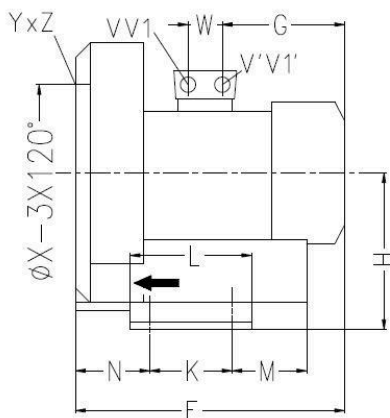
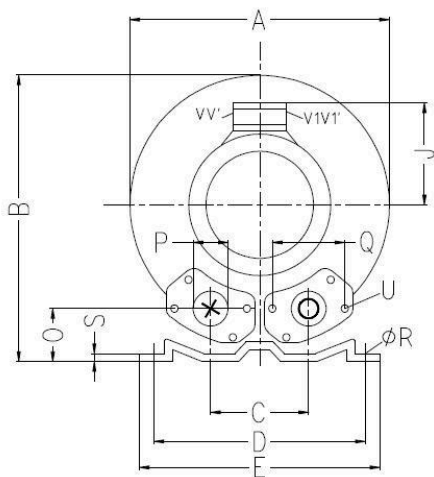
Pressure



2EB SINGLE-STAGE DIMENSIONS - 610/630 أبعاد 2EB أحادي المرحلة - 610/630

2EB Single-Stage Dimensions - 610/630

أبعاد 2EB أحادي المرحلة - 610/630



2EB Single
Stage
Dimension
- 610/630

MODEL	AC	A	B	C	D	E	F	G	H	J	K	L	M	N	O
2EB610H06	3AC	360	366	122	284	325	354	191	192	128	140	180	84	94	52
2EB610H16	3AC	360	366	122	284	325	354	191	192	128	140	180	84	94	52
2EB610H26	3AC	360	366	122	284	325	385	188	192	135	140	180	84	94	52
2EB630H06	3AC	360	366	122	284	325	372	191	192	128	140	180	84	94	52
2EB630H16	3AC	360	366	122	284	325	372	191	192	128	140	180	84	94	52
2EB630H26	3AC	360	366	122	284	325	403	188	192	135	140	180	84	94	52

MODEL	AC	P	Q	R	S	U	V(1~)	V'(1~)	V1(3~)	V1'(3~)	YxZ	X-Holes	ϕ X	W
2EB610H06	3AC	55	83	14	4.5	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	226	29
2EB610H16	3AC	55	83	14	4.5	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	226	29
2EB610H26	3AC	55	83	14	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M8x20	0°/120°/240°	226	42
2EB630H06	3AC	55	83	14	4.5	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	226	29
2EB630H16	3AC	55	83	14	4.5	M8x17	-	-	M25x1.5	M16x1.5	M8x20	0°/120°/240°	226	29
2EB630H26	3AC	55	83	14	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M8x20	0°/120°/240°	226	42

2 مواصفات EB 3AC - 710/720/730/740/790 / 2EB 3AC SPECIFICATION - 710/720/730/740/790

2EB 3AC Specification - 710/720/730/740/790

2EB 3AC - 710/720/730/740/790 مواصفات

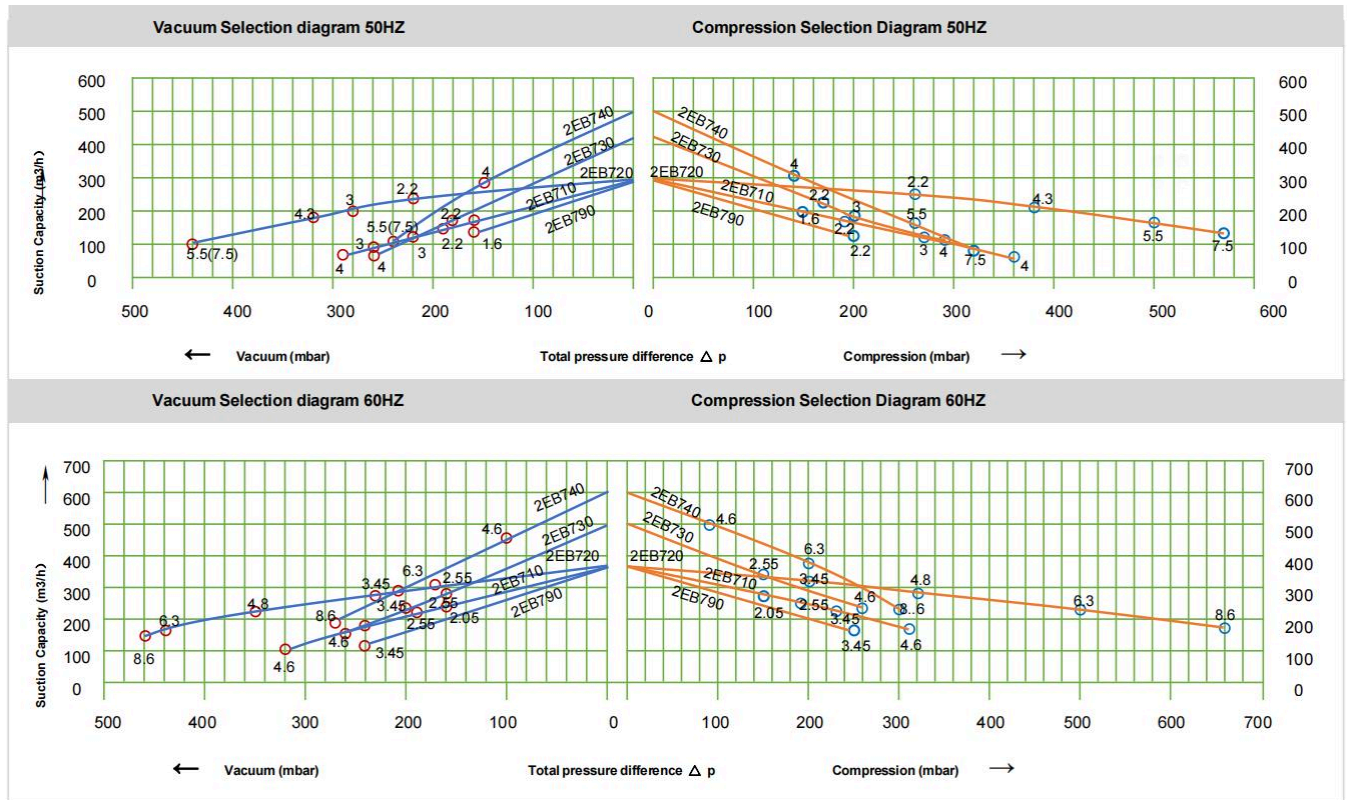
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m3/h	mbar	mbar	dB(A)	kg
2EB710H16	Single	50	2.2	200-240 Δ 345-415Y	9.7 A /5.6 Y	318	-190	190	69	31
2EB710H16	Single	60	2.55	220-275 Δ 380-480Y	10.3 Δ /6.0Y	376	-190	190	72	31
2EB710H26	Single	50	3	200-240 Δ 345-415Y	12.5 Δ/7.2 Y	318	-260	270	69	36
2EB710H26	Single	60	3.45	220-275 Δ 380-480Y	12.5 Δ/7.3 Y	376	-240	230	72	36
2EB710H37	Single	50	4	345-415 Δ 600-720Y	9.0 Δ /5.2 Y	318	-290	360	69	40
2EB710H37	Single	60	4.6	380-480 Δ 660-720Y	9.0 Δ /5.2 Y	376	-320	310	72	40
2EB710H47	Single	50	4.3	345-415 Δ 600-720Y	9.5 Δ /5.5 Y	318	-295	335	69	43
2EB710H47	Single	60	4.8	380-480 Δ 660-720Y	9.5 Δ /5.5 Y	376	-335	335	72	43
2EB720H16	Double	50	2.2	200-240 Δ 345-415Y	9.7 Δ /5.6 Y	320	-220	210	73	45
2EB720H16	Double	60	2.55	220-275 Δ 380-480Y	10.3 Δ /6.0Y	380	-170	150	76	45
2EB720H26	Double	50	3	200-240 Δ 345-415Y	12.5 Δ/7.2 Y	320	-280	260	73	49
2EB720H26	Double	60	3.45	220-275 Δ 380-480Y	12.6 Δ/7.3 Y	380	-230	200	76	49
2EB720H27	Double	50	4	345-415 Δ 600-720Y	9.0 Δ /5.2 Y	320	-355	375	73	53
2EB720H27	Double	60	4.6	380-480 Δ 660-720Y	9.4 Δ/5.2 Y	385	-345	315	76	53
2EB720H37	Double	50	4.3	345-415 Δ 600-720Y	10 Δ/5.2 Y	320	-360	380	73	56
2EB720H37	Double	60	4.8	380-480 Δ 660-720Y	10.4 Δ /6.0 Y	380	-350	320	76	56
2EB720H47	Double	50	5.5	345-415 Δ 600-720Y	13.3 Δ/7.7 Y	320	-440	500	73	70
2EB720H47	Double	60	6.3	380-480 Δ 660-720Y	13.3 Δ/7.7 Y	380	-440	500	76	70
2EB720H57	Double	50	7.5	345-415 Δ 600-720Y	16.7 Δ /9.6Y	320	-440	570	73	74
2EB720H57	Double	60	8.6	380-480 Δ 660-720Y	17.3 Δ/10.0Y	380	-460	660	76	74
2EB730H16	Single	50	2.2	200-240 Δ 345-415Y	9.7 Δ /5.6 Y	420	-180	170	70	32
2EB730H16	Single	60	2.55	220-275 Δ 380-480Y	10.3 Δ 6.0 Y	500	-160	150	73	32
2EB730H26	Single	50	3	200-240 Δ 345-415Y	12.5 Δ/7.2 Y	420	-220	200	70	37
2EB730H26	Single	60	3.45	220-275 Δ 380-480Y	12.6 Δ/7.3 Y	500	-200	170	73	37
2EB730H37	Single	50	4	345-415 Δ 600-720Y	9.0 Δ /5.2 Y	420	-260	280	70	43
2EB730H37	Single	60	4.6	380-480 Δ 660-720Y	9.0 Δ /5.2 Y	500	-260	260	73	43
2EB740H37	Double	50	4	345-415 Δ 600-720Y	9.0 Δ /5.2 Y	500	-150	140	74	54
2EB740H37	Double	60	4.6	380-480 Δ 660-720Y	9.0 Δ /5.2 Y	600	-100	90	78	54
2EB740H47	Double	50	5.5	345-415 Δ 600-720Y	13.3 Δ/7.7 Y	500	-240	260	74	69
2EB740H47	Double	60	6.3	380-480 Δ 660-720Y	13.3 Δ/7.7 Y	600	-210	200	78	69
2EB740H57	Double	50	7.5	345-415 Δ 600-720Y	16.7 Δ /9.6Y	500	-240	320	74	75
2EB740H57	Double	60	8.6	380-480 Δ 660-720Y	17.3 Δ/10.0Y	600	-270	300	78	75
2EB790H26	Single	50	2.2	200-240 Δ 345-415Y	12.5 Δ/7.2 Y	320	-160	200	69	36
2EB790H26	Single	60	2.55	220-275 Δ 380-480Y	12.6 Δ/7.3 Y	370	-240	250	72	36



منحنيات 2EB 3AC - 710/720/730/740/790 / 2EB 3AC CURVES - 710/720/730/740/790

2EB 3AC Curves - 710/720/730/740/790

منحنيات 2EB 3AC - 710/720/730/740/790



2EB 3AC Curves - 710/720/730/740/790

Vacuum

Total pressure difference - Delta p

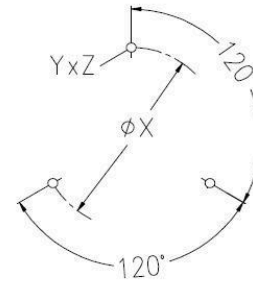
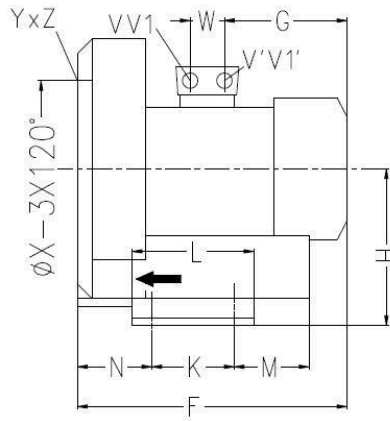
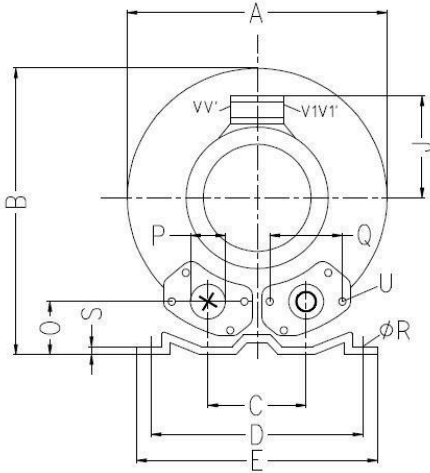
Pressure



2EB SINGLE-STAGE DIMENSIONS - 710/730/790

2EB Single-Stage Dimensions - 710/730/790

أبعاد 2EB أحادي المرحلة - 710/730/790



2EB Single-
Stage
Dimension
-
710/730/790

MODEL	AC	A	B	C	D	E	F	G	H	J	K	L	M	N	O
2EB710H06	3AC	382	384	125	290	325	377	191	197	128	140	180	84	109	54
2EB710H16	3AC	382	384	125	290	325	377	191	197	128	140	180	84	109	54
2EB710H26	3AC	382	384	125	290	325	409	188	197	135	140	180	84	109	54
2EB710H37	3AC	382	384	125	290	325	432	209	197	148	140	180	84	109	54
2EB730H06	3AC	382	384	125	290	325	387	191	197	128	140	180	84	109	54
2EB730H16	3AC	382	384	125	290	325	387	191	197	128	140	180	84	109	54
2EB730H26	3AC	382	384	125	290	325	419	189	197	135	140	180	84	109	54
2EB730H37	3AC	382	384	125	290	325	440	209	197	148	140	180	84	109	54
2EB790H26	3AC	382	384	125	290	325	377	185	197	128	140	180	84	109	54

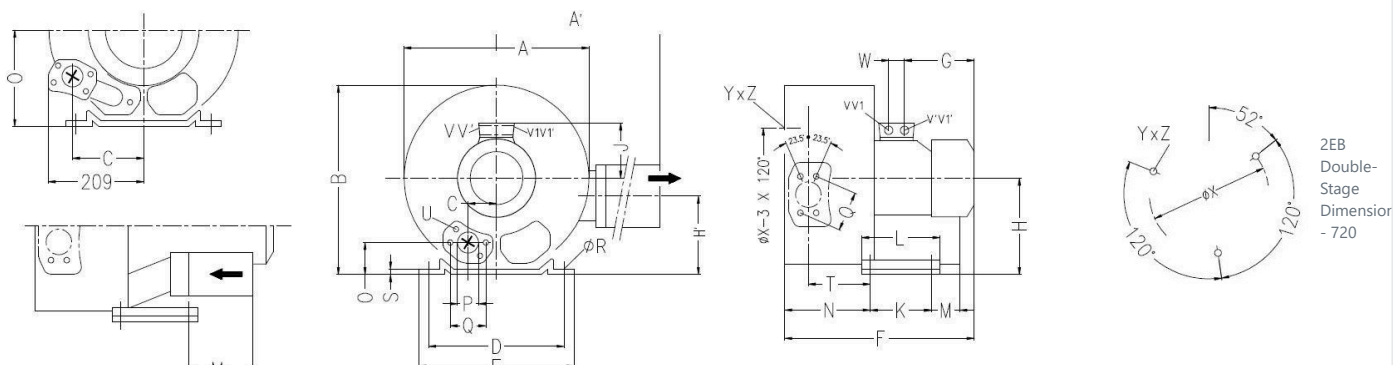
MODEL	AC	P	Q	R	S	U	V(1-)	V'(1-)	V1(3-)	V1'(3-)	YxZ	X-Holes	φ X	W
2EB710H06	3AC	55	83	15	4	M8x17	-	-	M25x1.5	M16x1.5	M10x20	0°/120°/240°	240	29
2EB710H16	3AC	55	83	15	54	M8x17	-	-	-	-	M10x20	0°/120°/240°	240	29
2EB710H26	3AC	55	83	15	54	M8x17	M32x1.	M32x1.5	M32x1.	M32x1.5	M10x20	0°/120°/240°	240	42
2EB710H37	3AC	55	83	15	54	M8x17	5M32x1.	M32x1.5	5M32x1.	M32x1.5	M10x20	0°/120°/240°	240	42
2EB730H06	3AC	55	83	15	54	M8x17	5M25x1.	M16x1.5	5	-	M10x20	0°/120°/240°	240	29
2EB730H16	3AC	55	83	15	54	M8x17	5M25x1.	M16x1.5	-	-	M10x20	0°/120°/240°	240	29
2EB730H26	3AC	55	83	15	54	M8x17	5M32x1.	M32x1.5	-	M32x1.5	M10x20	0°/120°/240°	240	42
2EB730H37	3AC	55	83	15	54	M8x17	5M32x1.	M32x1.5	M32x1.	M32x1.5	M10x20	0°/120°/240°	240	42
2EB790H26	3AC	55	83	15	54	M8x17	5	-	5M32x1.	M16x1.5	M10x20	0°/120°/240°	240	29



2EB DOUBLE-STAGE DIMENSIONS - 720 ثنائي المرحلة - أبعاد 2EB 2 / 720

2EB Double-Stage Dimensions - 720

أبعاد 2EB ثنائي المرحلة - 720



MODEL	AC	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N
2EB720H16	3AC	426	426	410	63	290	325	473	191	197	162	128	140	180	84	205
2EB720H26	3AC	426	426	410	63	290	325	496	188	197	162	135	140	180	84	205
2EB720H37	3AC	426	426	410	63	290	325	526	209	197	162	148	140	180	84	205
2EB720H47	3AC	426	426	410	154	290	325	571	226	197	162	167	140	180	200	205
2EB720H57	3AC	426	426	410	154	290	325	571	226	197	162	167	140	180	200	205

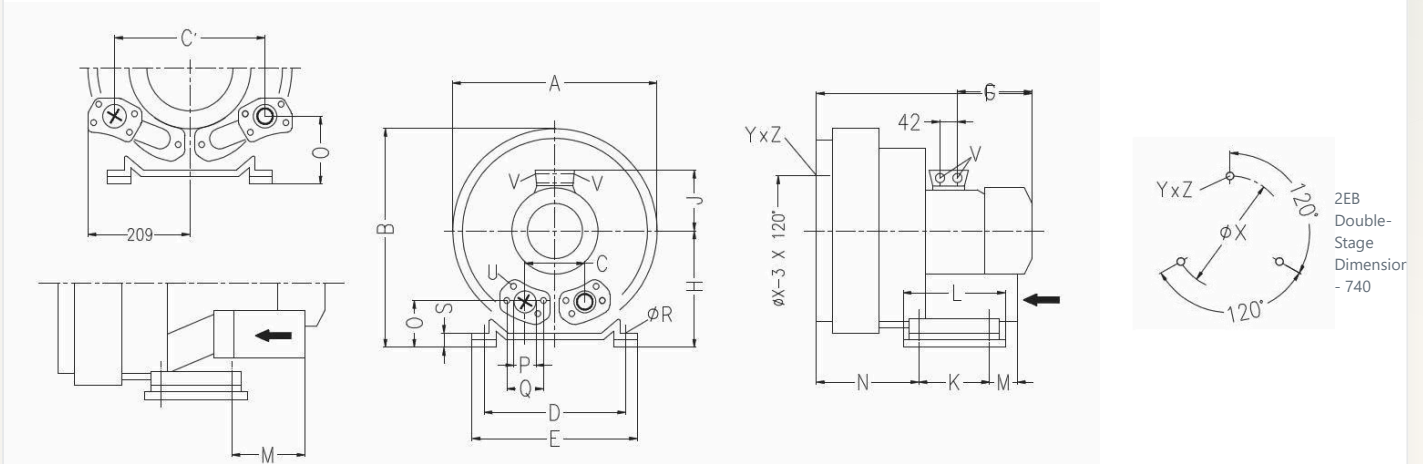
MODEL	AC	O	P	Q	R	S	T	U	V	V')	V1	V1'	YxZ	X-Holes	φ X	W
2EB720H16	3AC	53	55	83	15	4.5	130	M8x17	M25x1.5	M16x1.5	-	-	M10x20	51.5°/171.5°/ 291.5°	240	29
2EB720H26	3AC	53	55	83	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0°/120°/240°	240	42
2EB720H37	3AC	53	55	83	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0°/120°/240°	240	42
2EB720H47	3AC	53	55	83	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0°/120°/240°	240	42
2EB720H57	3AC	53	55	83	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0°/120°/240°	240	42



2EB DOUBLE-STAGE DIMENSIONS - 740 ثنائي المرحلة - 740 أبعاد 2EB

2EB Double-Stage Dimensions - 740

أبعاد 2EB ثنائي المرحلة - 740



MODEL	AC	A	B	C	C'	D	E	F	G	H	J	K	L
2EB740H37	3AC	420	469	125	-----	290	325	526	209	197	148	140	180
2EB740H47	3AC	420	469	-----	308	290	325	571	226	257	167	140	180
2EB740H57	3AC	420	469	-----	308	290	325	571	226	257	167	140	180

MODEL	AC	M	N	O	φ P	Q	φ R	S	U	V	YxZ	X-Holes	φ X
2EB740H37	3AC	84	205	112	55	83	15	64.5	M8x17	4xM32x1.5	M8x20	0°/120°/240°	240
2EB740H47	3AC	200	205	153	55	83	15	64.5	M8x17	4xM32x1.5	M8x20	0°/120°/240°	240
2EB740H57	3AC	200	205	153	55	83	15	64.5	M8x17	4xM32x1.5	M8x20	0°/120°/240°	240



2 مواصفات EB 3AC - 810/820/830/840 / 2EB 3AC SPECIFICATION - 810/820/830/840

2EB 3AC Specification - 810/820/830/840

2EB 3AC - 810/820/830/840 مواصفات

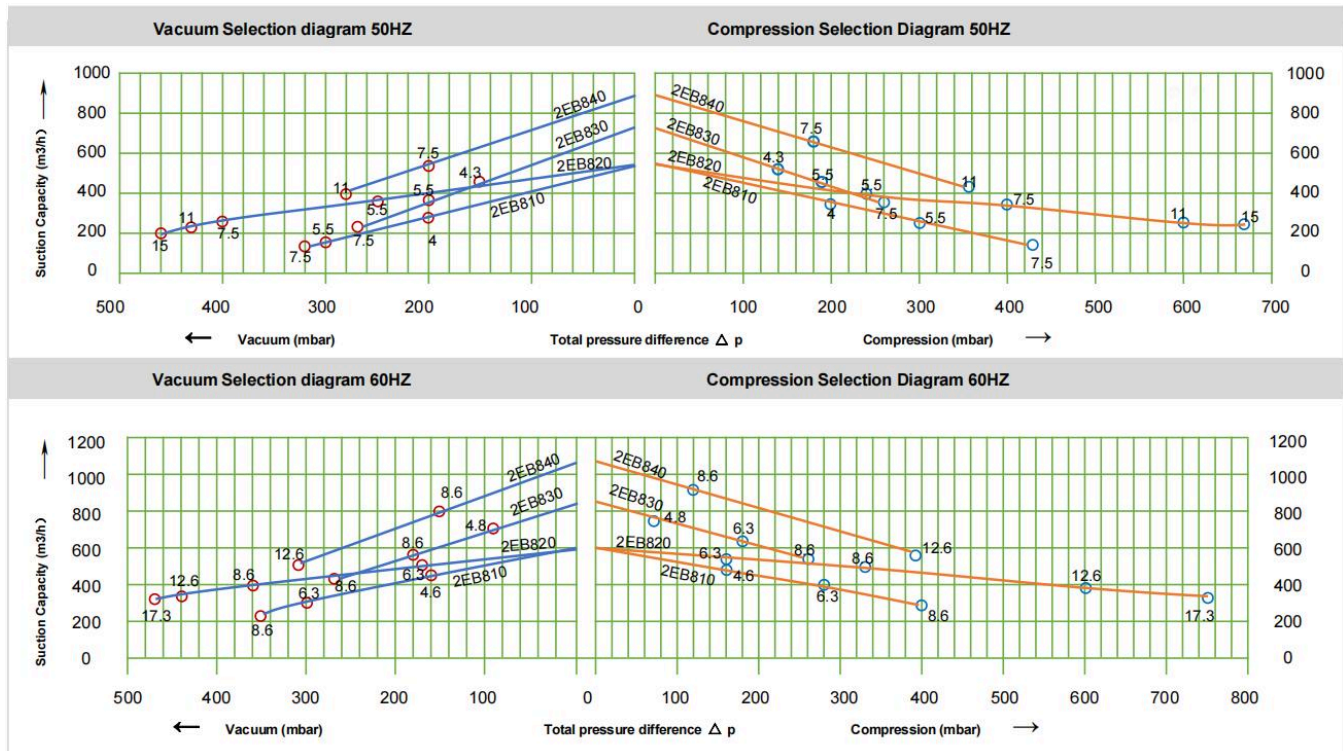
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
2EB810H07	Single	50	4.3	345-415 Δ 600-720Y	9.5 Δ /5.5Y	530	-200	200	70	51
2EB810H07	Single	60	4.6	380-480 Δ 660-720Y	9.5 Δ /5.5Y	620	-160	160	74	51
2EB810H17	Single	50	5.5	345-415 Δ 600-720Y	12.9Δ/7.4Y	530	-300	320	80	62
2EB810H17	Single	60	6.3	380-480 Δ 660-720Y	12.9Δ/7.45Y	620	-320	340	82	62
2EB810H27	Single	50	7.5	345-415 Δ 600-720Y	16.7Δ/9.6Y	530	-320	380	80	65
2EB810H27	Single	60	8.6	380-480 Δ 660-720Y	17.3Δ/10.0Y	620	-350	400	82	65
2EB820H17	Double	50	5.5	345-415 Δ 600-720Y	13.3Δ/7.7Y	520	-240	240	74	83
2EB820H17	Double	60	6.3	380-480 Δ 660-720Y	13.3Δ/7.7Y	620	-170	160	78	83
2EB820H27	Double	50	7.5	345-415 Δ 600-720Y	16.7Δ/9.6Y	520	-400	400	74	88
2EB820H27	Double	60	8.6	380-480 Δ 660-720Y	17.3Δ/10.0Y	620	-360	330	78	88
2EB820H37	Double	50	11	345-415 Δ 600-720Y	28.0Δ/16.2Y	520	-430	660	74	104
2EB820H37	Double	60	1	2.6 380-480 Δ 660-720Y	29.0Δ/16.7Y	620	-460	600	78	104
2EB820H47	Double	50	15	345-415 Δ 600-720Y	32.5Δ/18.8Y	520	-460	670	74	120
2EB820H47	Double	60	1	7.3 380-480 Δ 660-720Y	34.5Δ/19.9Y	620	-490	750	78	120
2EB830H07	Single	50	4.3	345-415 Δ 600-720Y	9.5 Δ /5.5Y	700	-150	140	70	57
2EB830H07	Single	60	4.6	380-480 Δ 660-720Y	9.5 Δ /5.5Y	840	-90	90	74	57
2EB830H17	Single	50	5.5	345-415 Δ 600-720Y	12.9Δ/7.4Y	700	-200	180	70	66
2EB830H17	Single	60	6.3	380-480 Δ 660-720Y	12.9Δ/7.45Y	840	-180	180	74	66
2EB830H27	Single	50	7.5	345-415 Δ 600-720Y	16.7Δ/9.6Y	700	-270	260	70	69
2EB830H27	Single	60	8.6	380-480 Δ 660-720Y	17.3Δ/10.0Y	840	-270	260	74	69
2EB840H27	Double	50	7.5	345-415 Δ 600-720Y	16.7Δ/9.6Y	900	-200	180	74	91
2EB840H27	Double	60	8.6	380-480 Δ 660-720Y	17.3Δ/10.0Y	1050	-150	120	78	91
2EB840H37	Double	50	1	1.0 345-415 Δ 600-720Y	28.0Δ/16.2Y	900	-280	370	74	110
2EB840H37	Double	60	1	2.6 380-480 Δ 660-720Y	29.0Δ/16.7Y	1050	-310	350	78	110



2EB 3AC - 810/820/830/840 / 2EB 3AC CURVES - 810/820/830/840

2EB 3AC Curves - 810/820/830/840

منحنیات 2EB 3AC - 810/820/830/840



2EB 3AC Curves - 810/820/830/840

Vacuum

Total pressure difference - Delta p

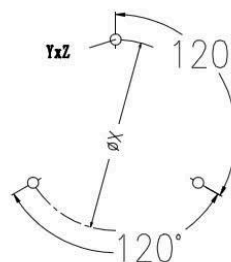
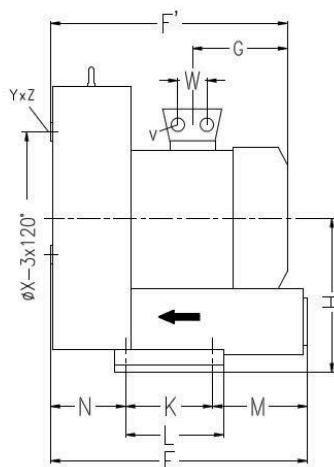
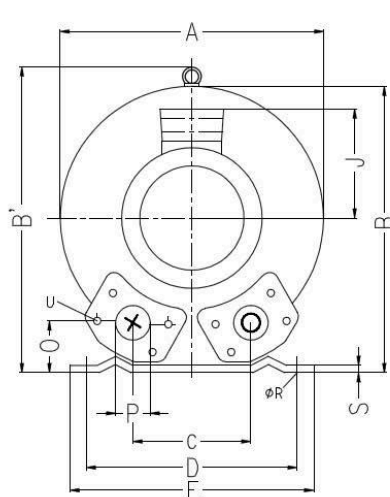
Pressure



2EB SINGLE-STAGE DIMENSIONS - 810/830 أحادي المرحلة EB 2 / 810/830 أبعاد 2

2EB Single-Stage Dimensions - 810/830

أبعاد 2EB أحادي المرحلة - 810/830



2EB Single-Stage
Dimensions - 810/830

MODEL	AC	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J
2EB810H07	3AC	451	-----	461	509	152	356	394	433	450	230	240	-----	148
2EB810H17	3AC	451	-----	461	509	152	356	394	433	477	226	240	-----	167
2EB810H27	3AC	451	-----	461	509	152	356	394	433	477	226	240	-----	167
2EB830H07	3AC	451	-----	461	509	152	356	394	449	466	230	240	-----	148
2EB830H17	3AC	451	-----	461	509	152	356	394	449	492	247	240	-----	167
2EB830H27	3AC	451	-----	461	509	152	356	394	449	492	247	240	-----	167

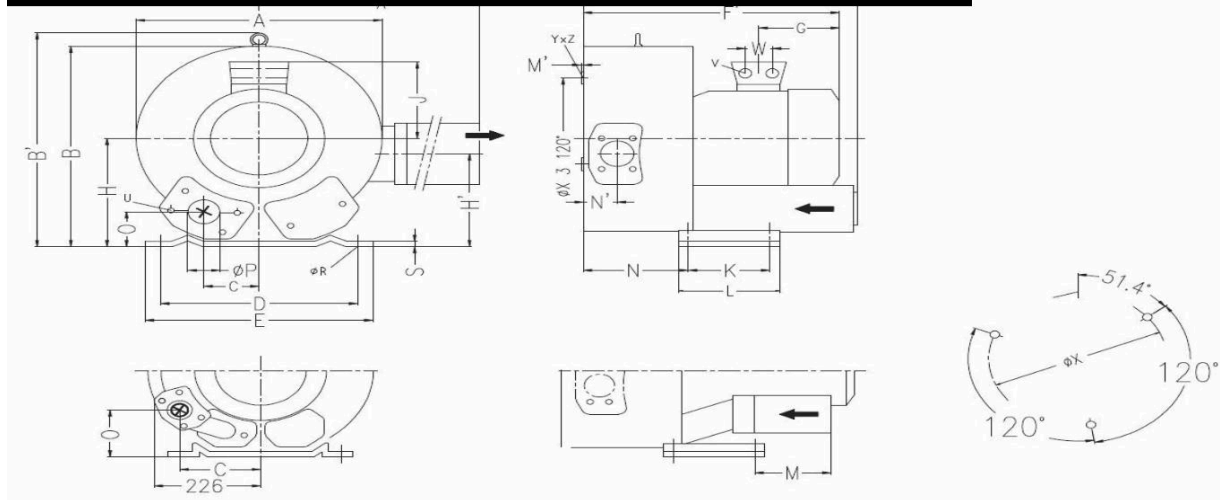
MODEL	AC	K	L	M	N	O	φ P	φ R	S	V	YxZ	X-Holes	φ X	W
2EB810H07	3AC	170	217	140	124	65	G21/2	15	6	4xM32x1.5	M12x20	0°/120°/240°	286	42
2EB810H17	3AC	170	217	140	124	65	G21/2	15	6	4xM32x1.5	M12x20	0°/120°/240°	286	42
2EB810H27	3AC	170	217	140	124	65	G21/2	15	6	4xM32x1.5	M12x20	0°/120°/240°	286	42
2EB830H07	3AC	170	217	140	164	65	G21/2	15	6	4xM32x1.5	M12x20	0°/120°/240°	286	42
2EB830H17	3AC	170	217	139	164	65	G21/2	15	6	4xM32x1.5	M12x20	0°/120°/240°	286	42
2EB830H27	3AC	170	217	139	164	65	G21/2	15	6	4xM32x1.5	M12x20	0°/120°/240°	286	42



أبعاد EB 2 / 820 ثنائي المرحلة - 2EB DOUBLE-STAGE DIMENSIONS - 820

2EB Double-Stage Dimensions - 820

أبعاد 2EB ثنائي المرحلة - 820



MODEL	AC	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K
2EB820H17	3AC	500	549	490	509	76	356	394	545	589	226	240	199	167	170
2EB820H27	3AC	500	549	490	509	76	356	394	545	589	226	240	199	167	170
2EB820H37	3AC	500	549	490	509	76	356	394	694	717	318	240	199	197	170
2EB820H47	3AC	500	549	490	509	76	356	394	694	717	318	240	199	197	170

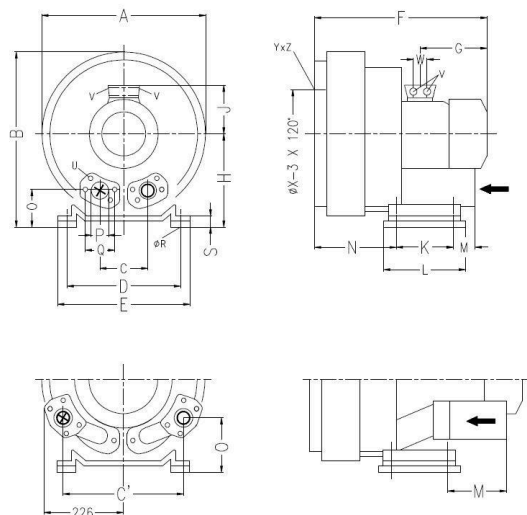
MODEL	AC	L	M	N	N'	O	φ P	φ R	S	V	YxZ	X-Holes	φ X	W
2EB820H17	3AC	217	----	236	84	65	G21/2	15	6	4xM32x1.5	M12x20	51.4°/120°/240°	286	42
2EB820H27	3AC	217	----	236	84	65	G21/2	15	6	4xM32x1.5	M12x20	51.4°/120°/240°	286	42
2EB820H37	3AC	217	----	212	84	105	G21/2	15	6	4xM40x1.5	M12x20	51.4°/120°/240°	286	54
2EB820H47	3AC	217	----	212	84	105	G21/2	15	6	4xM40x1.5	M12x20	51.4°/120°/240°	286	54



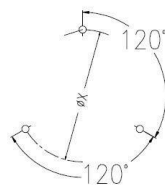
2EB Double-Stage Dimensions - 840

2EB Double-Stage Dimensions - 840

أبعاد 2EB ثنائي المرحلة - 840



2EB Double-Stage Dimensions
- 840



MODEL	AC	A	B	C	C'	D	E	F	G	H	J	K	L
2EB840H27	3AC	500	550	152	-----	356	394	589	247	300	167	170	217
2EB840H37	3AC	500	550	-----	336	356	394	694	318	300	197	170	217

MODEL	AC	M	N	O	φ P	φ R	S	V(1~)	YxZ	X-Holes	φ X	W
2EB840H27	3AC	-----	236	125	G21/2	15	66	4xM32x1.5	M12x20	0°/120°/240°	286	42
2EB840H37	3AC	312	212	165	G21/2	15	66	4xM40x1.5	M12x20	0°/120°/240°	286	54

2 مواصفات EB 3AC - 910/920/930/940/943 / 2EB 3AC SPECIFICATION - 910/920/930/940/943

2EB 3AC Specification - 910/920/930/940/943

2EB 3AC - 910/920/930/940/943 مواصفات

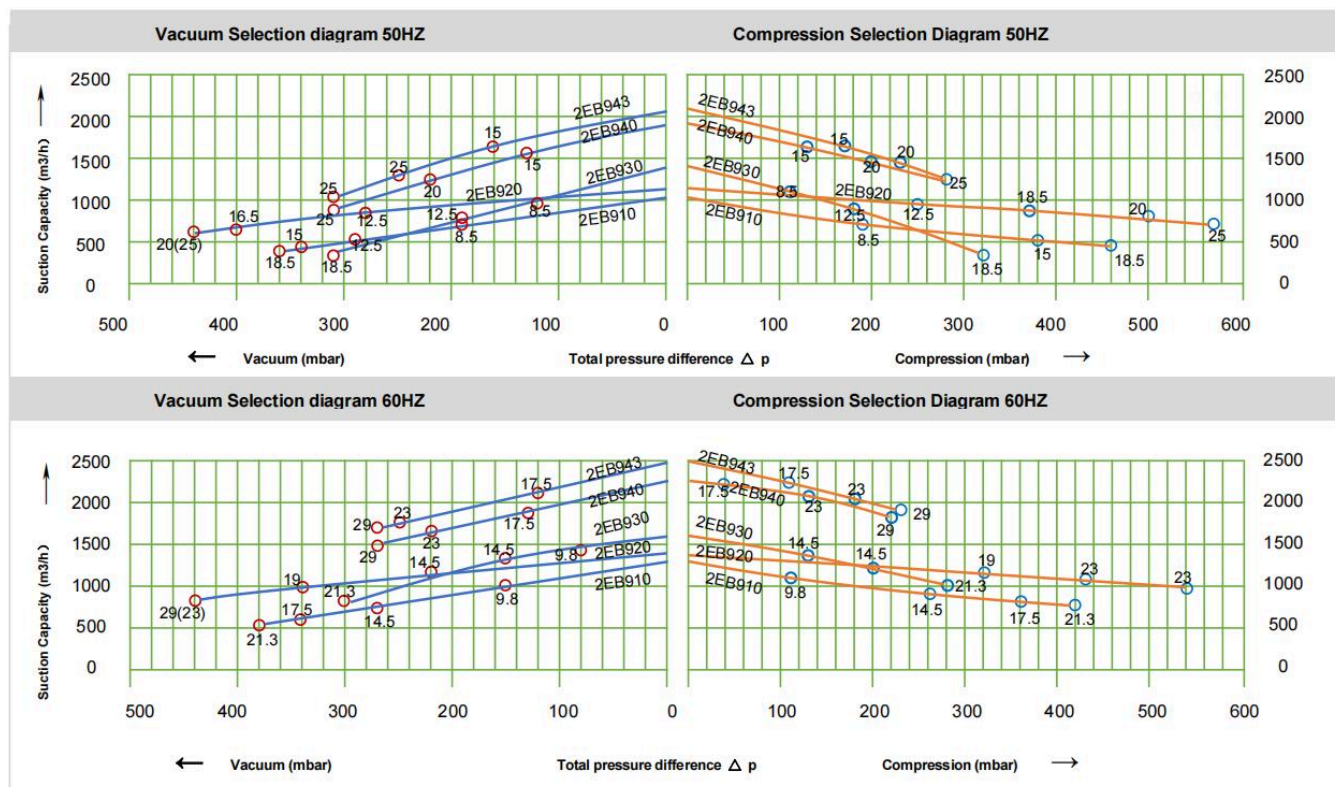
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m3/h	mbar	mbar	dB(A)	kg
2EB910H07	Single	50	8.5	345-415Δ 600-720Y	18.2Δ/10.5Y	1050	-190	190	74	93
2EB910H07	Single	60	9.8	380-480Δ 660-720Y	18.2Δ/10.5Y	1250	-150	140	79	93
2EB910H17	Single	50	12.5	345-415Δ 600-720Y	28.0Δ/16.2Y	1050	-290	280	74	116
2EB910H17	Single	60	14.5	380-480Δ 660-720Y	29.0Δ/16.7Y	1250	-270	260	79	116
2EB910H27	Single	50	15	345-415Δ 600-720Y	35.0Δ/20.0Y	1050	-320	380	74	120
2EB910H27	Single	60	17.5	380-480Δ 660-720Y	36.5Δ/21.0Y	1250	-340	360	79	120
2EB910H37	Single	50	18.5	345-415Δ 600-720Y	37.0Δ/21.0Y	1050	-360	460	74	126
2EB910H37	Single	60	21.3	380-480Δ 660-720Y	39.0Δ/22.5Y	1250	-380	420	79	126
2EB920H17	Double	50	12.5	345-415Δ 600-720Y	28.0Δ/16.2Y	1110	-300	270	74	187
2EB920H17	Double	60	14.5	380-480Δ 660-720Y	29.0Δ/16.7Y	1310	-220	200	78	187
2EB920H27	Double	50	16.5	345-415Δ 600-720Y	35.0Δ/20.0Y	1110	-410	370	74	197
2EB920H27	Double	60	19	380-480Δ 660-720Y	36.5Δ/21.0Y	1310	-340	300	78	197
2EB920H37	Double	50	20	345-415Δ 600-720Y	40.0Δ/23.0Y	1110	-440	500	74	204
2EB920H37	Double	60	23	380-480Δ 660-720Y	42.0Δ/24.2Y	1310	-440	430	78	204
2EB920H47	Double	50	25	345-415Δ 600-720Y	52.0Δ/30.0Y	1110	-440	590	74	211
2EB920H47	Double	60	29	380-480Δ 660-720Y	52.0Δ/30.0Y	1310	-440	540	78	211
2EB930H07	Single	50	8.5	345-415Δ 600-720Y	18.2Δ/10.5Y	1370	-120	110	75	98
2EB930H07	Single	60	9.8	380-480Δ 660-720Y	18.2Δ/10.5Y	1650	-80	70	80	98
2EB930H17	Single	50	12.5	345-415Δ 600-720Y	28.0Δ/16.2Y	1370	-190	180	75	121
2EB930H17	Single	60	14.5	380-480Δ 660-720Y	29.0Δ/22.5Y	1650	-150	150	80	121
2EB930H37	Single	50	18.5	345-415Δ 600-720Y	37.0Δ/21.0Y	1370	-310	320	75	131
2EB930H37	Single	60	21.3	380-480Δ 660-720Y	39.0Δ/22.5Y	1650	-300	280	80	131
2EB940H27	Double	50	15	345-415Δ 600-720Y	35.0Δ/20.0Y	1940	-130	110	75	187
2EB940H27	Double	60	17.5	380-480Δ 660-720Y	36.5Δ/21.0Y	2310	-60	40	84	187
2EB940H37	Double	50	20	345-415Δ 600-720Y	40.0Δ/23.0Y	1940	-220	200	75	212
2EB940H37	Double	60	23	380-480Δ 660-720Y	42.0Δ/24.2Y	2310	-160	130	84	212
2EB940H47	Double	50	25	345-415Δ 600-720Y	52.0Δ/30.0Y	1940	-310	280	75	219
2EB940H47	Double	60	29	380-480Δ 660-720Y	52.0Δ/30.0Y	2310	-270	220	84	219
2EB943H27	Double	50	15	345-415Δ 600-720Y	35.0Δ/20.0Y	2050	-160	170	75	220
2EB943H27	Double	60	17.5	380-480Δ 660-720Y	36.5Δ/21.0Y	2480	-120	110	84	220
2EB943H37	Double	50	20	345-415Δ 600-720Y	40.0Δ/23.0Y	2050	-250	230	75	230
2EB943H37	Double	60	23	380-480Δ 660-720Y	42.0Δ/24.2Y	2480	-190	180	84	230
2EB943H47	Double	50	25	345-415Δ 600-720Y	52.0Δ/30.0Y	2050	-310	280	75	235
2EB943H47	Double	60	29	380-480Δ 660-720Y	52.0Δ/30.0Y	2480	-270	230	84	235



2EB 3AC - 910/920/930/940/943 / 2EB 3AC CURVES - 910/920/930/940/943 منحنیات 2

2EB 3AC Curves - 910/920/930/940/943

منحنیات 2EB 3AC - 910/920/930/940/943



2EB 3AC Curves - 910/920/930/940/943

Vacuum

Total pressure difference - Delta p

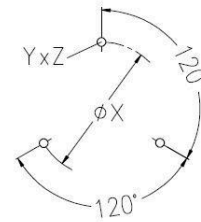
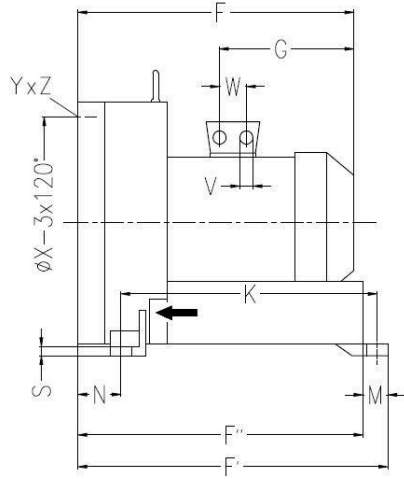
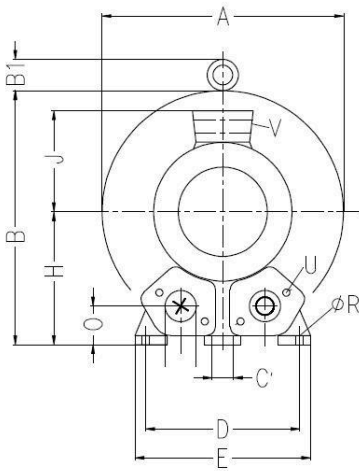
Pressure



2EB SINGLE-STAGE DIMENSIONS - 910/930 أبعاد 2EB 2 / 910/930 - المرحلة

2EB Single-Stage Dimensions - 910/930

أبعاد 2EB أحادي المرحلة - 910/930



2EB Single-Stage
Dimensions - 910/930

MODEL	AC	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K
2EB910H07	3AC	550	569	55	207	15	360	415	525	644	605	268	300	167	533
2EB910H17	3AC	550	569	55	207	15	360	415	611	644	605	345	300	197	533
2EB910H37	3AC	550	569	55	207	15	360	415	611	644	605	345	300	197	533
2EB930H07	3AC	550	569	55	207	15	360	415	563	682	643	268	300	197	533
2EB930H17	3AC	550	569	55	207	15	360	415	649	682	643	345	300	197	533
2EB930H37	3AC	550	569	55	207	15	360	415	649	682	643	345	300	197	533

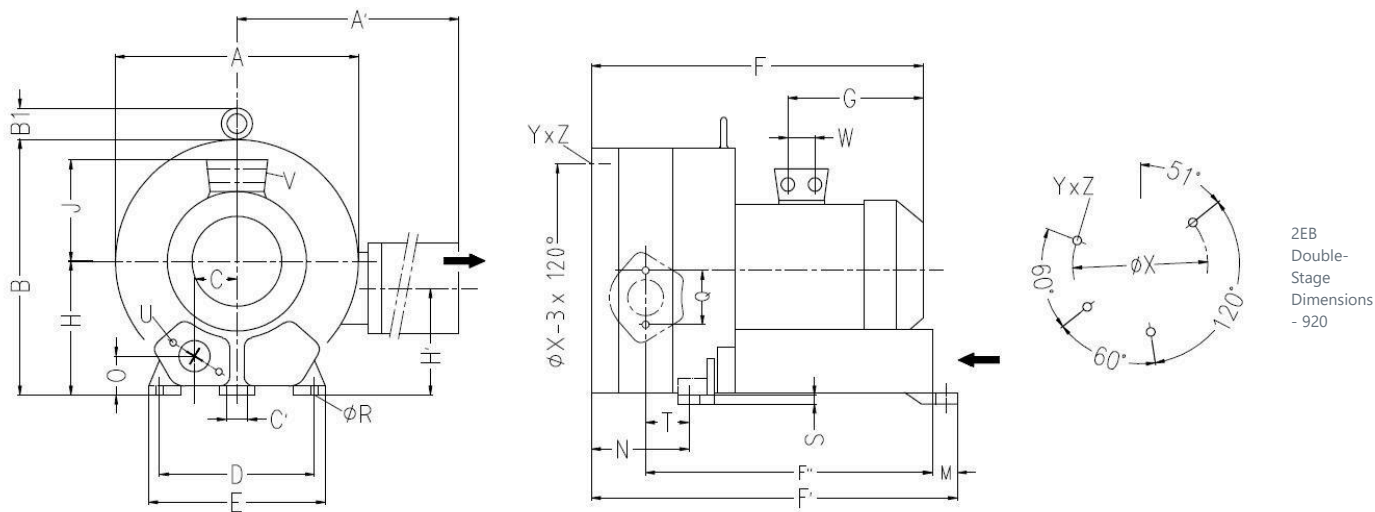
MODEL	AC	M	N	O	φ P	Q	φ R	S	U	V	YxZ	X-Holes	φ X	W
2EB910H07	3AC	39	89	92	100	150	15	21	M12x30	4xM32x1.5	M12x30	0°/120°/240°	490	42
2EB910H17	3AC	39	89	92	100	150	15	21	M12x30	4xM40x1.5	M12x30	0°/120°/240°	490	54
2EB910H37	3AC	39	127	92	100	150	15	21	M12x30	4xM40x1.5	M12x30	0°/120°/240°	490	54
2EB930H07	3AC	39	127	92	100	150	15	21	M12x30	4xM32x1.5	M12x30	0°/120°/240°	490	42
2EB930H17	3AC	39	127	92	100	150	15	21	M12x30	4xM40x1.5	M12x30	0°/120°/240°	490	54
2EB930H37	3AC	39	127	92	100	150	15	21	M12x30	4xM40x1.5	M12x30	0°/120°/240°	490	54



2EB DOUBLE-STAGE DIMENSIONS - 920 ثنائي المرحلة - 2EB أبعاد 2

2EB Double-Stage Dimensions - 920

أبعاد 2EB ثنائي المرحلة - 920



MODEL	AC	A	A'	B	B1	C	C'	D	E	F	F'	F''	G	H	H'	J
2EB920H17	3AC	615	780	607	16	104	15	360	415	752	786	634	345	300	234	197
2EB920H27	3AC	615	780	607	16	104	15	360	415	752	786	634	345	300	234	197
2EB920H37	3AC	615	780	607	16	104	15	360	415	752	786	634	345	300	234	197
2EB920H47	3AC	615	780	607	16	104	15	360	415	812	786	634	405	300	234	197

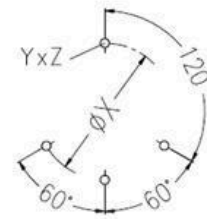
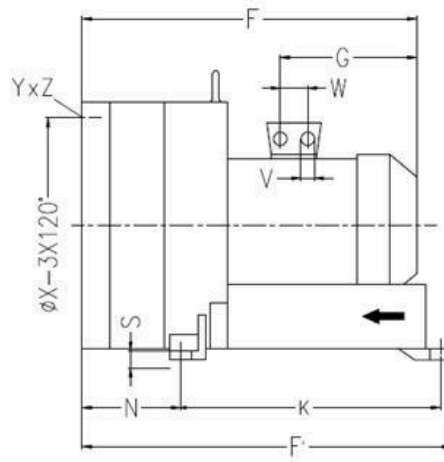
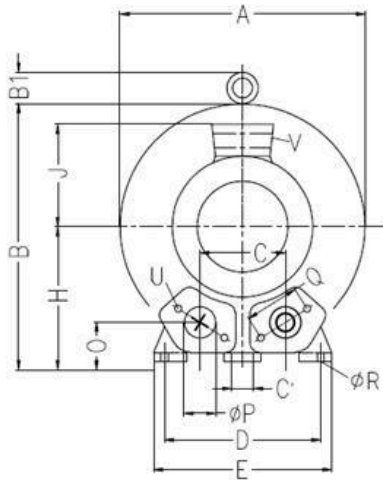
MODEL	AC	K	M	N	O	φ P	Q	φ R	S	T	U	V	YxZ	φ X	W
2EB920H17	3AC	533	39	230	92	100	150	15	21	117	M12x30	4xM32x1.5	M12x30	490	54
2EB920H27	3AC	533	39	230	92	100	150	15	21	117	M12x30	4xM32x1.5	M12x30	490	54
2EB920H37	3AC	533	39	230	92	100	150	15	21	117	M12x30	4xM40x1.5	M12x30	490	54
2EB920H47	3AC	533	39	230	92	100	150	15	21	117	M12x30	4xM40x1.5	M12x30	490	54



أبعاد EB 2 / 940 ثنائي المرحلة - EB DOUBLE-STAGE DIMENSIONS - 940

2EB Double-Stage Dimensions - 940

أبعاد 2EB ثنائي المرحلة - 940



2EB Double-Stage
Dimensions - 940

MODEL	AC	A	B	B1	C	C'	D	E	F	F'	G	H	J	K
2EB940H27	3AC	615	663	19	207	15	360	415	752	786	345	358	197	533
2EB940H37	3AC	615	663	19	207	15	360	415	752	786	345	358	197	533
2EB940H47	3AC	615	663	19	207	15	360	415	812	786	345	358	197	533

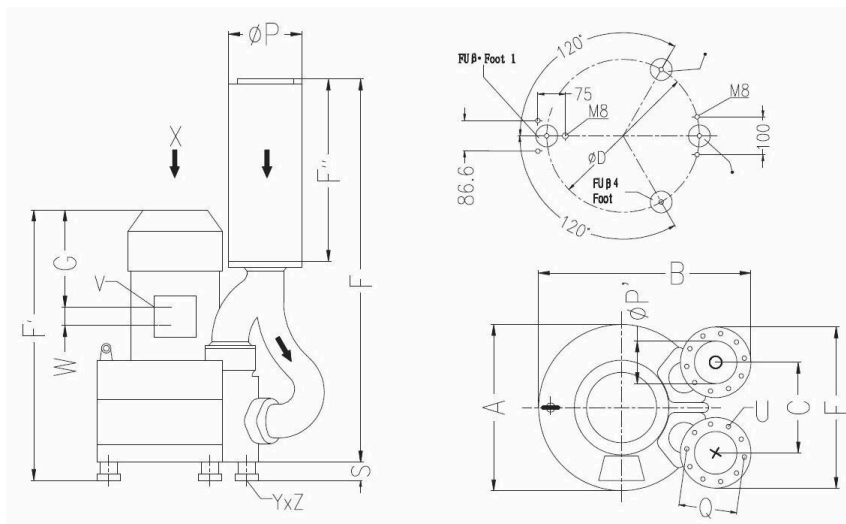
MODEL	AC	M	N	O	Ø P	Q	Ø R	S	U	V	YxZ	X-Holes	Ø X	W
2EB940H27	3AC	39	230	150	100	140	15	79	M12x35	4xM40x1.5	M12x30	120°/60°/60°	490	54
2EB940H37	3AC	39	230	150	100	140	15	79	M12x35	4xM40x1.5	M12x30	120°/60°/60°	490	54
2EB940H47	3AC	39	230	150	100	140	15	79	M12x35	4xM40x1.5	M12x30	120°/60°/60°	490	54



2EB DOUBLE-STAGE DIMENSIONS - 943 ثنائي المرحلة - أبعاد 2EB 2 / 943

2EB Double-Stage Dimensions - 943

أبعاد 2EB ثنائي المرحلة - 943



2EB Double-Stage Dimensions
- 943

MODEL	AC	A	B	C	D	E	F	F'	F''	G
2EB943H27	3AC	615	723	307	490	526	1201	848	578	291
2EB943H37	3AC	615	723	307	490	526	1201	848	578	291
2EB943H47	3AC	615	723	307	490	526	1201	908	578	351

MODEL	AC	P	P'	Q	S	U	V	YxZ	W
2EB943H27	3AC	219	135	201	58	M8x40	4xM40x1.5	M12x10.5	54
2EB943H37	3AC	219	135	201	58	M8x40	4xM40x1.5	M12x10.5	54
2EB943H47	3AC	219	135	201	58	M8x40	4xM40x1.5	M12x10.5	54

4 مواصفات EB 1AC / 4EB 1AC SPECIFICATION

4EB 1AC Specification

4EB 1AC مواصفات

Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m3/h	mbar	mbar	dB(A)	kg
4EB210A75	Single	50	0.55	200-240v	3.1	47	-230	290	57	18
4EB210A75	Single	60	0.63	200-240V	7.1	57	-270	320	62	18
4EB220A75	Double	50	1.5	200-240V	9.7	47	-370	600	58	30
4EB220A75	Double	60	1.75	200-240V	10.3	60	-420	660	62	30
4EB310A75	Single	50	0.94	200-240V	7.6	66	-250	350	57	18
4EB310A75	Single	60	1.1	200-240V	9	80	-280	390	62	18
4EB320A75	Double	50	1.5	200-240V	9.7	65	-400	550	59	32
4EB320A75	Double	60	1.75	200-240v	10.3	76	-390	540	53	32
4EB410A41	Single	50	1.1	200-240v	10.1	87	-300	380	55	23
4EB410A41	Single	60	1.3	200-240v	10.3	105	-350	390	62	23

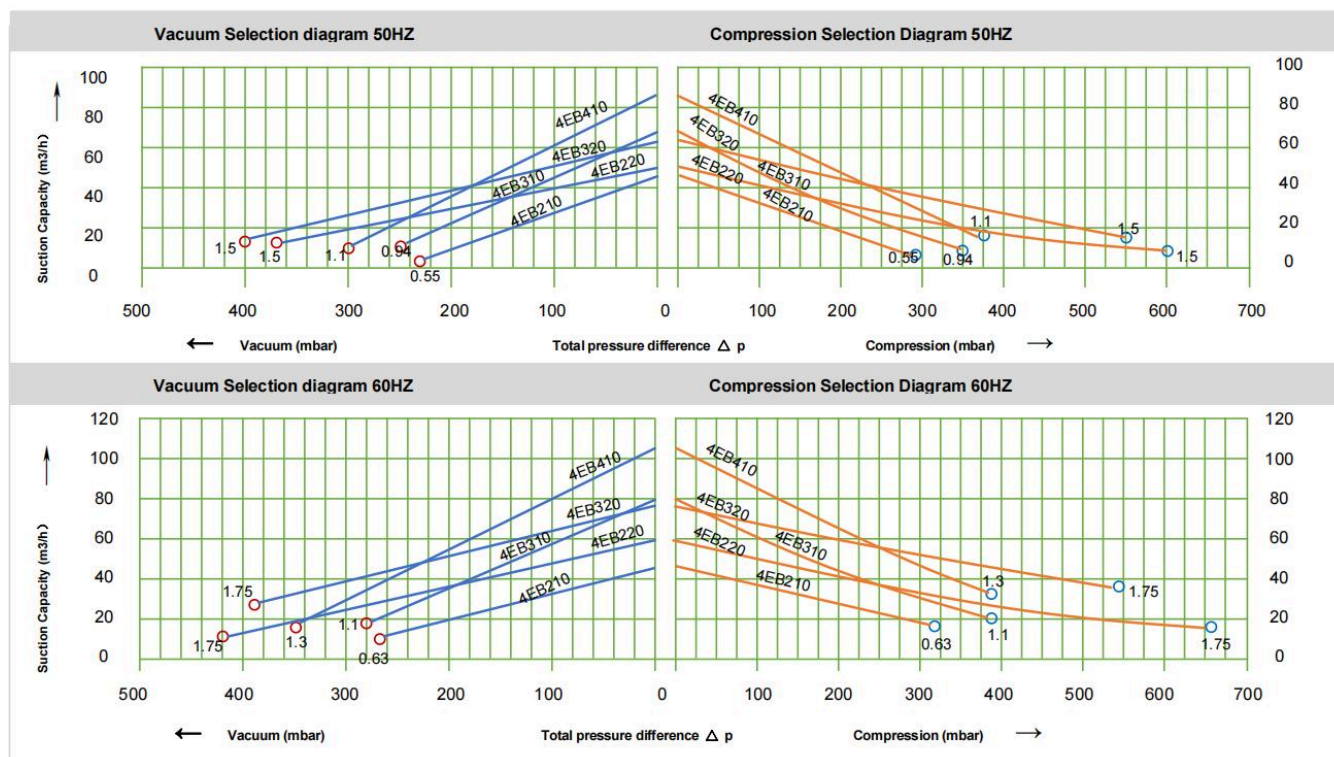




منحنيات 4EB 1AC / 4EB 1AC CURVES

4EB 1AC Curves

منحنيات 4EB 1AC



4EB 1AC Curves

Vacuum

Total pressure difference - Delta p

Pressure

4EB 3AC SPECIFICATION - SINGLE STAGE مواصفات 4EB 3AC - المرحلة / 4

4EB 3AC Specification - single stage

مواصفات 4EB 3AC - أحادي المرحلة

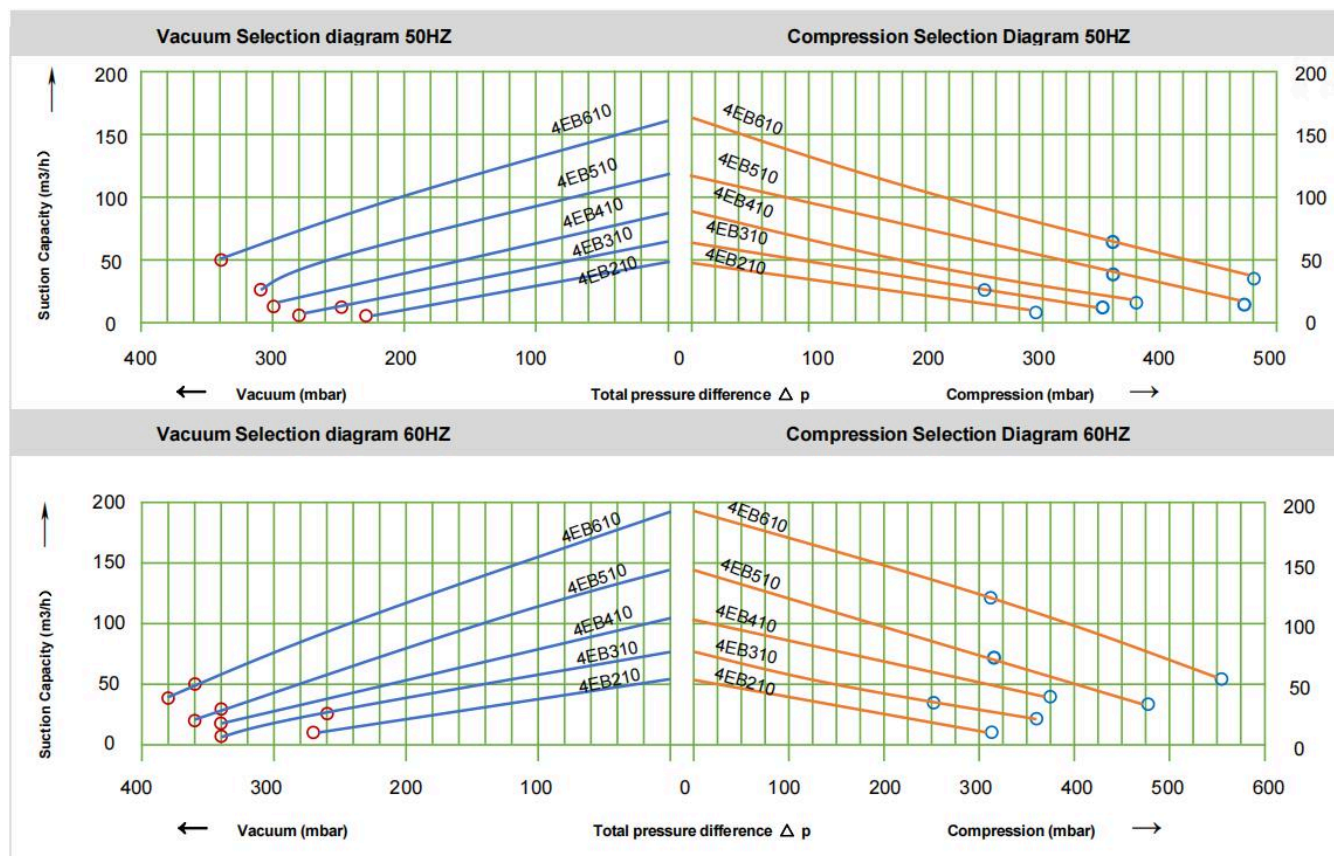
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
4EB210H16	Single	50	0.55	200-240 Δ/345-415Y	2.8Δ/1.6Y	47	-230	290	57	16
4EB210H16	Single	60	0.63	220-275 Δ/380-480Y	3Δ/1.7 Y	57	-270	320	62	16
4EB310H16	Single	50	0.55	200-240 Δ/345-415Y	2.8Δ/1.6Y	66	-250	250	57	16
4EB310H16	Single	60	0.63	220-275 Δ/380-480Y	3Δ/1.7 Y	80	-260	250	62	16
4EB310H26	Single	50	0.81	200-240 Δ/345-415Y	4Δ/2.3 Y	66	-280	350	57	17
4EB310H26	Single	60	0.94	220-275 Δ/380-480Y	4Δ/2.3 Y	80	-340	360	62	17
4EB410H16	Single	50	1.1	200-240Δ/345-415Y	5.4Δ/3.1Y	87	-300	380	58	23
4EB410H16	Single	60	1.3	220-275 Δ/380-480Y	5.4Δ/3.1Y	105	-340	370	62	23
4EB510H16	Single	50	1.6	200-240 Δ/345-415Y	7.5Δ/4.3Y	120	-310	360	64	26
4EB510H16	Single	60	2.05	220-275 Δ/380-480Y	7.6Δ/4.4 Y	145	-340	320	68	26
4EB510H26	Single	50	2.2	200-240 Δ/345-415Y	11.4Δ/6.6Y	120	-310	470	64	29
4EB510H26	Single	60	2.55	220-275 Δ/380-480Y	11.2Δ/6.5Y	145	-360	480	68	29
4EB610H16	Single	50	2.2	200-240 Δ/345-415Y	11.4Δ/6.6Y	165	-340	360	65	32
4EB610H16	Single	60	2.55	220-275 Δ/380-480Y	11.2Δ/6.5Y	195	-360	315	71	32
4EB610H36	Single	50	3.3	200-240 Δ/345-415Y	13Δ/7.5 Y	165	-340	480	65	35
4EB610H36	Single	60	3.8	220-275 Δ/380-480Y	14.2Δ/8.2Y	195	-380	530	71	35



4EB 3AC CURVES - SINGLE STAGE

منحنيات 4EB 3AC - أحادي المرحلة

4EB 3AC Curves - single stage



4EB 3AC Curves - single stage

Vacuum

Total pressure difference - Delta p

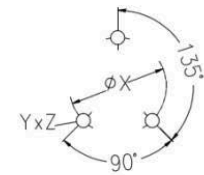
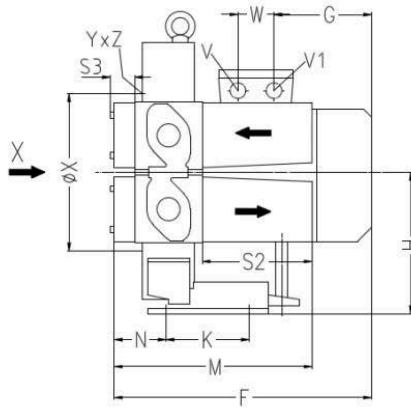
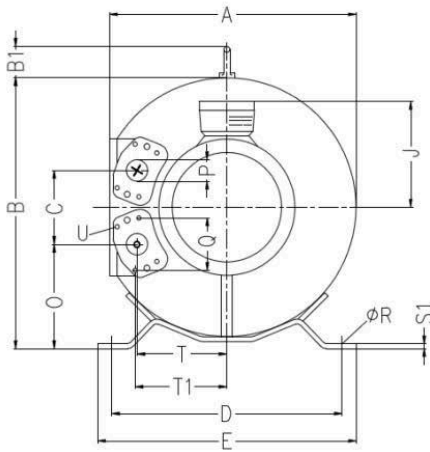
Pressure



أبعاد EB - 4 / أحادي المرحلة EB DIMENSIONS - SINGLE STAGE

4EB Dimensions - single stage

أبعاد 4EB - أحادي المرحلة



4EB Dimensions -
single stage

MODEL	AC	A	B	B1	C	D	E	F	G	H	J	K	M	N	O
4EB210H16	3AC	294	319	39	87	260	298	293	129	167	111	105	252	65	124
4EB310H16	3AC	313	339	39	94	290	325	295	153	177	120	105	256	67	130
4EB310H26	3AC	313	339	39	94	290	325	295	153	177	120	105	256	67	130
4EB410H16	3AC	346	375	39	103	315	350	321	129	195	111	130	260	66	143
4EB510H16	3AC	368	395	39	114	328	363	361	185	205	128	152	265	68	148
4EB510H26	3AC	368	395	39	114	328	363	361	185	205	128	152	265	68	148
4EB610H16	3AC	418	455	39	127	371	406	364	129	235	111	105	271	72	172
4EB610H36	3AC	418	455	39	127	371	406	390	211	235	111	105	271	72	172

MODEL	AC	P	Q	R	S1	S2	S3	T	T1	U	V	V1	YxZ	φ X	W
4EB210H16	3AC	G11/4	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	M6x15	153	32
4EB310H16	3AC	G11/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	M6x15	153	32
4EB310H26	3AC	G11/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	M6x15	153	32
4EB410H16	3AC	G11/4	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	M6x15	167	32
4EB510H16	3AC	G11/4	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	M8x15	192	32
4EB510H26	3AC	G11/4	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	M8x15	192	32
4EB610H16	3AC	G11/4	64	14	4	140	31	153	155	M6x17	M25x1.5	M16x1.5	M6x15	228	32
4EB610H36	3AC	G11/4	64	14	4	140	31	153	155	M6x17	M25x1.5	M16x1.5	M6x15	228	32

4EB 3AC SPECIFICATION - DOUBLE/THREE STAGE ثنائي/ثلاثي المرحلة / 4 - EB 3AC مواصفات 4

4EB 3AC Specification - double/three stage

مواصفات 4EB 3AC - ثنائي/ثلاثي المرحلة

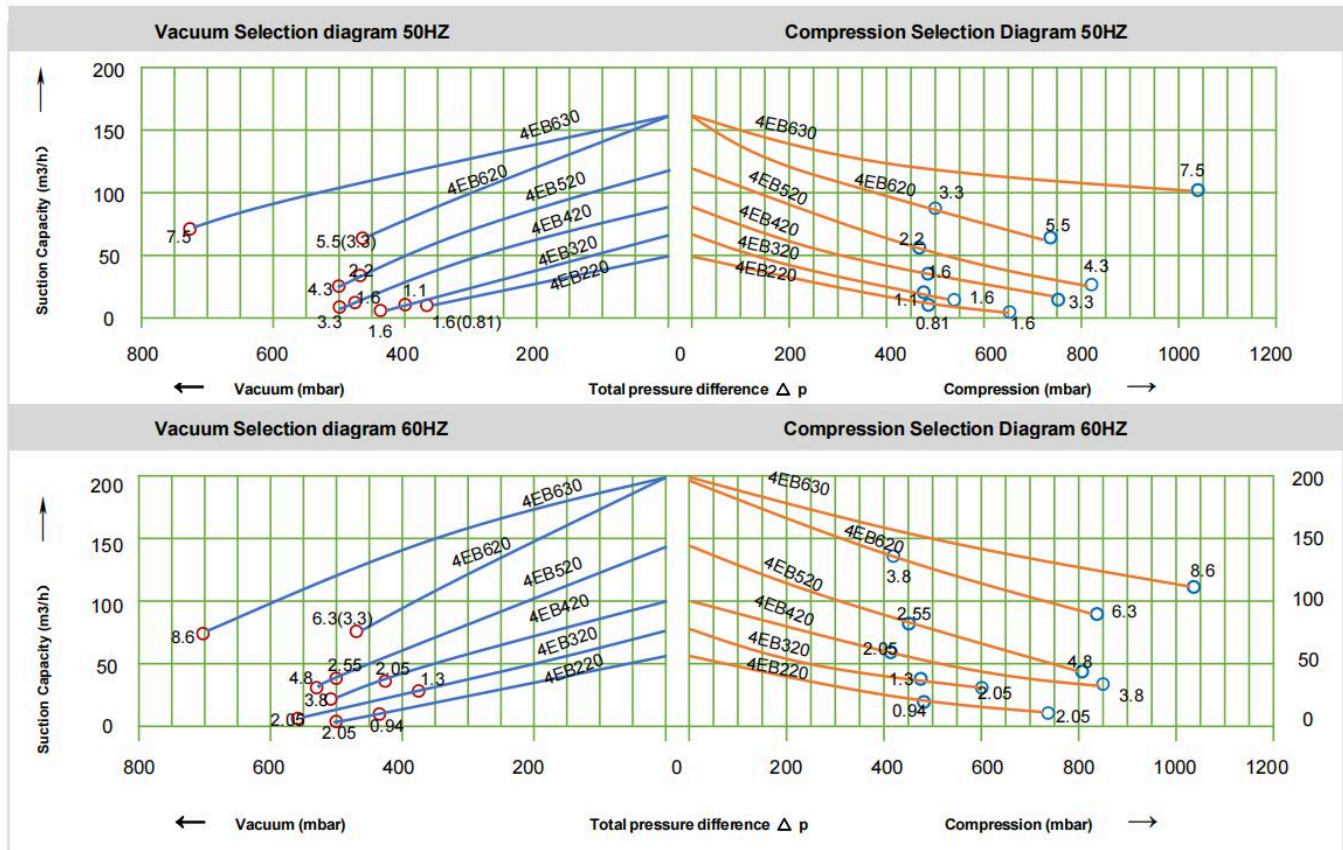
Model	Stage	Frequency	Power	Voltage	Current	Max airflow	Rated vacuum	Rated pressure	Noise	Weight
		Hz	kW	V	A	m ³ /h	mbar	mbar	dB(A)	kg
4EB220H26	Double	50	0.81	200-240Δ /345-415Y	4Δ/2.3 Y	47	-370	490	58	24
4EB220H26	Double	60	0.94	220-275 Δ/380-480Y	4Δ/2.3 Y	60	-440	480	62	24
4EB220H56	Double	50	1.6	200-240 Δ/345-415Y	7 . 5Δ/4.3Y	47	-370	650	58	28
4EB220H56	Double	60	2.05	220-275 Δ/380-480Y	7 . 6Δ/4.4Y	60	-500	740	62	28
4EB320H46	Double	50	1.1	200-240 Δ/345-415Y	5 .4Δ/3.1Y	65	-400	480	59	29
4EB320H46	Double	60	1.3	220-275 Δ/380-480Y	5 . 4Δ/3.1Y	76	-480	480	63	29
4EB320H56	Double	50	1.6	200-240 Δ/345-415Y	7 . 5Δ/4.3Y	65	-440	540	59	30
4EB320H56	Double	60	2.05	220-275 Δ/380-480Y	7 . 5Δ/4.4Y	76	-560	600	63	30
4EB420H26	Double	50	1.6	200-240 Δ/345-415Y	7 . 5Δ/4.3Y	87	-480	450	61	33
4EB420H26	Double	60	2.05	220-275 Δ/380-480Y	7 . 6Δ/4.4Y	105	-430	410	66	33
4EB420H56	Double	50	3.3	200-240 Δ/345-415Y	13Δ/7.5 Y	87	-500	750	61	39
4EB420H56	Double	60	3.8	220-275 Δ/380-480Y	13.8Δ8 Y	105	-510	850	66	39
4EB520H26	Double	50	2.2	200-240 Δ/345-415Y 1	1.4Δ/6.6Y	120	-470	460	64	40
4EB520H26	Double	60	2.55	220-275 Δ/380-480Y 1	1.2Δ/6.5Y	145	-500	450	70	40
4EB520H27	Double	50	4.3	345-4 15 Δ	9.5Δ	120	-500	820	65	51
4EB520H27	Double	60	4.8	380-4 80 Δ	10Δ	145	-530	810	71	51
4EB620H36	Double	50	3.3	200-240 Δ/345-415Y	1 3 Δ/7.5Y	165	-460	500	67	48
4EB620H36	Double	60	3.8	220-275 Δ/380-480Y 1	4.2Δ/8.2Y	195	-480	420	71	48
4EB620H57	Double	50	5.5	345-4 15 Δ	12Δ	165	-460	740	68	65
4EB620H57	Double	60	6.3	380-4 80 Δ	11.5Δ	195	-480	840	72	65
4EB630H67	Three	50	7.5	345-4 15 Δ	16Δ	170	-730	1040	72	86
4EB630H67	Three	60	8.6	380-4 80 Δ	16Δ	200	-700	1040	76	86



4EB CURVES - DOUBLE/THREE STAGE

4EB Curves - double/three stage

منحنيات 4EB - ثنائي/ثلاثي المرحلة



4EB Curves - double/three stage

Vacuum

Total pressure difference - Delta p

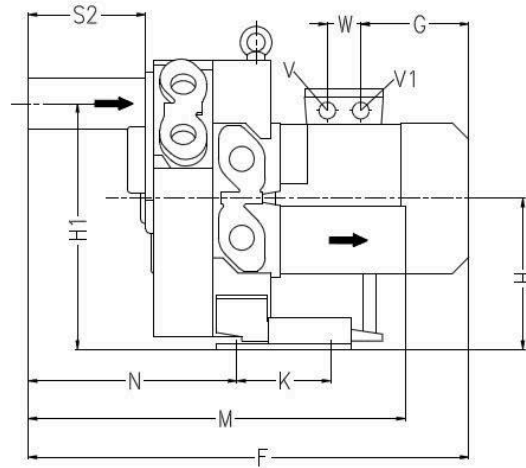
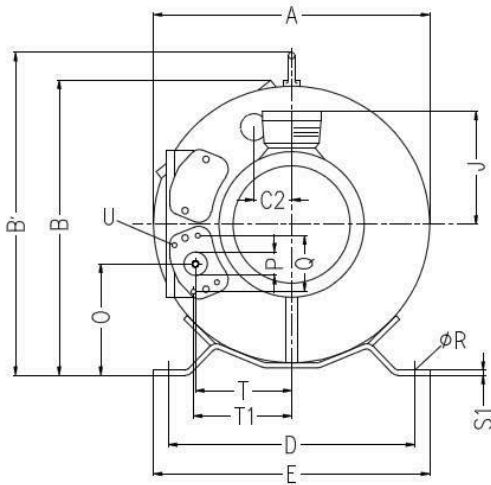
Pressure



4EB DIMENSIONS - DOUBLE/THREE STAGE ثنائي/ثلاثي المرحلة / 4 - أبعاد 4EB

4EB Dimensions - double/three stage

أبعاد 4EB - ثنائي/ثلاثي المرحلة



4EB Dimensions -
double/three stage

MODEL	AC	A	B	B1	C2	D	E	F	G	H	H1	J	K	M	N
4EB220H26	3AC	313	326	359	43	260	298	469	130	167	272	111	105	426	241
4EB220H56	3AC	313	326	359	43	260	298	525	185	167	272	128	105	426	241
4EB320H46	3AC	331	345	380	47	290	325	390	153	177	291	120	105	431	243
4EB320H56	3AC	331	345	380	47	290	325	421	185	177	291	128	105	431	243
4EB420H26	3AC	363	377	414	52	315	350	529	180	195	319	128	130	436	243
4EB420H56	3AC	363	377	414	52	315	350	554	211	195	319	128	130	436	243
4EB520H26	3AC	387	402	435	57	328	363	549	185	206	343	128	152	453	256
4EB520H77	3AC	387	402	435	57	328	363	603	211	206	343	148	152	453	256
4EB620H36	3AC	442	457	495	63	372	406	578	211	236	389	128	152	450	259
4EB620H57	3AC	442	457	495	63	372	406	643	248	236	389	148	152	450	259

MODEL	AC	O	P	Q	R	S1	S2	S3	T	T1	U	V	V1	W
4EB220H26	3AC	123	G11/4	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32
4EB220H56	3AC	123	G11/4	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32
4EB320H46	3AC	130	G11/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32
4EB320H56	3AC	130	G11/4	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32
4EB420H26	3AC	143	G11/4	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32
4EB420H56	3AC	143	G11/4	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32
4EB520H26	3AC	148	G11/4	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	42
4EB520H77	3AC	148	G11/4	64	14	5	140	31	137	138	M6x17	2xM32x 1.5	M16x1.5	32
4EB620H36	3AC	173	G11/4	64	14	5	140	31	153	155	M6x17	M25x1.5	M16x1.5	42
4EB620H57	3AC	173	G11/4	64	14	5	140	31	153	155	M6x17	2xM32x 1.5	M16x1.5	42

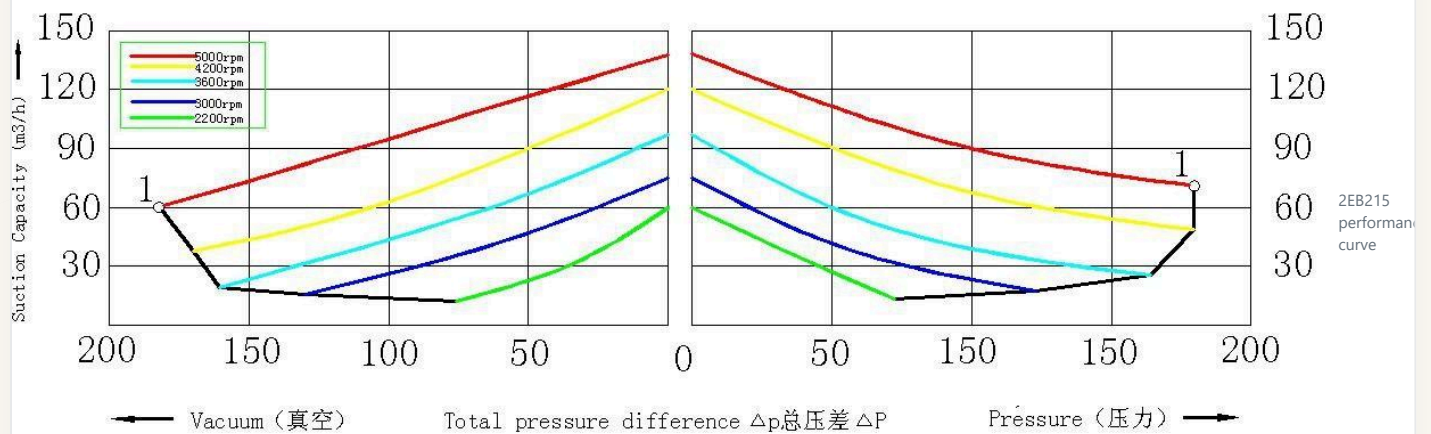


بيانات ومنحنى الأداء 2EB215 / 2EB215 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB215

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	0.7	80	-130	130	53	5.5
	3600	0.83	100	-160	160	56	
	4200	0.95	120	-170	170	60	
	5000	1.1	140	-180	170	62	



Vacuum

Total pressure difference - Delta p

Pressure

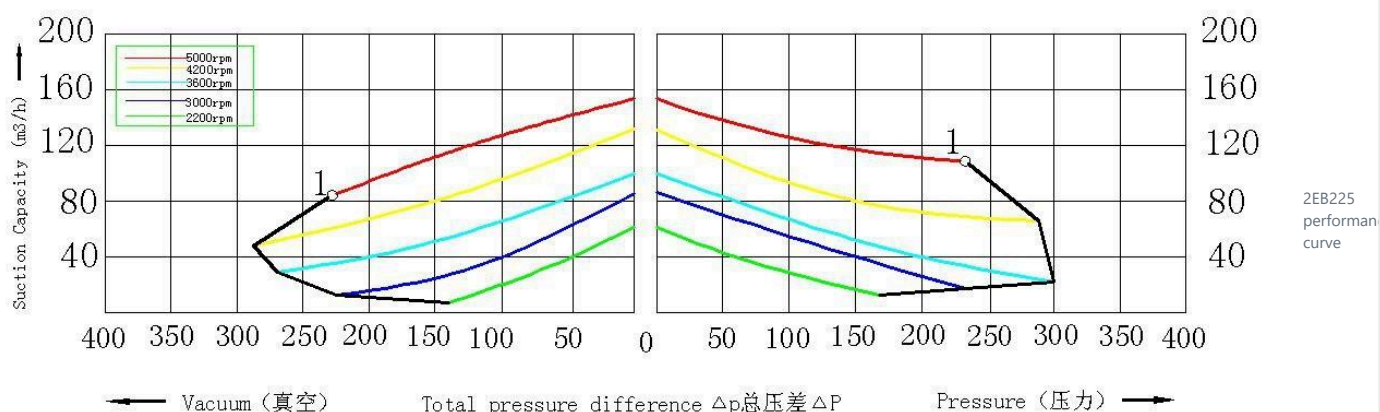


بيانات ومنحنى الأداء 2EB225 / 2EB225 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB225

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	0.7	85	-210	240	55	9
	3600	0.83	102	-260	290	61	
	4200	0.95	128	-290	280	64	
	5000	1.1	150	-220	230	66	



Vacuum

Total pressure difference - Delta p

Pressure

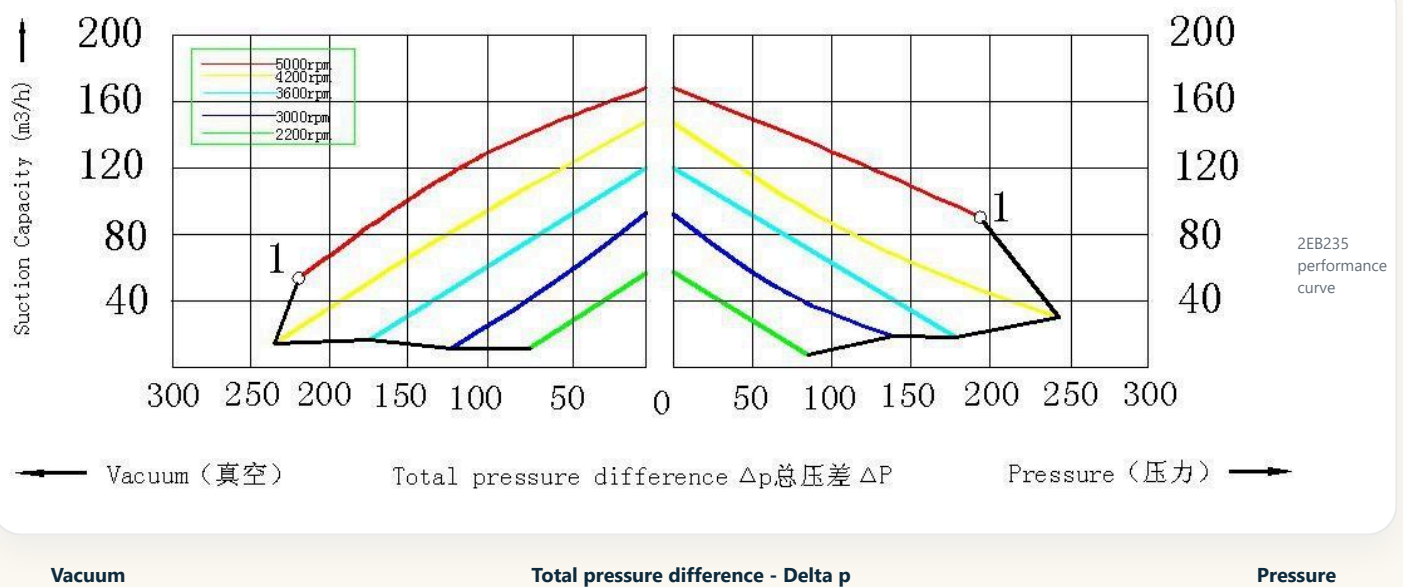


بيانات ومنحنى الأداء 2EB235 / 2EB235 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB235

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
	3000	0.7	105	-120	140	54	
	3600	0.83	120	-160	180	57	
	4200	0.95	140	-220	230	60	
	5000	1.1	170	-210	190	63	



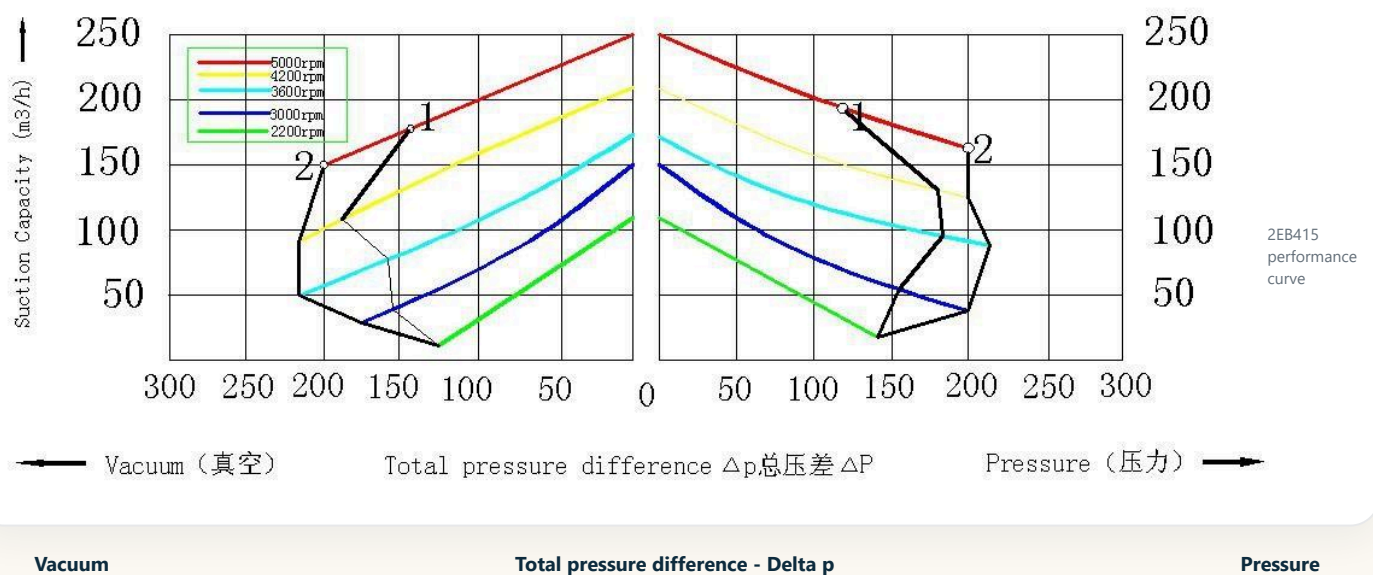


بيانات ومنحنى الأداء 2EB415 / 2EB415 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB415

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	0.85	150	-160	160	63	7.5
	3600	0.95	180	-160	160	64	
	4200	1.3	220	180	180	68	
	5000	1.5	250	-140	130	74	
B	3000	1.3	150	-170	200	63	
	3600	1.5	180	-210	200	64	
	4200	1.75	220	-210	190	68	
	5000	2.1	250	-190	190	74	



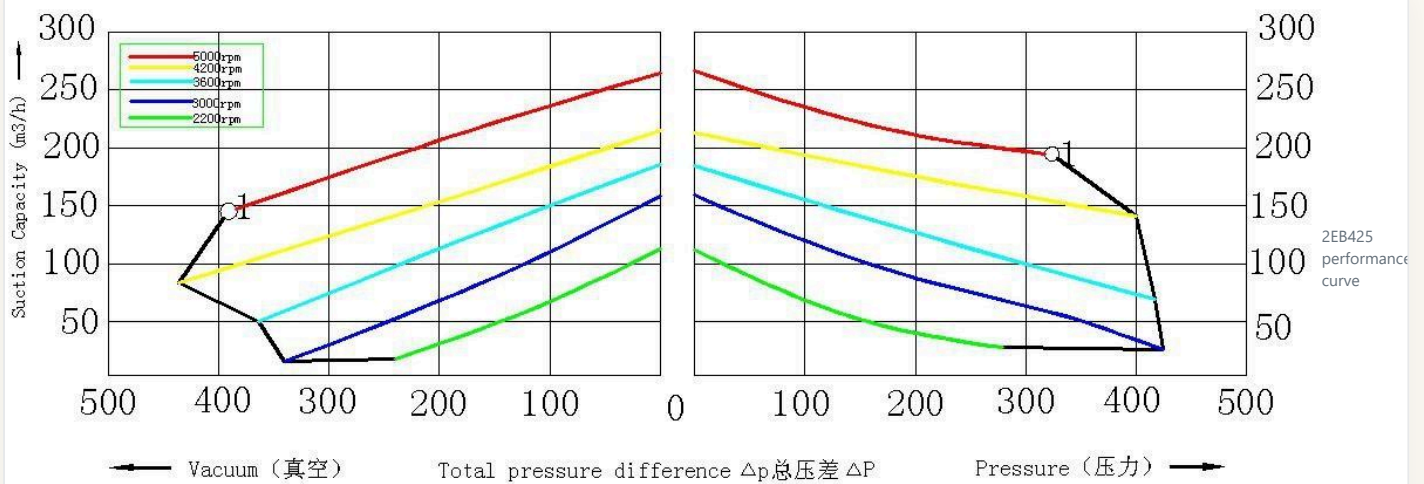


بيانات ومنحنى الأداء 2EB425 / 2EB425 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB425

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	2.2	160	-330	440	66	
	3600	2.55	190	-350	420	69	
	4200	3	230	-420	400	72	
	5000	3.8	260	-380	330	77	



Vacuum

Total pressure difference - Delta p

Pressure

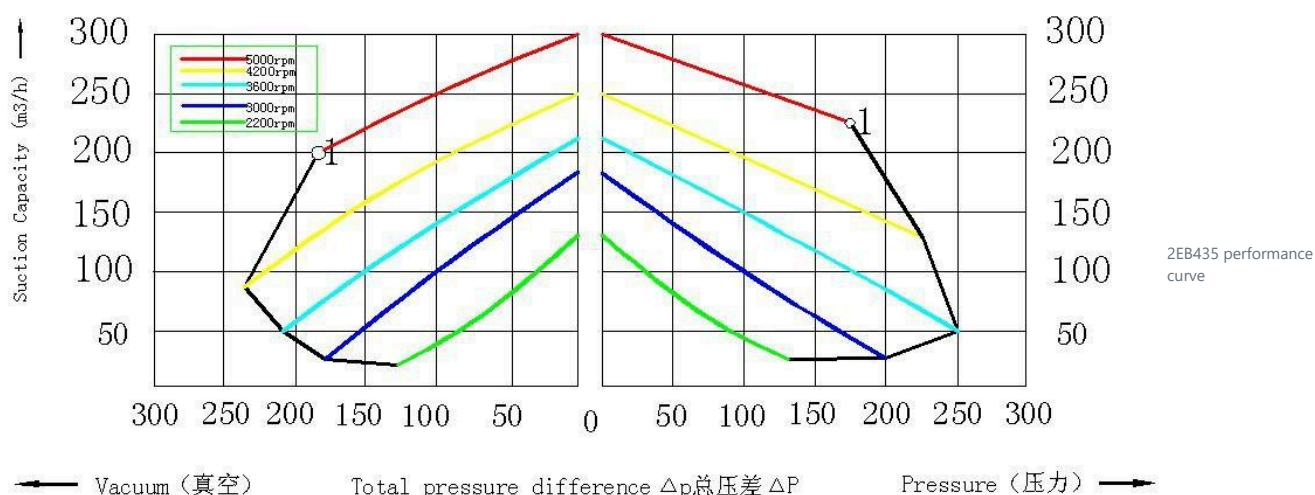


بيانات ومنحنى الأداء 2EB435 / 2EB435 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB435

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
	3000	1.3	180	-180	200	64	
	3600	1.5	210	-210	240	65	
	4200	1.75	255	-240	230	69	
	5000	2.1	300	-180	170	75	



Vacuum

Total pressure difference - Delta p

Pressure

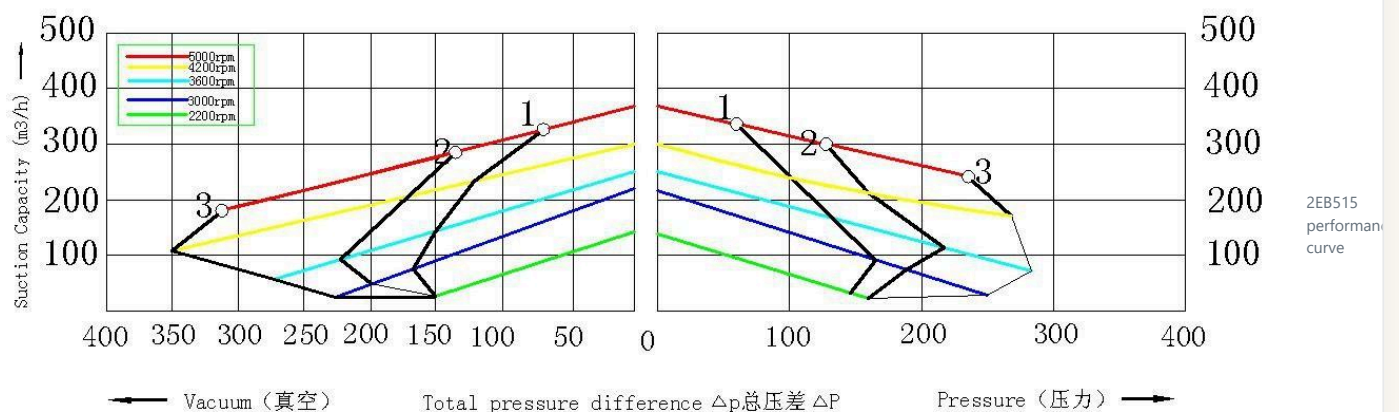


بيانات ومنحنى الأداء 2EB515 / 2EB515 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB515

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	1.3	210	-170	170	64	
	3600	1.5	255	-150	140	70	
	4200	1.75	300	-130	100	72	
	5000	2.1	350	-70	60	75	
B	3000	1.6	210	-200	190	64	
	3600	2.05	255	-220	210	70	
	4200	2.3	300	-180	170	72	
	5000	2.6	350	-130	120	75	
C	3000	2.2	210	-220	270	64	
	3600	2.55	255	-260	290	70	
	4200	3	300	-300	270	72	
	5000	3.8	350	-270	240	75	



Vacuum

Total pressure difference - Delta p

Pressure

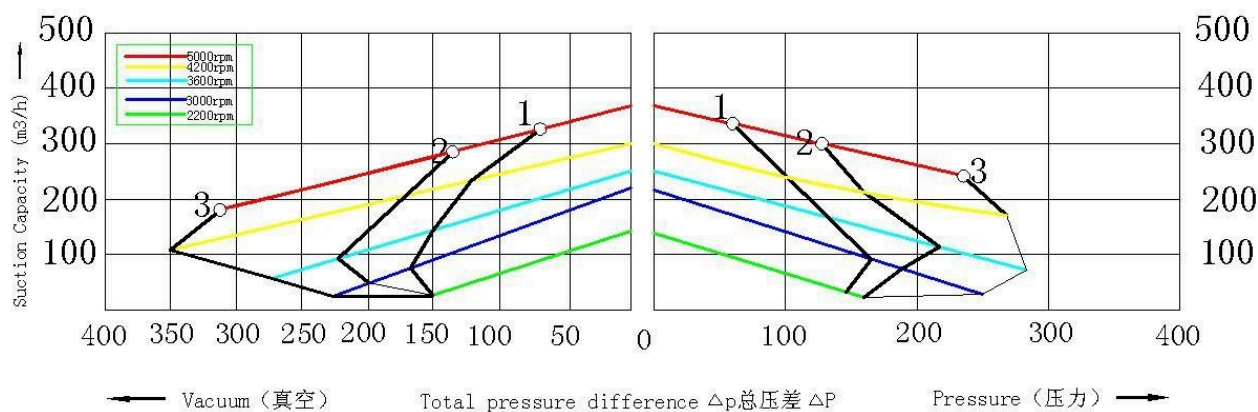


بيانات ومنحنى الأداء 2EB525 / 2EB525 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB525

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	3	230	-340	410	72	
	3600	3.45	275	-380	360	74	
	4200	4.3	320	-340	300	78	
	5000	5	380	-300	240	83	
B	3000	4	230	-390	440	72	
	3600	4.6	275	-410	480	74	
	4200	6	320	-440	480	78	
	5000	6.9	380	-460	410	83	



2EB525
performan
curve

Vacuum

Total pressure difference - Delta p

Pressure

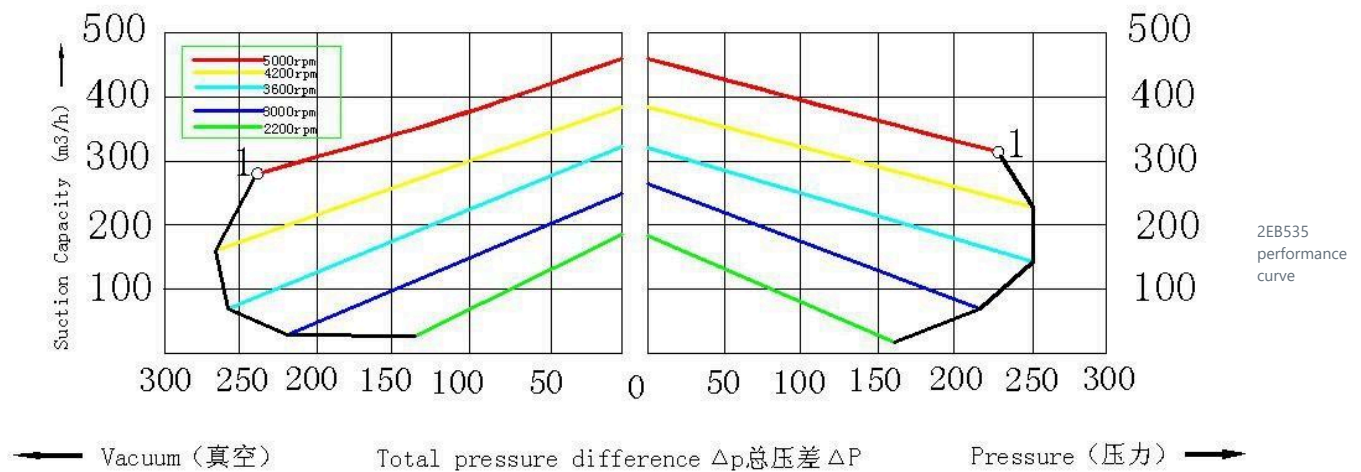


بيانات ومنحنى الأداء 2EB535 / 2EB535 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB535

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	2.2	270	-220	230	65	
	3600	2.55	330	-260	250	71	
	4200	3	390	-270	250	73	
	5000	3.8	460	-230	220	76	



Vacuum

Total pressure difference - Delta p

Pressure

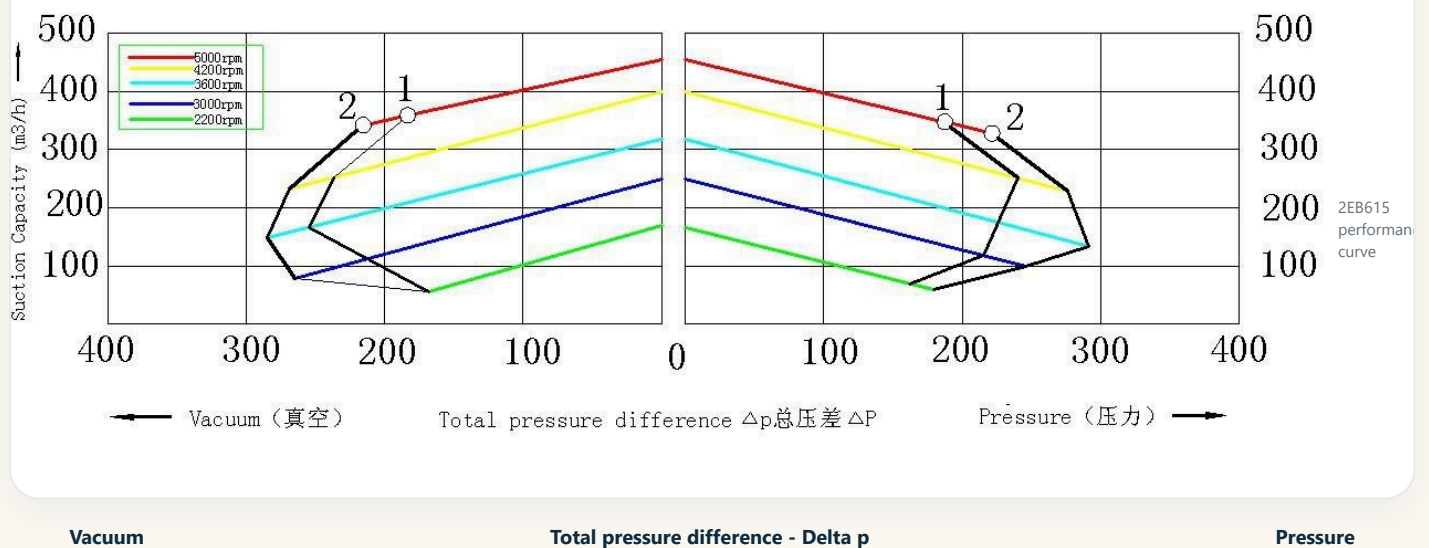


بيانات ومنحنى الأداء 2EB615 / 2EB615 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB615

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
1	3000	2.2	265	-220	220	65	
	3600	2.55	315	-250	240	71	
	4200	3	400	-240	250	73	
	5000	3.8	480	-180	190	76	
2	3000	3	265	-260	250	64	
	3600	3.45	315	-280	280	70	
	4200	4.3	400	-270	280	72	
	5000	5	480	-220	220	75	



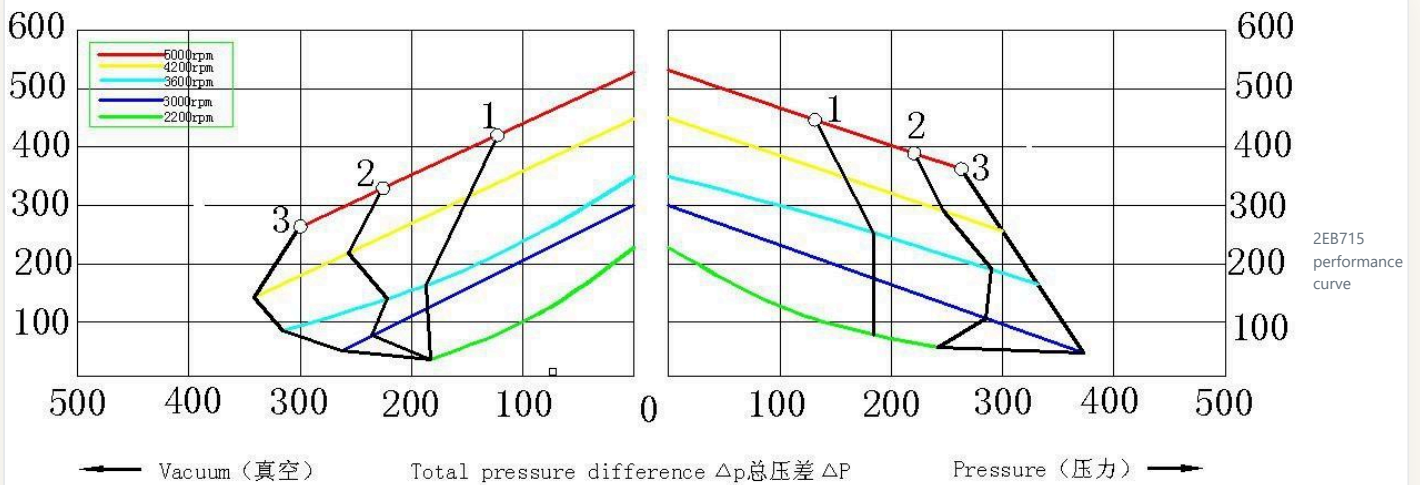


بيانات ومنحنى الأداء 2EB715 / 2EB715 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB715

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	2.2	320	-190	190	69	
	3600	2.55	380	-190	190	72	
	4200	3	440	-160	160	75	
	5000	3.8	530	-130	130	80	
B	3000	3	320	-260	270	64	
	3600	3.45	380	-240	230	70	
	4200	4.3	440	-270	220	72	
	5000	5	530	-220	210	75	
C	3000	4	320	-290	360	64	
	3600	4.6	380	-320	310	70	
	4200	6	440	-340	300	72	
	5000	6.9	530	-300	270	75	



Vacuum

Total pressure difference - Delta p

Pressure

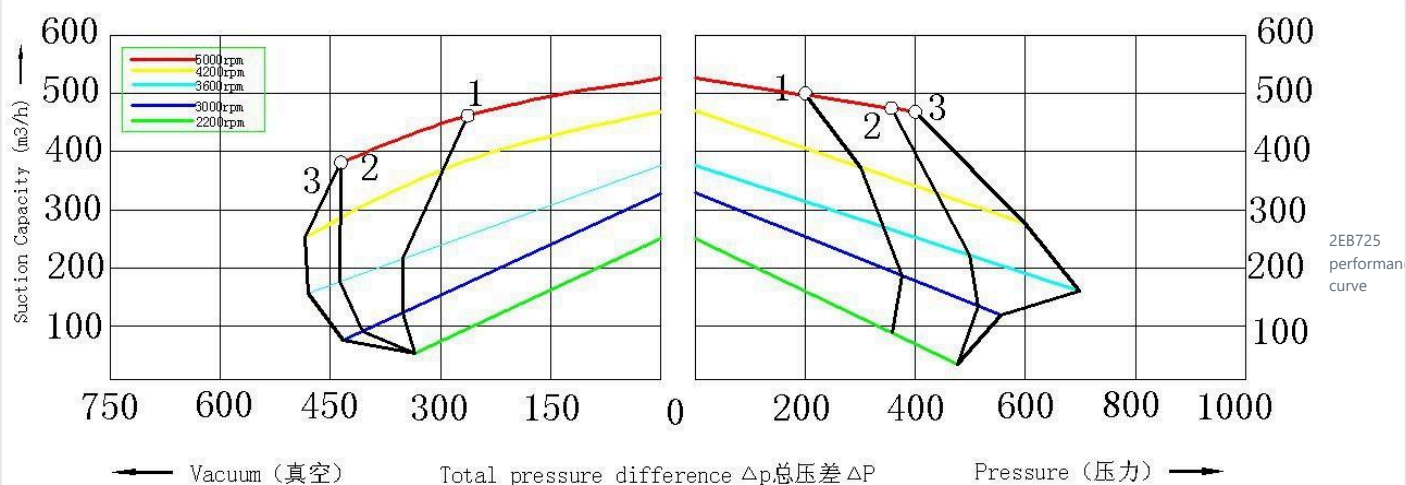


بيانات ومنحنى الأداء 2EB725 / 2EB725 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB725

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m ³ /h	mbar	mbar	dB(A)	Kg
A	3000	4.3	320	-360	380	73	
	3600	4.8	380	-350	320	75	
	4200	6.3	440	-310	300	78	
	5000	6.9	530	-240	200	84	
B	3000	5.5	320	-420	500	73	
	3600	6.3	380	-440	500	75	
	4200	7.5	440	-440	420	78	
	5000	8.8	530	-440	350	84	
C	3000	7.5	320	-440	570	73	
	3600	8.6	380	-460	660	75	
	4200	10	440	-460	600	78	
	5000	12	530	-460	410	84	



Vacuum

Total pressure difference - Delta p

Pressure

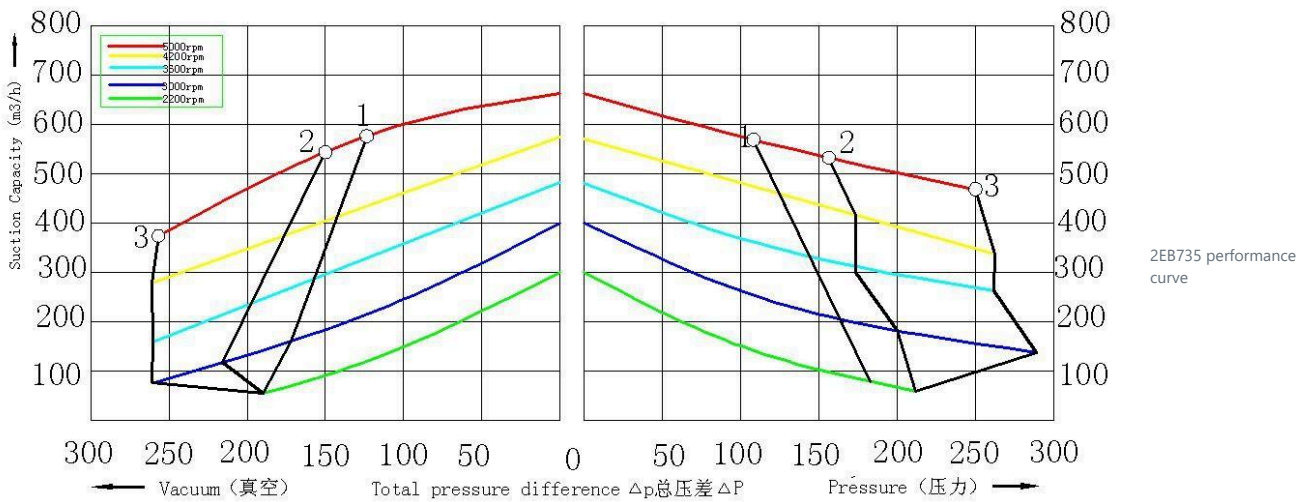


بيانات ومنحنى الأداء 2EB735 / 2EB735 PARAMETERS AND CURVE

High-speed performance data

بيانات ومنحنى الأداء 2EB735

NO	Rated Speed	Rated Power	Max air flow	Max vacuum	Max pressure	Sound-Level	Weight
	RPM	KW	m3/h	mbar	mbar	dB(A)	Kg
A	3000	2.2	420	-180	170	70	
	3600	2.55	500	-160	150	73	
	4200	3	580	-140	130	76	
	5000	3.8	660	-120	120	81	
B	3000	3	420	-220	200	70	
	3600	3.45	500	-200	170	73	
	4200	4.3	580	-180	170	76	
	5000	5	660	-150	150	81	
C	3000	4	420	-260	290	70	
	3600	4.6	500	-260	260	73	
	4200	6	580	-260	260	76	
	5000	6.9	660	-460	240	81	



Vacuum

Total pressure difference - Delta p

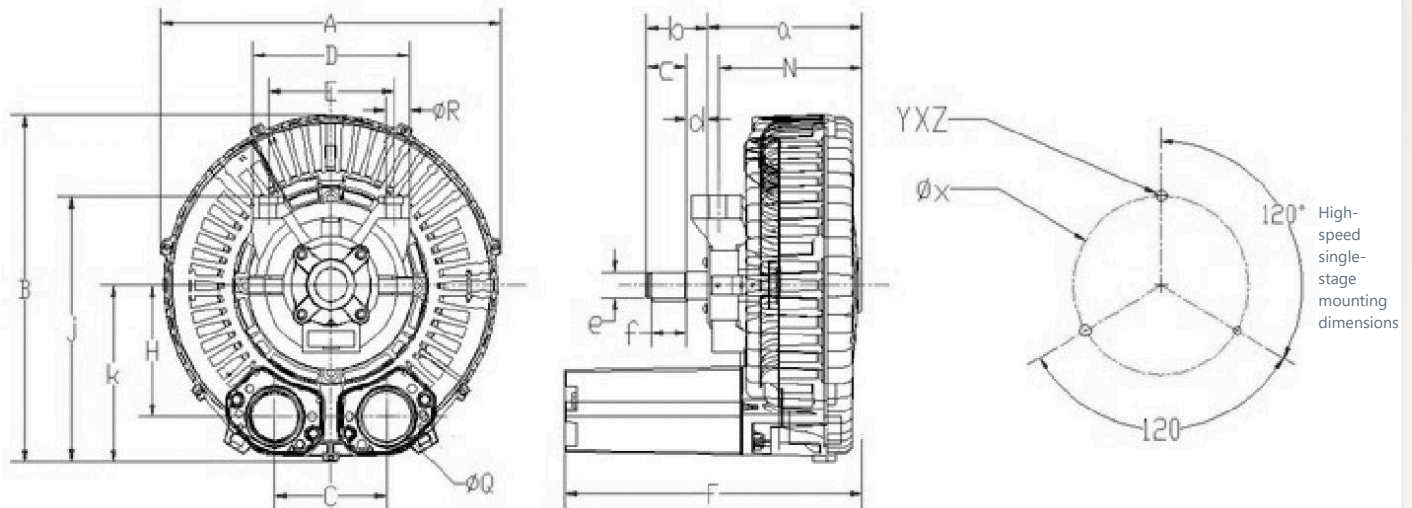
Pressure



أبعاد تركيب الطرازات أحادية المرحلة عالية السرعة / **HIGH-SPEED SINGLE-STAGE MOUNTING DIMENSIONS**

High-speed single-stage mounting dimensions

أبعاد تركيب الطرازات أحادية المرحلة عالية السرعة



MODEL	A	B	C	D	E	F	H	J	K	Q	R
4EB213 1HY99	246	240	90	157	125	230	89	211	125	40	14
4EB233 1HY99	246	240	90	157	125	241	89	211	125	40	14
4EB413 1HY99	286	300	115	157	125	240	108	233	148	45	14
4EB433 1HY99	286	300	115	157	125	256	108	233	148	45	14
4EB513 1HY99	334	324	120	177	140	297	127	268	169	55	18
4EB533 1HY99	334	324	120	177	140	316	127	268	169	55	18
4EB613 1HY99	360	358	122	177	140	318	135	281	183	55	18
4EB633 1HY99	360	358	122	177	140	336	135	281	183	55	18
4EB713 1HY99	382	382	125	177	140	333	144	292	194	55	18
4EB733 1HY99	382	382	125	177	140	343	144	292	194	55	18

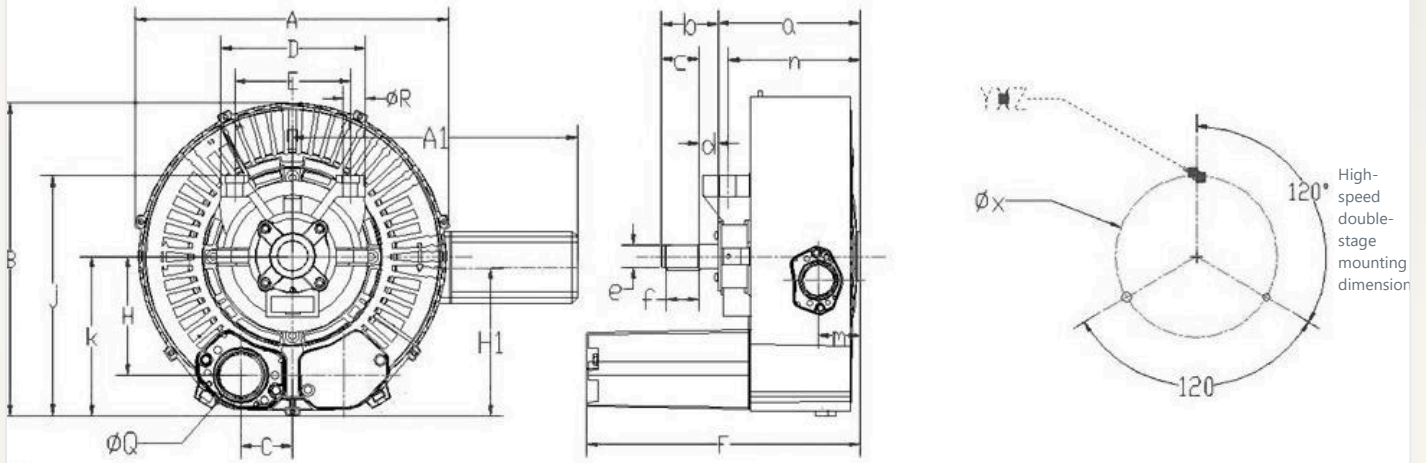
MODEL	a	b	c	d	e	f	g	h	n	YxZ	X
4EB213 1HY99	140	51	43	2	24	40	8	20	128	M6x15	140
4EB233 1HY99	151	51	43	2	24	40	8	20	139	M6x15	140
4EB413 1HY99	143	53	43	2	24	40	8	20	130	M6x15	174
4EB433 1HY99	159	53	43	2	24	40	8	20	146	M6x15	174
4EB513 1HY99	169	60	44	2	28	40	8	24	156	M8x20	200
4EB533 1HY99	188	60	44	2	28	40	8	24	175	M8x20	200
4EB613 1HY99	175	60	44	2	28	40	8	24	163	M8x20	226
4EB633 1HY99	193	60	44	2	28	40	8	24	181	M8x20	226
4EB713 1HY99	182	60	44	2	28	40	8	24	169	M810x20	240
4EB733 1HY99	192	60	44	2	28	40	8	24	179	M810x20	240



أبعاد تركيب الطرازات ثنائية المرحلة عالية السرعة / HIGH-SPEED DOUBLE-STAGE MOUNTING DIMENSIONS

High-speed double-stage mounting dimensions

أبعاد تركيب الطرازات ثنائية المرحلة عالية السرعة



MODEL	A	B	C	D	E	F	H	J	K	Q	R	A1	H1
4EB223 1HY99	285	270	45	157	125	288	89	214	128	40	14	217	106
4EB323 1HY99	297	289	46	157	125	302	100	227	141	40	14	323	114
4EB423 1HY99	322	315	58	157	125	316	108	240	154	45	14	322	153
4EB523 1HY99	371	361	60	177	140	383	127	275	175	55	18	411	145
4EB723 1HY99	426	421	63	177	140	429	144	295	197	55	18	426	162

MODEL	a	b	c	d	e	f	g	h	m	n	YxZ	X
4EB223 1HY99	199	51	43	2	24	40	8	20	42	186	M6x15	140
4EB323 1HY99	209	51	43	2	24	40	8	20	46	196	M6x15	160
4EB423 1HY99	219	53	43	2	24	40	8	20	46	207	M6x15	174
4EB523 1HY99	255	60	44	2	28	40	8	24	55	241	M8x15	200
4EB723 1HY99	278	60	44	2	28	40	8	24	75	265	M10x15	240



أمثلة التطبيقات

حالات استخدام نموذجية للتشغيل بالتفريغ أو الضغط.
Typical use cases for vacuum and pressure operation.

The sucking of the printing machine of entwork edition The suction pressure fixed, in order to facilitate the printing operation	Eject the exhaust gas and dust produced while welding/drawing Smoke and dust when welding vacuum mode row to the operator, ensure health	The weeve cotton machine suck silk Absorbing moisture and fixed line, improve the quality of efficiency	Photo - engraving Using vacuum suction force protection film, make flat, suitable for gravure industry	The powder body transports Plastic materials and other granular objects, by blowing or sucking to transport
Print suck Vacuum suction printing or tissue formation to	Industry hoover Factory always scrap residue on the machine, can smoke collection	Vacuum dehydrate The pulp dehydration dehydration, dehydration, pollution, cloth	Make books machine When cutting the book suction kept	Incomplete cloth deal with Cloth cutting processing cutting cloth
Ox milk paper carton filling machine Vacuum milk box filled with the attraction	Bean curd machinery Draw soybean delivery, to the cleaning tank cleaning	Keeping processing Wood, plastic and other non-magnetic objects fixed with	Defence works scenne Tunnel with small work site, dust, poisonous gas, partial removal	Iron cloth machine Press cloth will emit vapor

Powder body transport Powder body grains of body etc. all of raw materials transport	Incinerator atmospherical help blaze and exhaust	The exhaust gas blows smoking discharging rapidly by the scattered exhaust gas that appears so as not to cause pollution	Wash the car and dry up blow the moisture contents dry after having car machine washing	Print and force dryness enabling the printing color to dry fast
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The gas and heavy or gunk out filling High pressure air (2.0500mmHg) adequate ventilation. Will reduce your dependence on compressor	Wash the bottle machine Beverage bottle washing will stop dry. Applicable to the food industry	Can collect all the bits automatically after cut the paper Automatic collection of plastic, cloth, paper cutting edge	It is dry to use the air knife The circuit board can be used to blow a small blower Dust and debris	Air cushion increasing the buoyancy easy to move
The domestic animal excrement forms feces gas High pressure air is blown into the storage tank grows, increase the contact area and also available for polluted wastewater treatment	Subpoena transport I regards air as motive force to be fast also ready to transport	The electrolytic liquid mix circuit trough make the electrolyte circulate, and repeat adhering to the bubble and make electroplate rapidly the results is even	The oxygen supply in dried aquatics The exhaust gas blows smoking	Puncher machine convenient to is it press product of taking shape after to take out

النقل بالتفريغ
Vacuum conveying

الطباعة ومناولة الورق
Printing and paper handling

التجفيف بسكاكين الهواء
Drying with air knives

استخلاص الغبار والغازات العملية
Dust extraction

التعبئة والتغليف
Packaging and filling

التهوئة وإمداد الأكسجين
Aeration and oxygen supply

تنظيف المرشحات بالنفخ
Filter cleaning

مناولة البلاستيك والحببيات
Plastic and granule handling

عمليات النسيج
Textile processing

دعم معالجة الأغذية
Food processing support

التهوئة الموضعية وتهوية الأنفاق
Tunnel and localized ventilation

غسل السيارات وتجفيف الأسطح
Car washing and surface drying

الملحقات

تُستخدم المرشحات وصمامات التنفيس المصنوعة من الألمنيوم والبلاستيك وكواتم الصوت وأوعية المرشحات لاستكمال حزمة التركيب.

Filters, aluminum relief valves, plastic relief valves, silencers and filter buckets are used to complete the installation package.



وحدة منفاخ حلقي

Ring blower unit

جسم منفاخ كامل للتشغيل بالتفريغ أو الضغط.
Complete blower body for vacuum or pressure operation.



مرشح مدخل

Inlet filter

يحمي المنفاخ من الغبار وجسيمات العملية.
Protects the blower from dust and process particles.



صمام تنفيس من الألمنيوم

Aluminum relief valve

حماية ميكانيكية من فرق الضغط الزائد.
Mechanical protection against excessive differential pressure.



صمام تنفيس من البلاستيك

Plastic relief valve

صمام تنفيس ضغط مدمج للتركيبات الخفيفة.
Compact pressure relief accessory for light-duty installations.



كاتم صوت

Silencer

يخفض مستوى ضوضاء المدخل أو المخرج في خط الأنابيب.
Reduces inlet or outlet noise level in the pipeline.



وعاء مرشح

Filter bucket

وعاء مرشح أكبر لتطبيقات الشفط كثيرة الغبار.
Larger filter body for dusty suction applications.



Barakah Mechanical Industries FZE

وثائق معدات الهواء الصناعي والتفريغ

Industrial air and vacuum equipment documentation

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