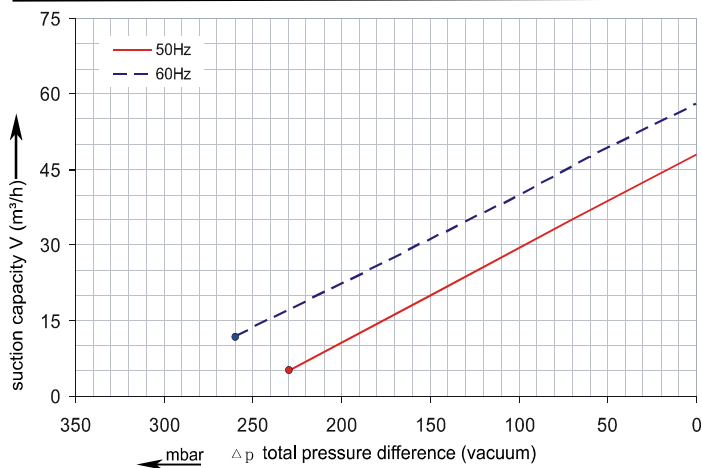


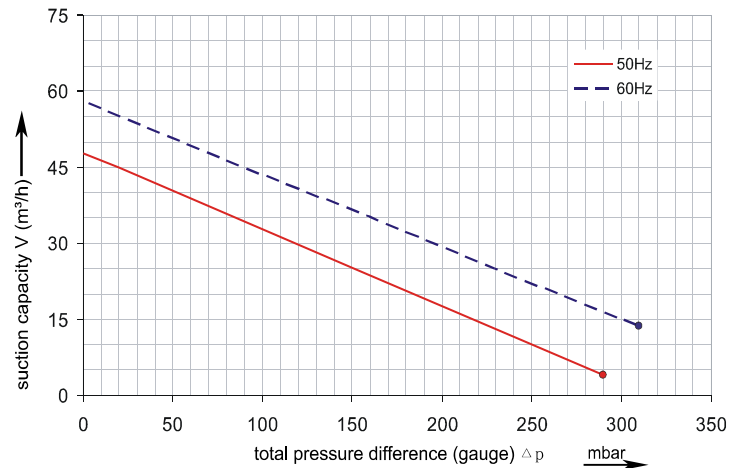
Multi stage side channel vacuum pump / compressor EVSC-M00A1



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M00A1

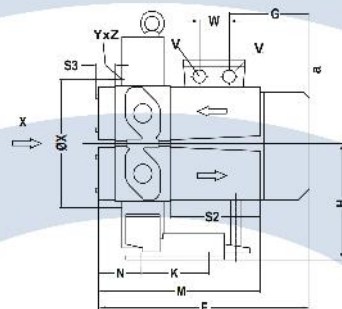
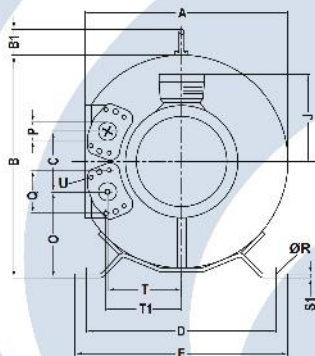
Motor power	kW	50 Hz	60 Hz
Maximum airflow	m³/h	47	57
Ultimate pressure	mbar	+290	+310
Ultimate vacuum	mbar	-230	-260
Input voltage	V	115-230	115-230
Input current	A	13,0/6,5	14,2/7,1
Noise level	dB(A)	57	62
Weight	kg	18	18
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M00A1

EVSC-M00A1	1ph AC	145100
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

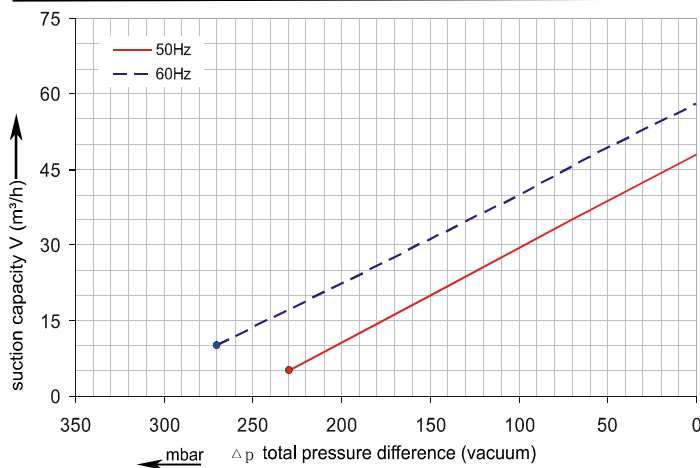


Type	Phases																													
		A	B	B1	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M00A1	1...	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G1/16(18 deco)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32	153	M6x15	

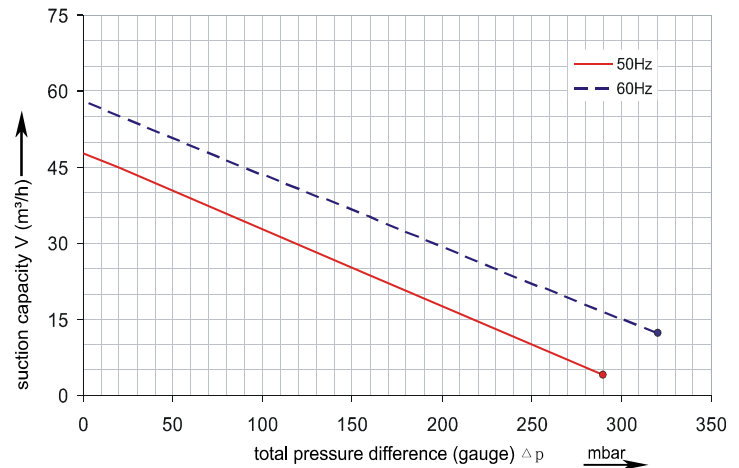
Multi stage side channel vacuum pump / compressor EVSC-M00A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M00A3

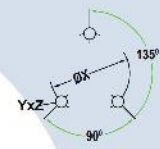
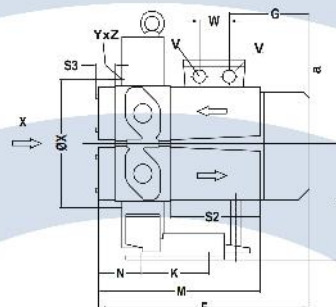
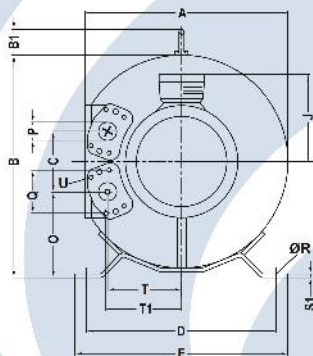
		50 Hz	60 Hz
Motor power	kW	0,55	0,63
Maximum airflow	m³/h	47	57
Ultimate pressure	mbar	+290	+320
Ultimate vacuum	mbar	-230	-270
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	2,8	3,0
Input current Y	A	1,6	1,7
Noise level	dB(A)	57	62
Weight	kg	16	16
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M00A3

EVSC-M00A3	3ph AC	145300
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

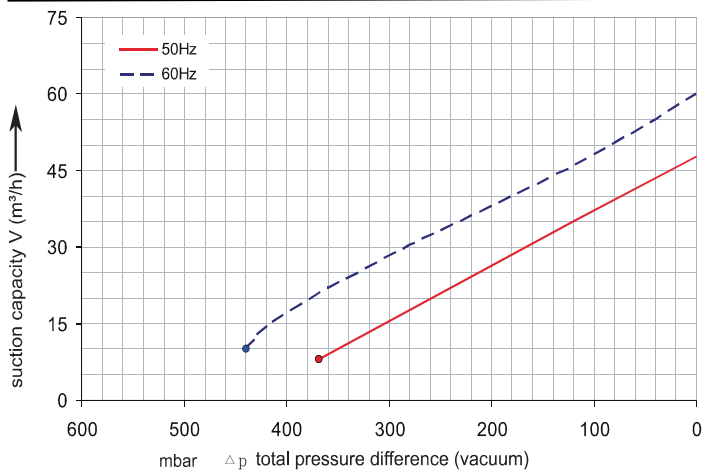


Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	W	ØX	YxZ
EVSC-M00A3	1...	294	319	39	87	260	298	293	129	167	111	105	252	65	124	G1 1/4 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32	153	M6x15

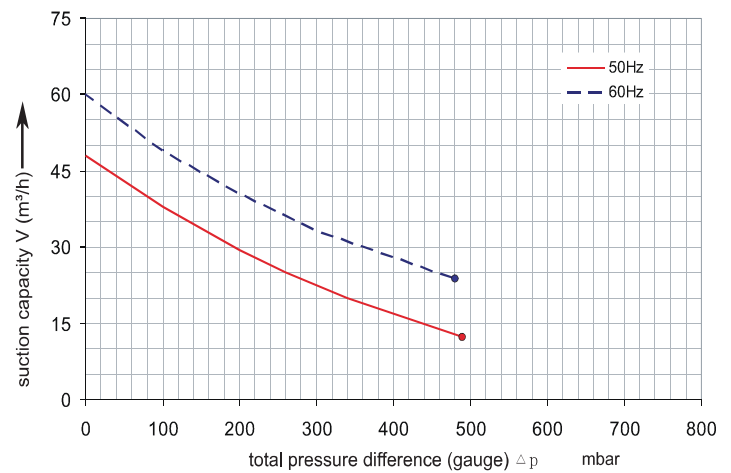
Multi stage side channel vacuum pump / compressor **EVSC-M01A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M01A3

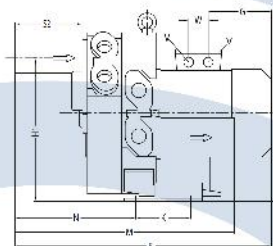
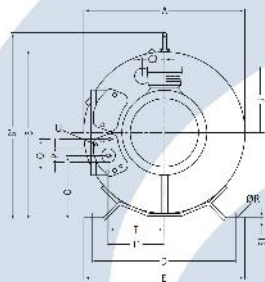
		50 Hz	60 Hz
Motor power	kW	0,81	0,94
Maximum airflow	m³/h	47	60
Ultimate pressure	mbar	+490	+480
Ultimate vacuum	mbar	-370	-440
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	4,0	4,0
Input current Y	A	2,3	2,3
Noise level	dB(A)	58	62
Weight	kg	24	24
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M01A3

EVSC-M01A3	3ph AC	145301
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

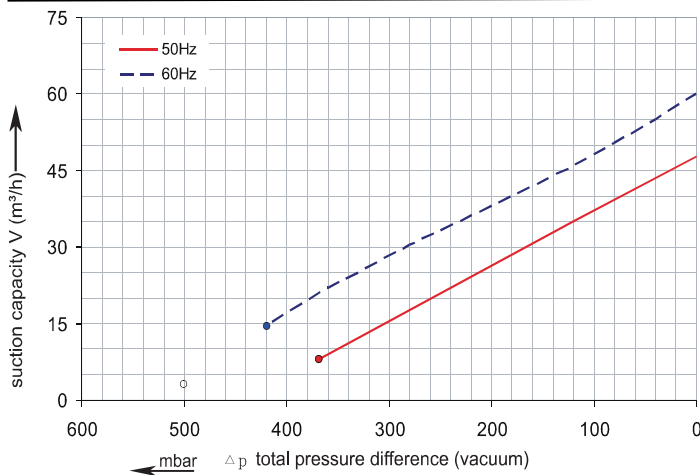


Type	Phases	A	B	B'	C2	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
EVSC M01A3	3~	313	326	359	43	260	298	469	130	167	272	111	105	426	241	123	G1 1/2 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32

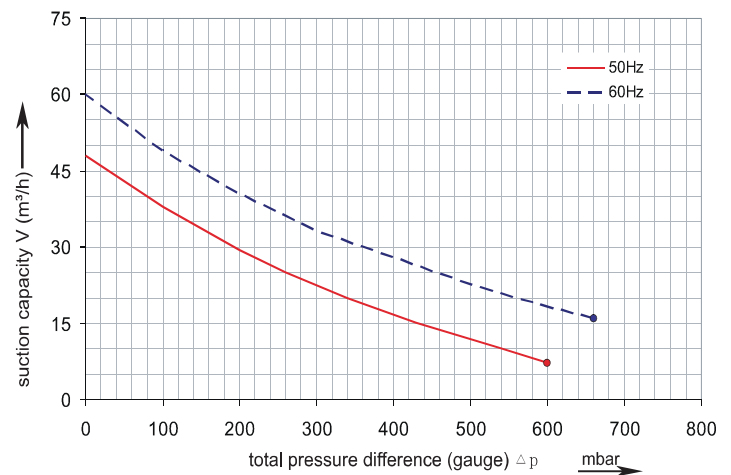
Multi stage side channel vacuum pump / compressor **EVSC-M02A1**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M02A1

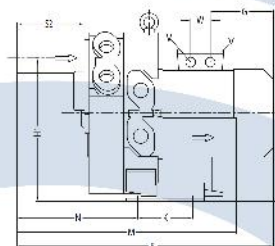
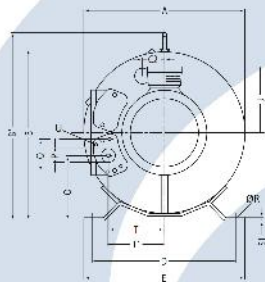
		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	47	60
Ultimate pressure	mbar	+600	+660
Ultimate vacuum	mbar	-370	-420
Input voltage	V	115-230	115-230
Input current	A	19,4/9,7	20,6/10,3
Noise level	dB(A)	58	62
Weight	kg	30	30
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M02A1

EVSC-M02A1	1ph AC	145102
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

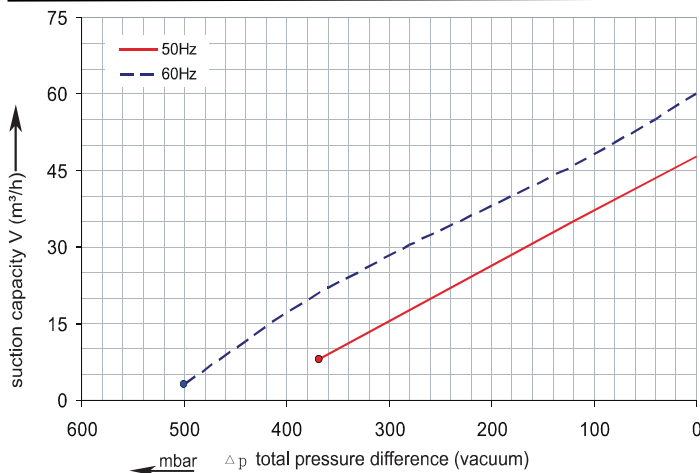


Type	Phases	A	B	B'	C	D	E	F	G	H	H'	J	K	M	N	O	P	Q	R	S1	S2	S3	T	T1	U	V	V1	W
EVSC M02A1	1~	313	326	359	43	260	298	525	185	167	272	128	105	426	241	123	G1 1/2 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1,5	M16x1,5	32

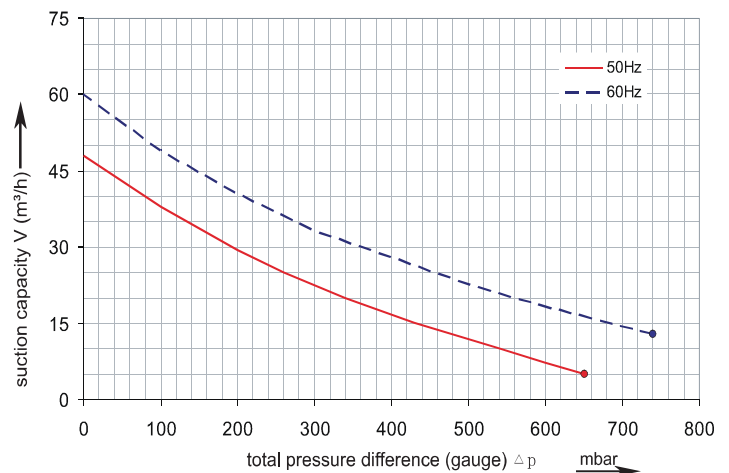
Multi stage side channel vacuum pump / compressor **EVSC-M02A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M02A3

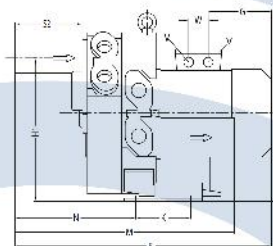
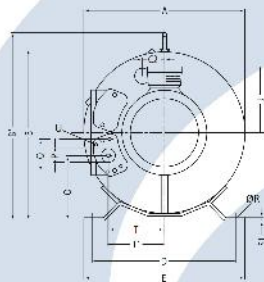
		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	47	60
Ultimate pressure	mbar	+650	+740
Ultimate vacuum	mbar	-370	-500
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	7,5	7,6
Input current Y	A	4,3	4,4
Noise level	dB(A)	58	62
Weight	kg	28	28
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M02A3

EVSC-M02A3	3ph AC	145302
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

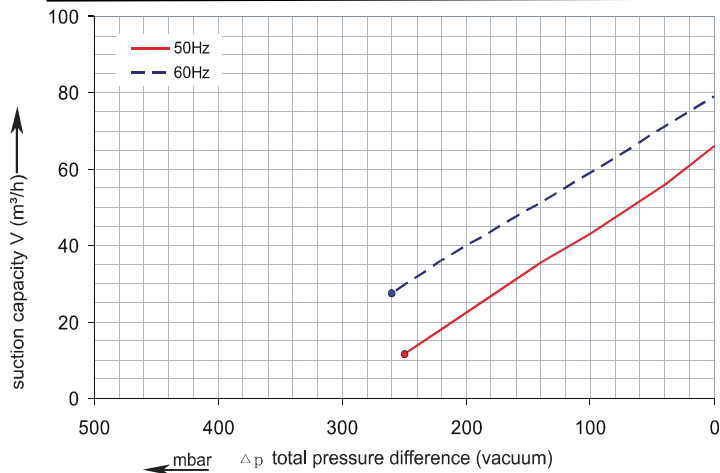


Type	Phases	A	B	B'	C2	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W
EVSC M02A3	3~	313	326	359	43	260	298	525	185	167	272	128	105	426	241	123	G1 1/2 (18 deep)	64	14	4	140	31	105	107	M6x17	M25x1.5	M16x1.5	32

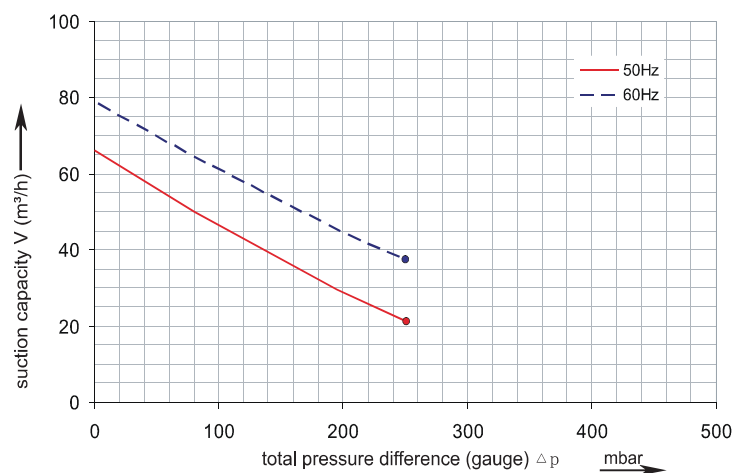
Multi stage side channel vacuum pump / compressor EVSC-M10A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M10A3

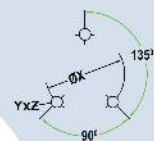
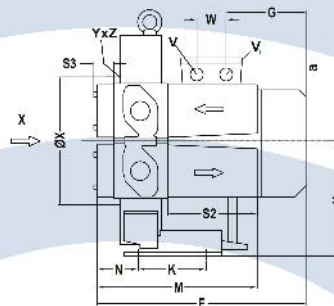
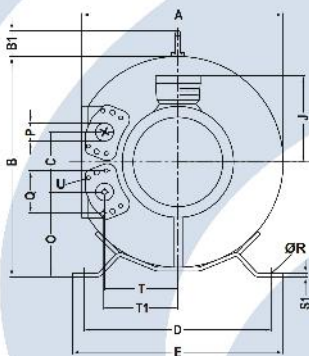
		50 Hz	60 Hz
Motor power	kW	0,55	0,63
Maximum airflow	m³/h	66	80
Ultimate pressure	mbar	+250	+250
Ultimate vacuum	mbar	-250	-260
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	2,8	3,0
Input current Y	A	1,6	1,7
Noise level	dB(A)	57	62
Weight	kg	16	16
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M10A3

EVSC-M10A3	3ph AC	145310
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

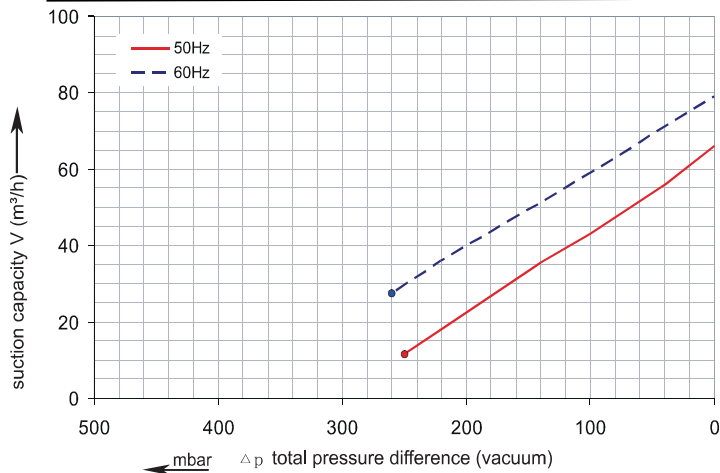


Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	QR	S1	S2	S3	T	T1	U	V	W	ØX	YxZ
EVSC M10A3	3 ~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1/4" (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1,5	M16x1,5	32	153	M6x15

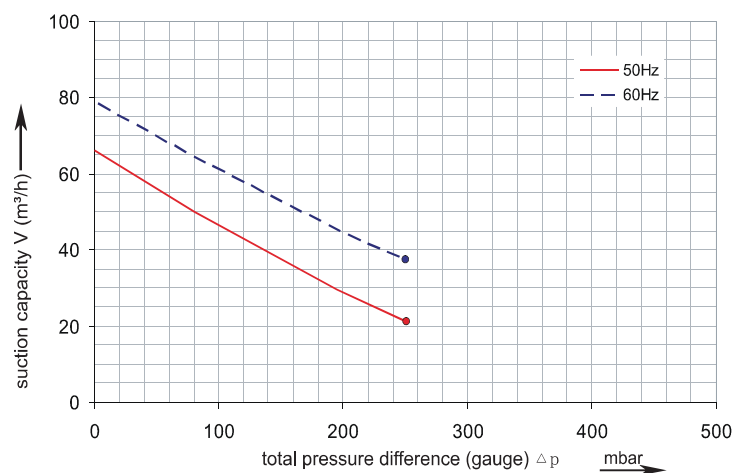
Multi stage side channel vacuum pump / compressor EVSC-M11A1



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M11A1

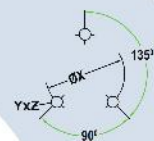
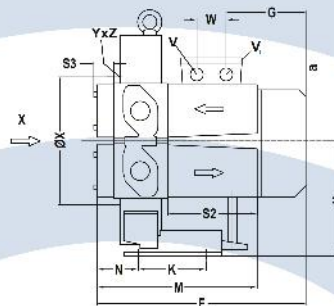
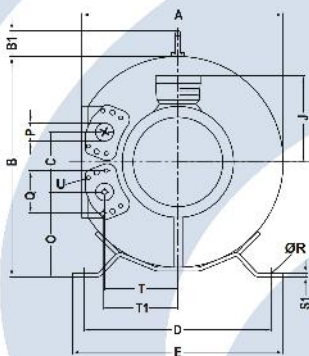
		50 Hz	60 Hz
Motor power	kW	0,94	1,1
Maximum airflow	m³/h	66	80
Ultimate pressure	mbar	+350	+390
Ultimate vacuum	mbar	-250	-280
Input voltage	V	155/230	115/230
Input current	A	18,0/9,0	18,0/9,0
Noise level	dB(A)	57	62
Weight	kg	18	18
Connection	inlet	G(BSP) 1¼"	1¼"
	outlet	G(BSP) 1¼"	1¼"

Ordering Information TYPE EVSC-M11A1

EVSC-M11A1	1ph AC	145111
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

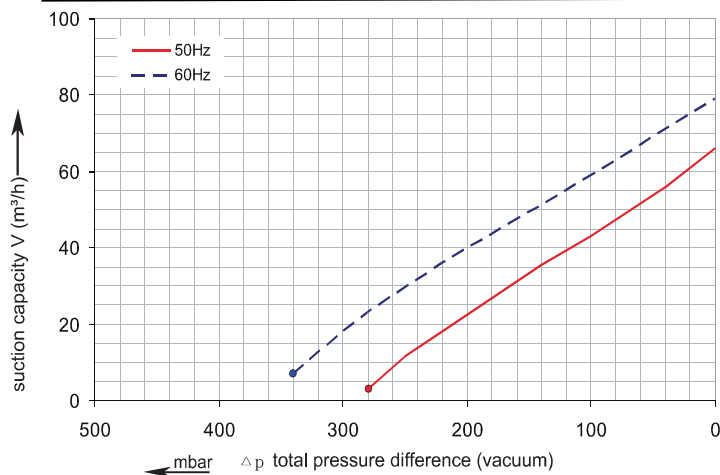


Type	Phases	A	B	B	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W	ØX	YxZ
EVSC-M11A1	1~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1,5(18 deep)	64	14	4	140	31	114	116	M6x17	M25x1,5	M16x1,5	32	153	M6x15

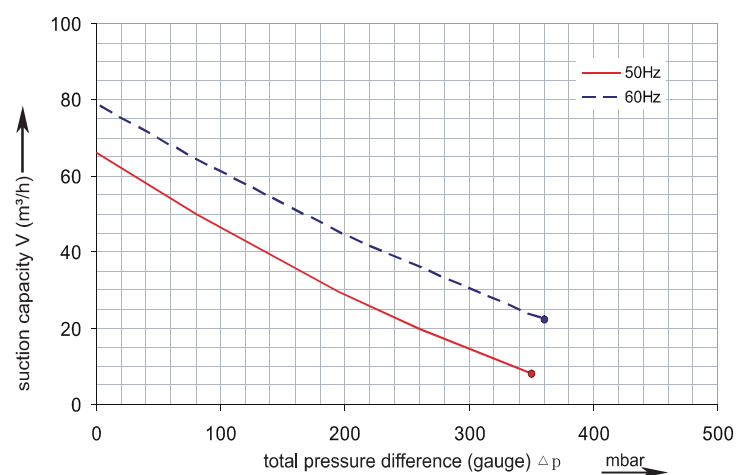
Multi stage side channel vacuum pump / compressor **EVSC-M11A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M11A3

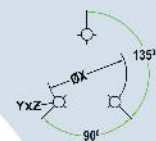
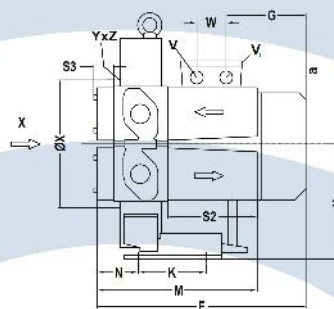
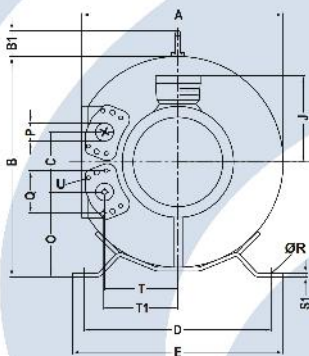
Motor power	kW	50 Hz	0,81	60 Hz	0,94
Maximum airflow	m³/h		66		80
Ultimate pressure	mbar		+350		+360
Ultimate vacuum	mbar		-280		-340
Input voltage 3 phase Δ	V		200-240		220-275
Input voltage 3 phase Y	V		345-415		380-480
Input current Δ	A		4,0		4,0
Input current Y	A		2,3		2,3
Noise level	dB(A)		57		62
Weight	kg		17		17
Connection inlet	G(BSP)		1 1/4"		1 1/4"
Connection outlet	G(BSP)		1 1/4"		1 1/4"

Ordering Information TYPE EVSC-M11A3

EVSC-M11A3	3ph AC	145311
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

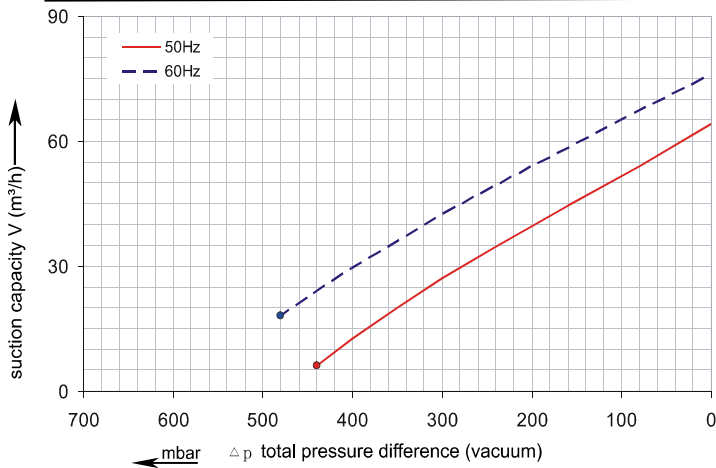


Type	Phases	A	B	B ₁	C	D	E	F	G	H	J	K	L	N	O	P	Q	QR	S ₁	S ₂	S ₃	T	T ₁	U	V	W	ØX	YxZ	
EVSC M11A3	3~	313	339	39	94	290	325	295	153	177	120	105	256	67	130	G1 1/4 (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32	153	M6x15

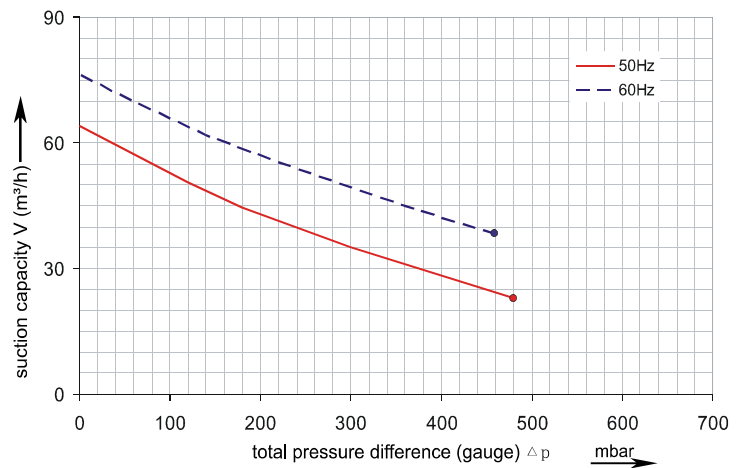
Multi stage side channel vacuum pump / compressor EVSC-M12A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M12A3

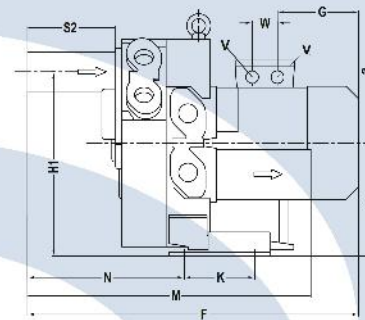
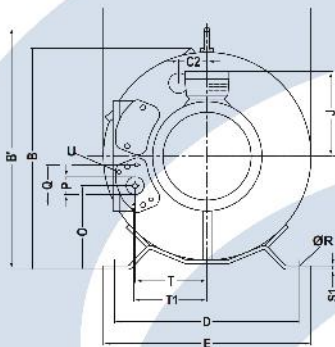
		50 Hz	60 Hz
Motor power	kW	1,1	1,3
Maximum airflow	m³/h	65	76
Ultimate pressure	mbar	+480	+460
Ultimate vacuum	mbar	-400	-480
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	5,4	5,4
Input current Y	A	3,1	3,1
Noise level	dB(A)	59	63
Weight	kg	29	29
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M12A3

EVSC-M12A3	3ph AC	145312
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

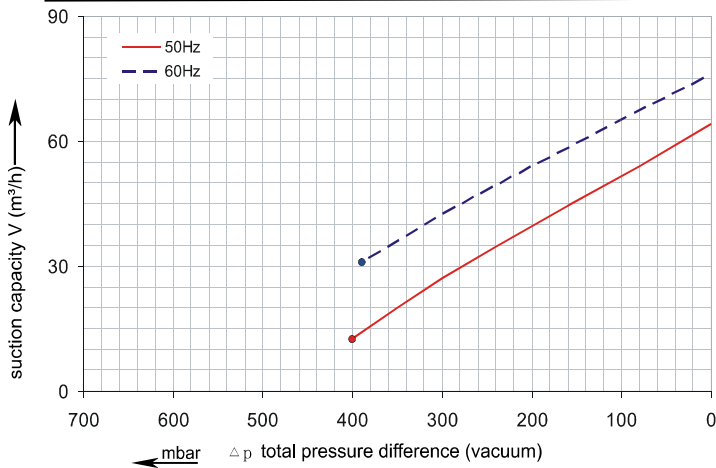


Type	Phases	A	B	B'	C	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W
EVSC-M12A3	3~	331	345	380	47	290	325	390	153	177	291	120	105	431	243	130	G1 1/4 (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32

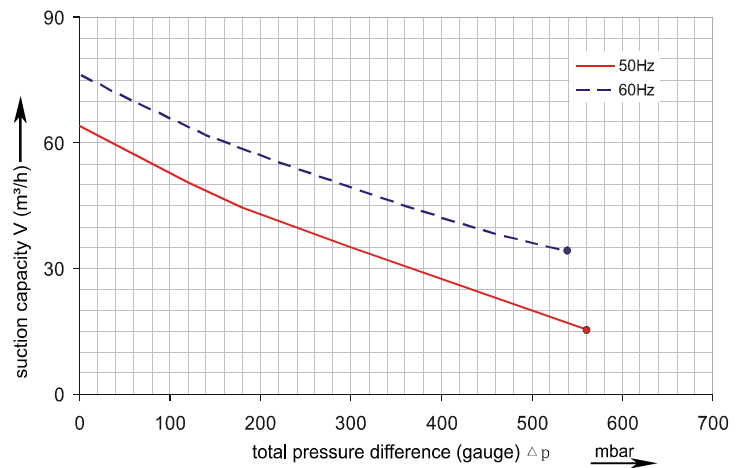
Multi stage side channel vacuum pump / compressor EVSC-M13A1



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M13A1

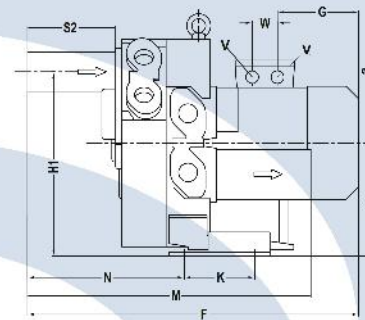
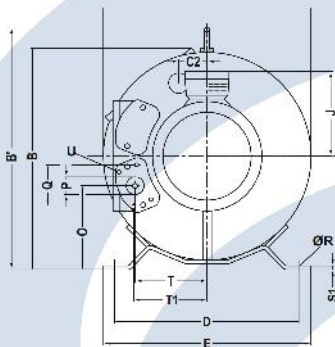
		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	65	76
Ultimate pressure	mbar	+550	+540
Ultimate vacuum	mbar	-400	-390
Input voltage	V	115/230	115/230
Input current	A	19,4/9,7	20,6/10,3
Noise level	dB(A)	59	63
Weight	kg	32	32
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M13A1

EVSC-M13A1	1ph AC	145113
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

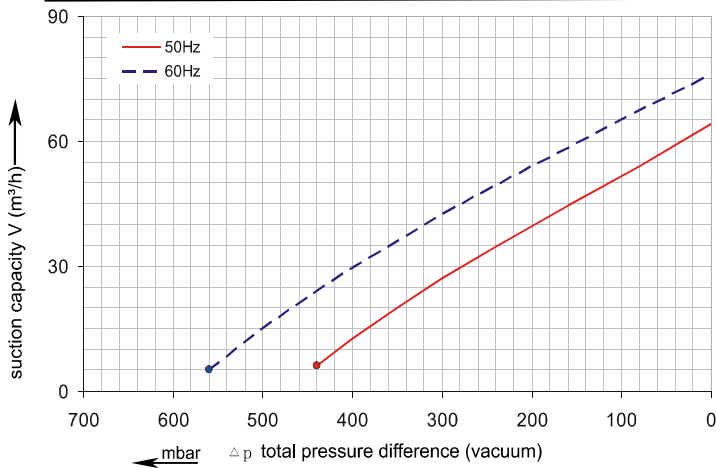


Type	Phases	A	B	B'	C	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W
EVSC-M13A1	1 ..	331	345	380	47	290	325	421	185	177	291	128	105	431	243	130	G1 1/4 (18 deep)	64	14	4	140	31	114	116	M6x17	M25x1.5	M16x1.5	32

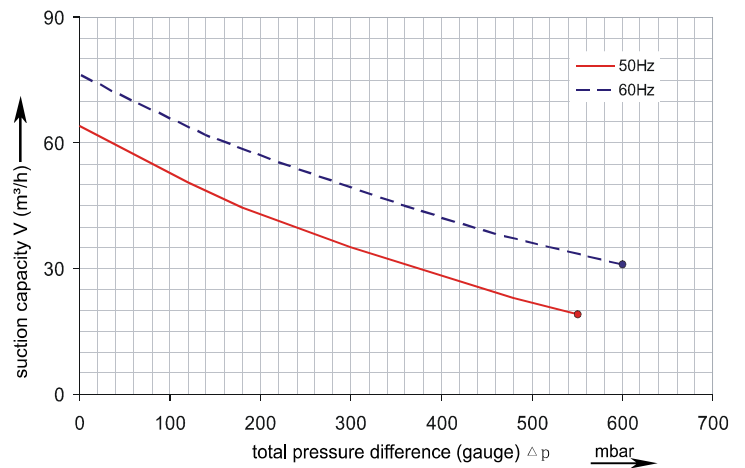
Multi stage side channel vacuum pump / compressor **EVSC-M13A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M13A3

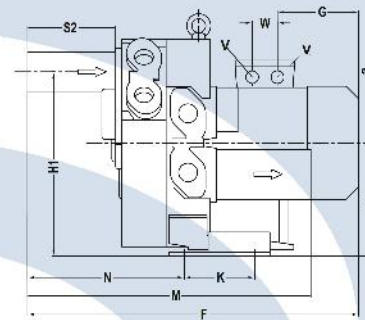
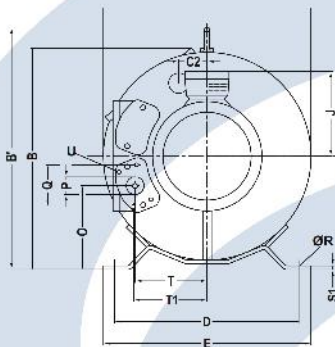
		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	65	76
Ultimate pressure	mbar	+540	+600
Ultimate vacuum	mbar	-440	-560
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	7,5	7,6
Input current Y	A	4,3	4,4
Noise level	dB(A)	59	63
Weight	kg	30	30
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M13A3

EVSC-M13A3	3ph AC	145313
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

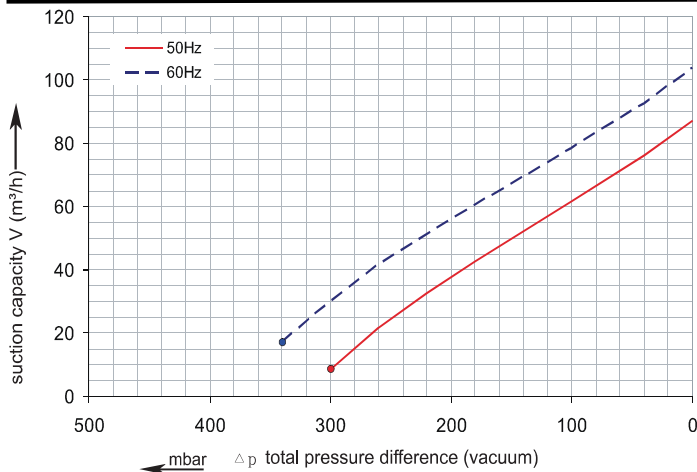


Type	Phases	A	B	B	C	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S	S	S	T	T	U	V	V	W
EVSC-M13A3	3 ~	331	345	380	47	290	325	421	185	177	291	128	105	431	243	130	G1 1/2 (8 deep)	64	14	4	140	31	114	116	M6x17	M25x1,5	M16x1,5	32

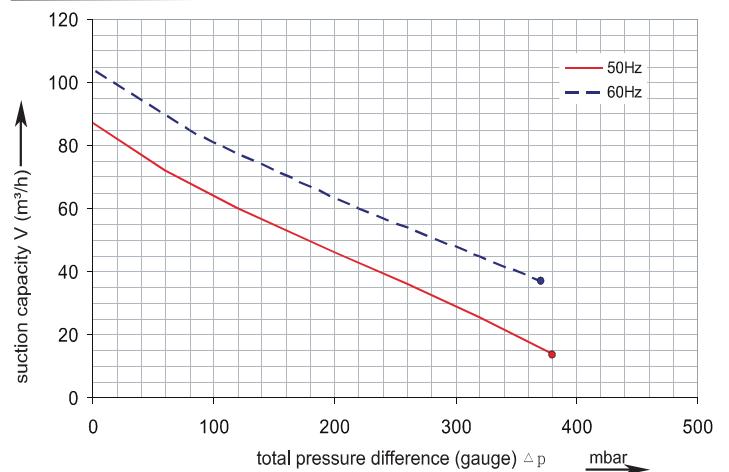
Multi stage side channel vacuum pump / compressor EVSC-M20A1



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M20A1

		50 Hz	60 Hz
Motor power	kW	1,1	1,3
Maximum airflow	m³/h	87	105
Ultimate pressure	mbar	+380	+390
Ultimate vacuum	mbar	-300	-350
Input voltage	V	200-240	200-240
Input current	A	10,1	10,3
Noise level	dB(A)	55	62
Weight	kg	23	23
Connection	inlet	G(BSP) 1¼"	1¼"
	outlet	G(BSP) 1¼"	1¼"

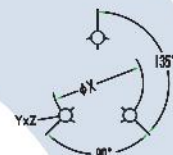
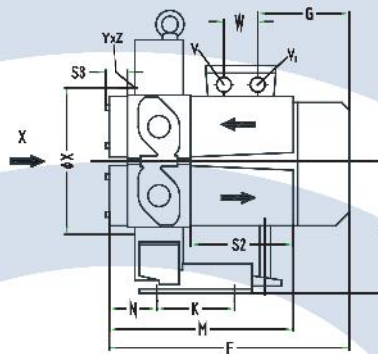
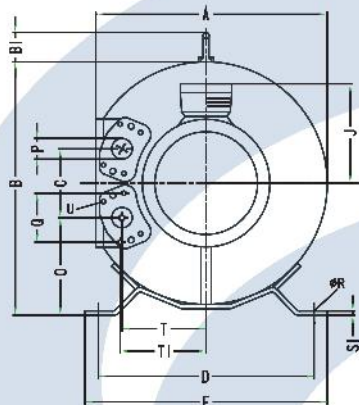
Ordering Information

TYPE EVSC-M20A1

EVSC-M20A1	50/60 Hz	145120
Other voltages/frequencies	Upon request	

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

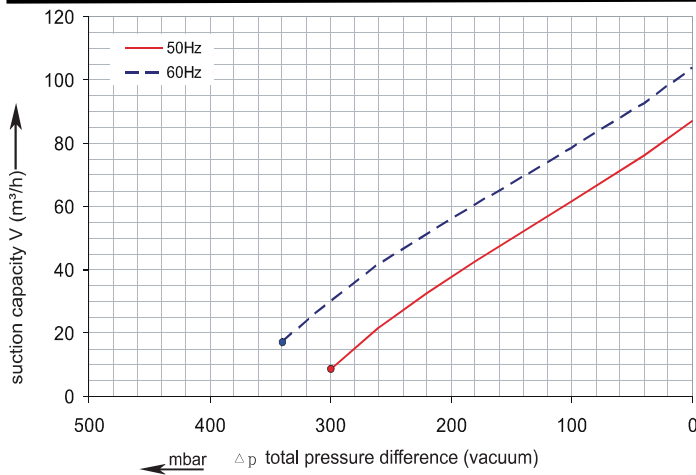


Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M20A3	3~	346	375	38	103	315	350	321	153	195	120	130	260	86	143	G1 1/2" (6 cosp)	64	14	4	140	31	125	127	M6x17	M25x1,5	M16x1,5	32	167	M6x15

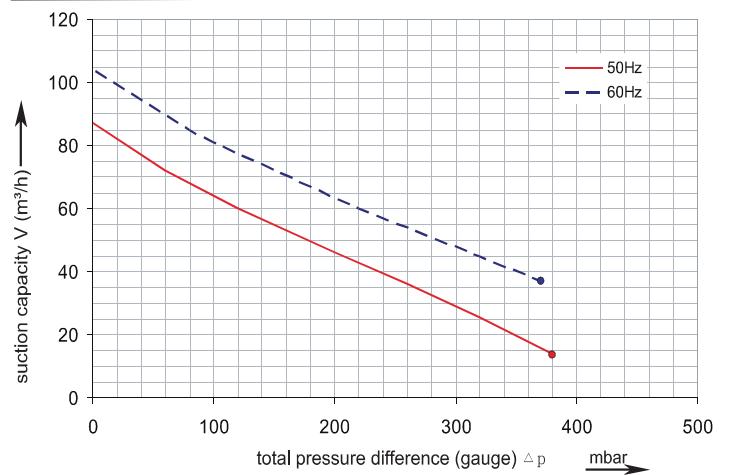
Multi stage side channel vacuum pump / compressor EVSC-M20A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M20A3

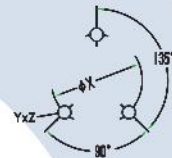
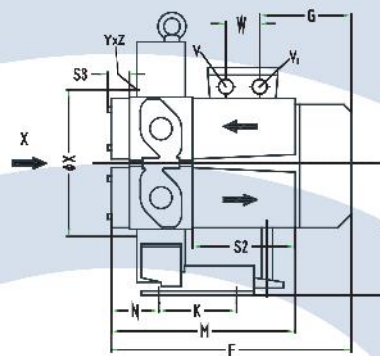
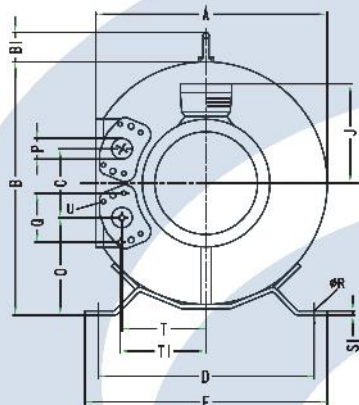
		50 Hz	60 Hz
Motor power	kW	1,1	1,3
Maximum airflow	m³/h	87	105
Ultimate pressure	mbar	+380	+370
Ultimate vacuum	mbar	-300	-340
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	5,4	5,4
Input current Y	A	3,1	3,1
Noise level	dB(A)	58	62
Weight	kg	23	23
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M20A3

EVSC-M20A3	3ph AC	145320
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

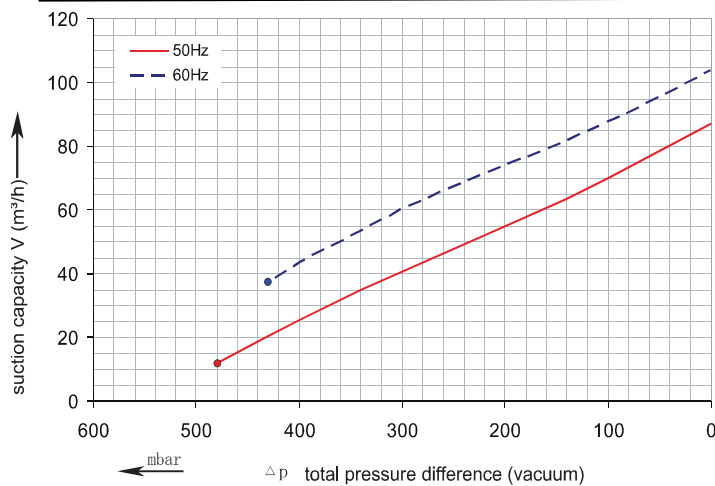


Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M20A3	3~	346	375	38	103	315	350	321	153	195	120	130	260	86	143	G1 1/4" (6 cosp)	64	14	4	140	31	125	127	M6x17	M25x1,5	M16x1,5	32	167	M6x15

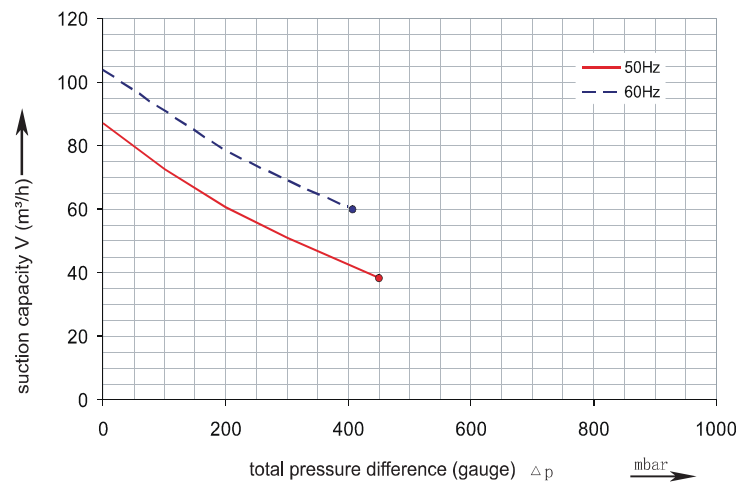
Multi stage side channel vacuum pump / compressor EVSC-M21A3



Performance curve for Vacuum pump



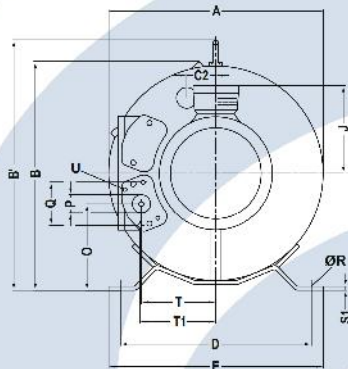
Performance curve for Compressor



Technical Data

TYPE EVSC-M21A3

		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	87	105
Ultimate pressure	mbar	+450	+410
Ultimate vacuum	mbar	-480	-430
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	7,5	7,6
Input current Y	A	4,3	4,4
Noise level	dB(A)	61	66
Weight	kg	33	33
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

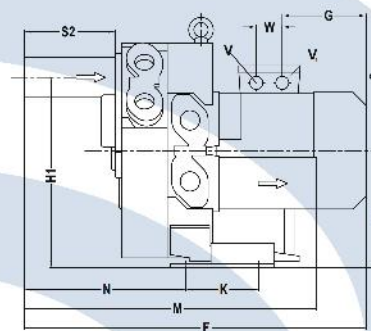


Ordering Information TYPE EVSC-M21A3

EVSC-M21A3	3ph AC	145321
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

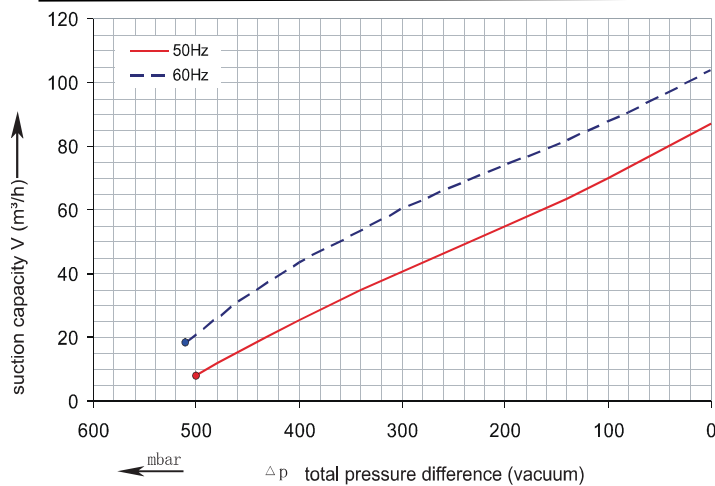


Type	Phases	A	B	B'	C ₂	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W
EVSC-M21A3	3~	363	377	414	52	315	350	529	180	195	319	128	130	436	243	143	G1 1/4 (18 deep)	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32

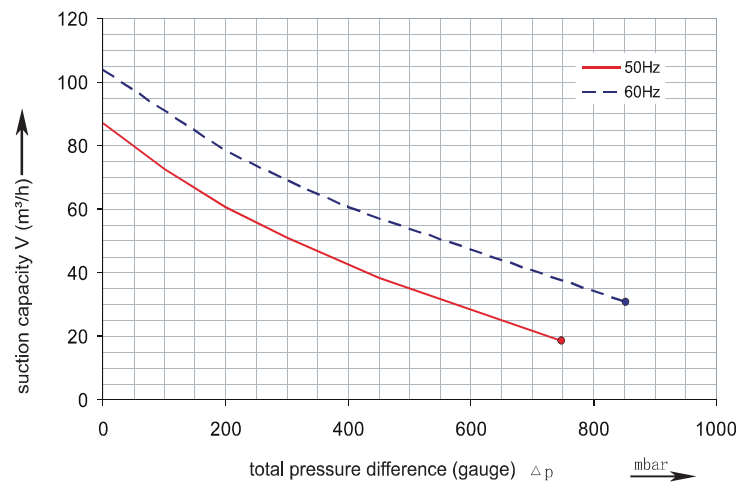
Multi stage side channel vacuum pump / compressor **EVSC-M22A3**



Performance curve for Vacuum pump



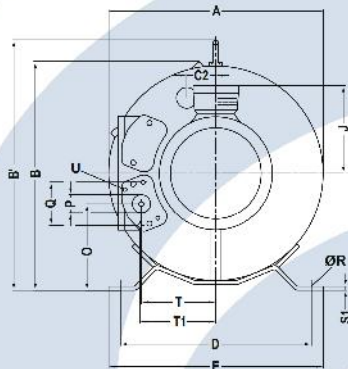
Performance curve for Compressor



Technical Data

TYPE EVSC-M22A3

		50 Hz	60 Hz
Motor power	kW	3,3	3,8
Maximum airflow	m³/h	87	105
Ultimate pressure	mbar	+750	+850
Ultimate vacuum	mbar	-500	-510
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	13,0	13,8
Input current Y	A	7,5	8,0
Noise level	dB(A)	61	66
Weight	kg	39	39
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

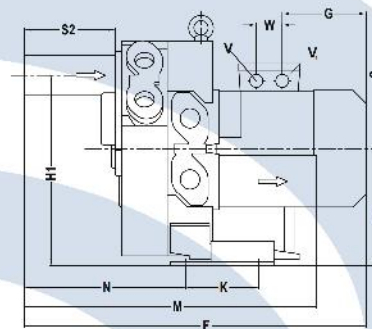


Ordering Information TYPE EVSC-M22A3

EVSC-M22A3	3ph AC	145322
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

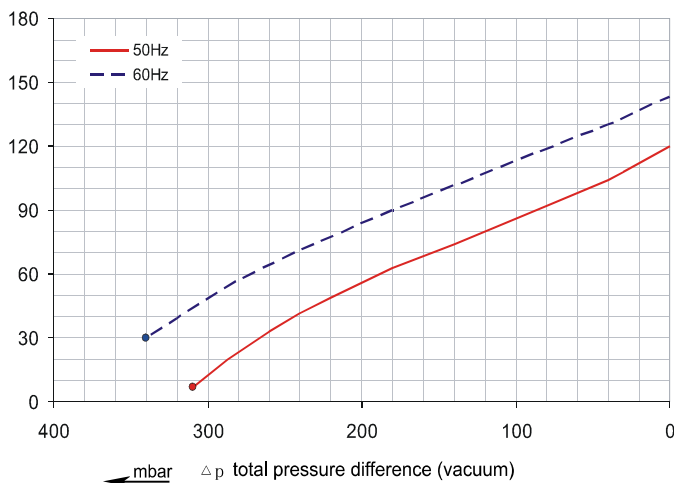


Type	Phases	A	B	B'	C ₂	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W
EVSC-M22A3	3~	363	377	414	52	315	350	554	211	195	319	128	130	436	243	143	G1 1/4 (18 deep)	64	14	4	140	31	125	127	M6x17	M25x1.5	M16x1.5	32

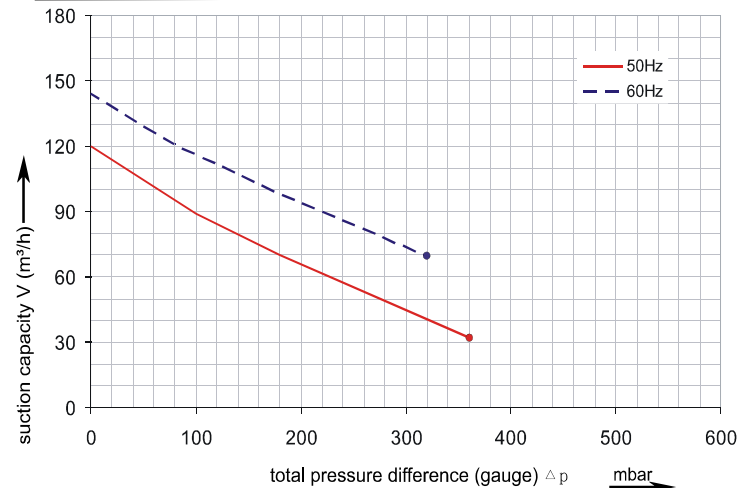
Multi stage side channel vacuum pump / compressor **EVSC-M30A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M30A3

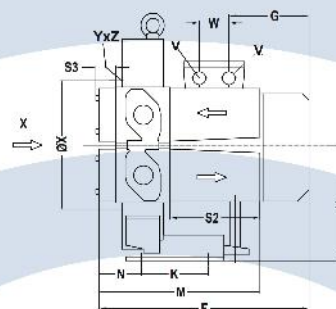
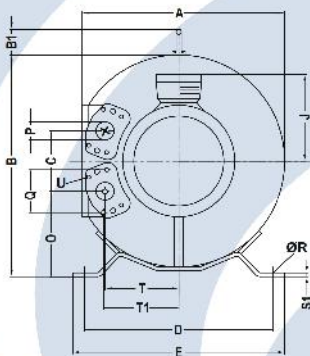
		50 Hz	60 Hz
Motor power	kW	1,5	1,75
Maximum airflow	m³/h	120	145
Ultimate pressure	mbar	+360	+320
Ultimate vacuum	mbar	-310	-340
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	7,5	7,6
Input current Y	A	4,3	4,4
Noise level	dB(A)	64	68
Weight	kg	26	26
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M30A3

EVSC-M30A3	3ph AC 145330
Other voltages/frequencies	Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

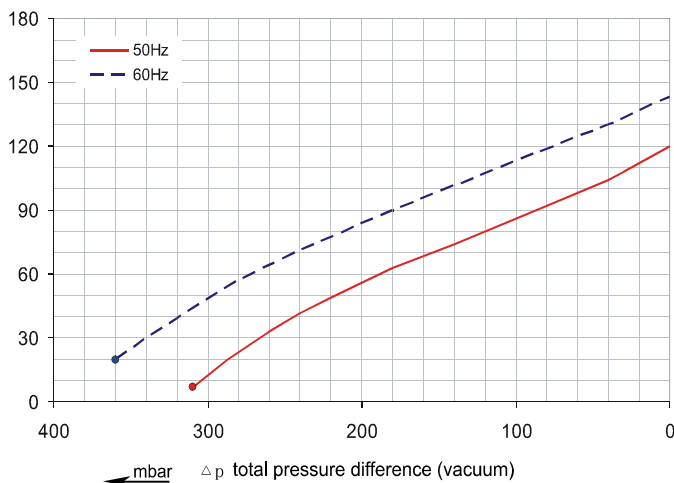


Type	Phases	A	B	Bi	C	D	E	F	G	H	J	K	M	N	O	P	Q	QR	S	S1	S2	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M30A3	3 ~	368	395	39	114	328	363	361	185	205	128	152	265	68	148	G1 1/2 (18 deep)	64	14	5	140	31	137	138	M6x17	M25x1,5	M16x1,5	32	192	M8x15

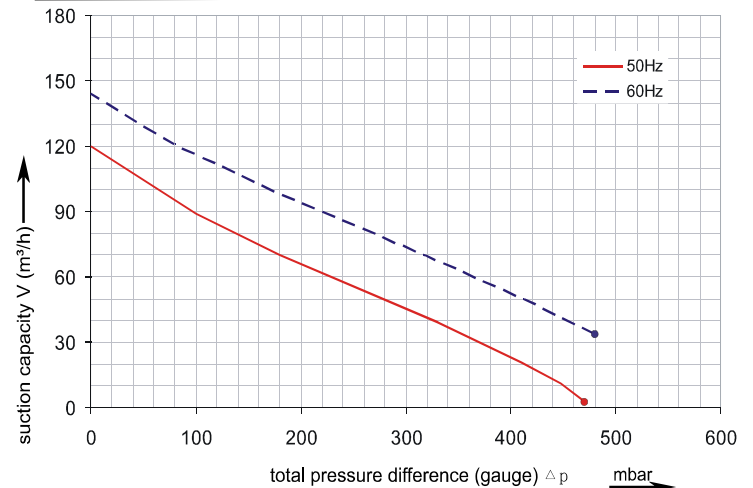
Multi stage side channel vacuum pump / compressor EVSC-M31A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M31A3

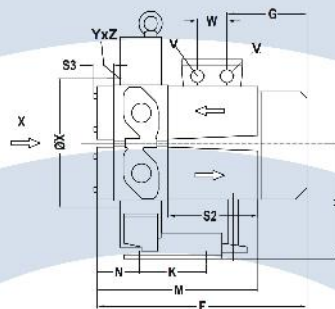
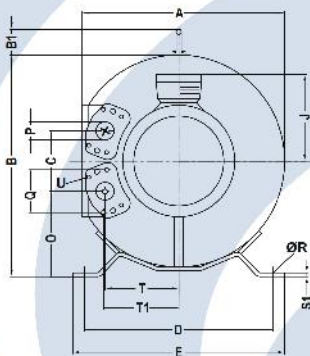
		50 Hz	60 Hz
Motor power	kW	2,2	2,55
Maximum airflow	m³/h	120	145
Ultimate pressure	mbar	+470	+480
Ultimate vacuum	mbar	-310	-360
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	11,4	11,2
Input current Y	A	6,6	6,5
Noise level	dB(A)	64	68
Weight	kg	29	29
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M31A3

EVSC-M31A3	3ph AC	145331
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

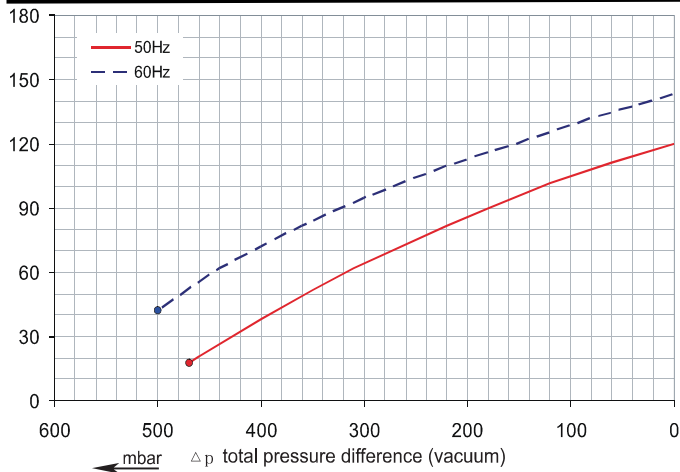


Type	Phases	A	B	B	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V ₁	W	ØX	YxZ
EVSC-M31A3	3 ~	369	395	39	114	328	363	361	185	205	128	152	265	68	149	G1,x(18 deep)	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	32	192	M8x15

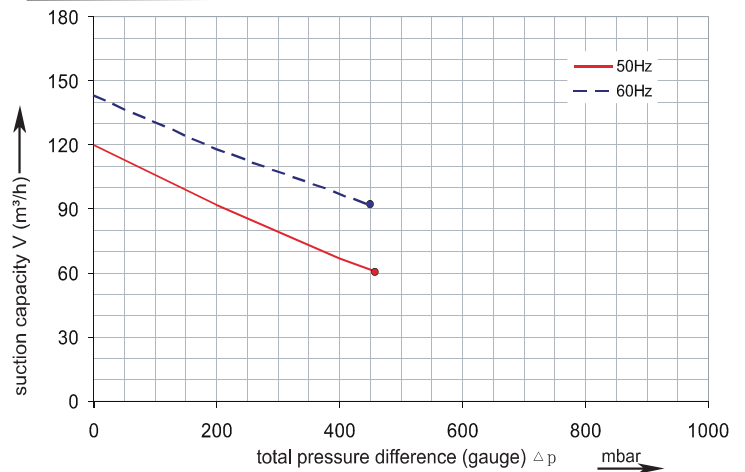
Multi stage side channel vacuum pump / compressor **EVSC-M32A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M32A3

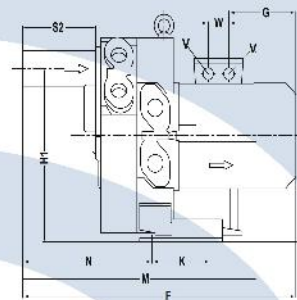
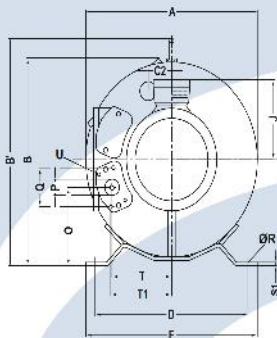
		50 Hz	60 Hz
Motor power	kW	2,2	2,55
Maximum airflow	m³/h	120	145
Ultimate pressure	mbar	+460	+450
Ultimate vacuum	mbar	-470	-500
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	11,4	11,2
Input current Y	A	6,6	6,5
Noise level	dB(A)	64	70
Weight	kg	40	40
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M32A3

EVSC-M32A3	3ph AC	145332
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

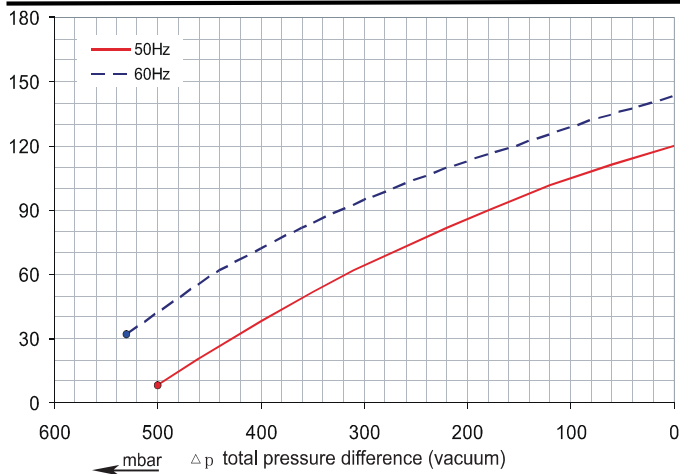


Type	Phases	A	B	B'	C ₂	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V _h	W
EVSC-M32A3	3~	387	402	435	57	328	363	549	185	206	343	128	152	453	256	148	G1 1/4 (18 deep)	64	14	5	140	31	137	138	M6x17	M25x1.5	M16x1.5	42

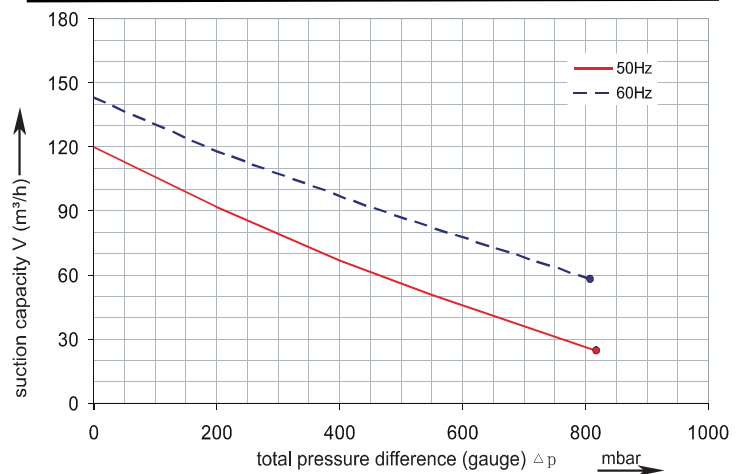
Multi stage side channel vacuum pump / compressor **EVSC-M33A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M33A3

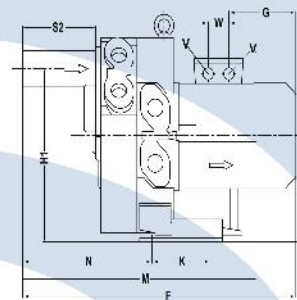
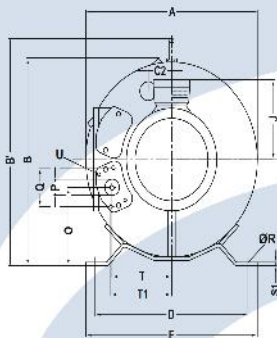
		50 Hz	60 Hz
Motor power	kW	4,0	4,6
Maximum airflow	m³/h	120	145
Ultimate pressure	mbar	+470	+480
Ultimate vacuum	mbar	-310	-360
Input voltage 3 phase Δ	V	345-415	380-480
Input voltage 3 phase Y	V	n/a	n/a
Input current Δ	A	9,0	9,5
Input current Y	A	n/a	n/a
Noise level	dB(A)	65	71
Weight	kg	51	51
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M33A3

EVSC-M33A3	3ph AC	145333
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

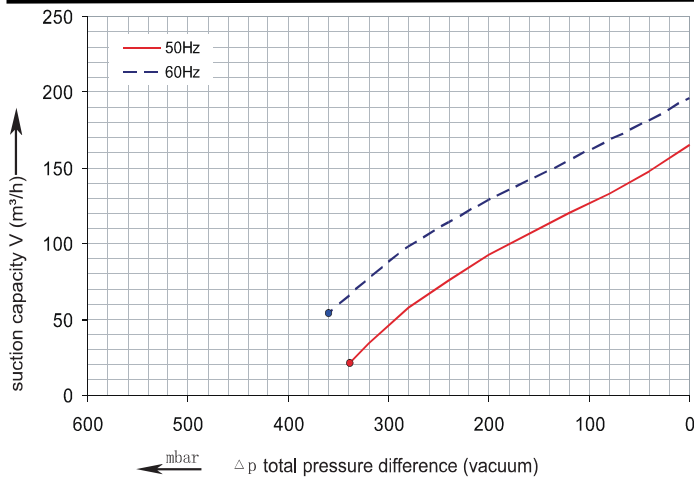


Type	Phases	A	B	B'	C ₂	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S ₁	S ₂	S ₃	T	T ₁	U	V	V _h	W
EVSC-M33A3	3~	387	402	435	57	328	363	603	185	206	343	128	152	453	256	148	G1 1/4 (18 deep)	64	14	5	140	31	137	138	M6x17	2xM32x1.5	M16x1.5	32

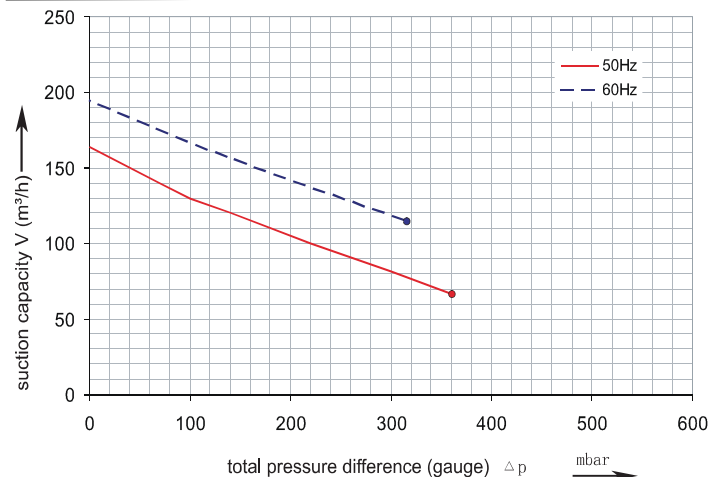
Multi stage side channel vacuum pump / compressor EVSC-M40A3



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M40A3

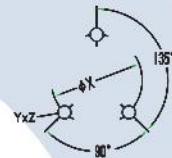
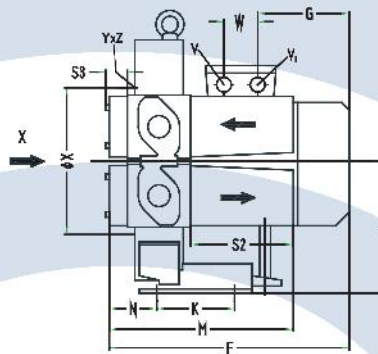
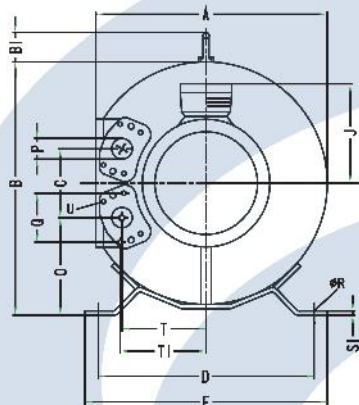
		50 Hz	60 Hz
Motor power	kW	2,2	2,55
Maximum airflow	m³/h	165	195
Ultimate pressure	mbar	+360	+315
Ultimate vacuum	mbar	-340	-360
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	11,4	11,2
Input current Y	A	6,6	6,5
Noise level	dB(A)	65	71
Weight	kg	32	32
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M40A3

EVSC-M40A3	3ph AC	145340
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

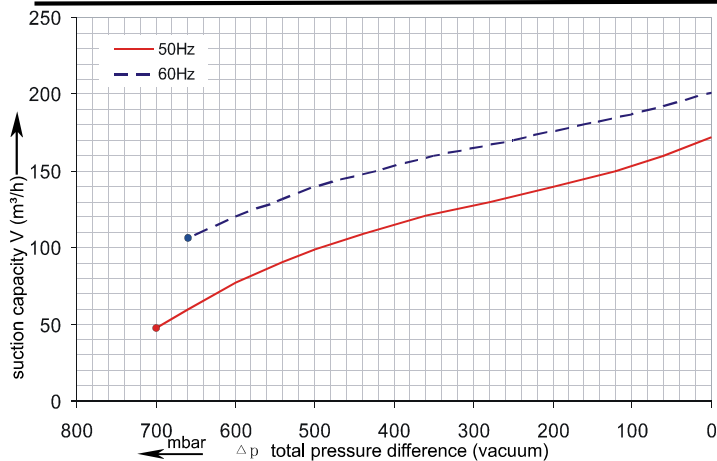


Type	Phases																												
		A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	R	S1	S2	S3	T	T1	U	V	V1	W	ØX	YxZ
EVSC-M40A3	3~	418	455	39	127	37"	406	364	155	235	128	152	271	72	172	G1/2" (18 dco)	64	14	6	140	31	153	155	M8x17	M25x1.5	M16x1.5	32	228	M6x15

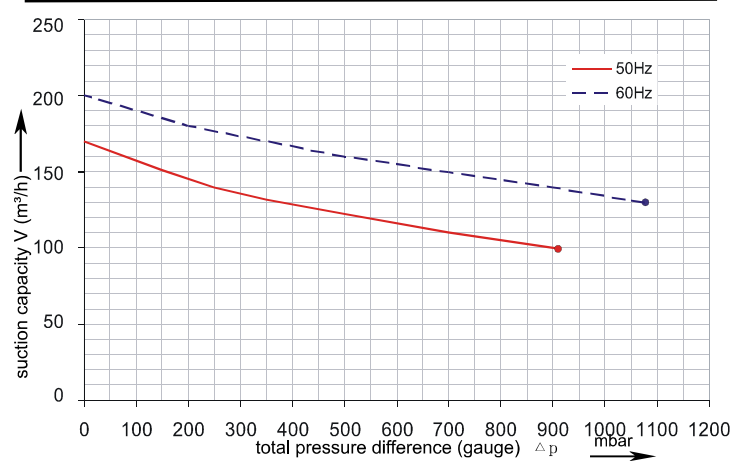
Multi stage side channel vacuum pump / compressor

EVSC-M41A3

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M41A3

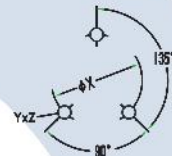
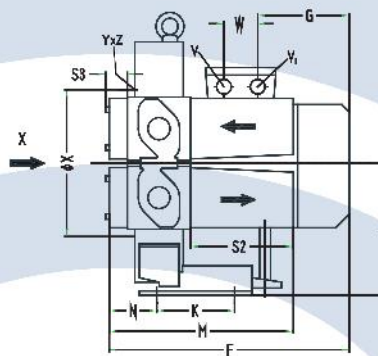
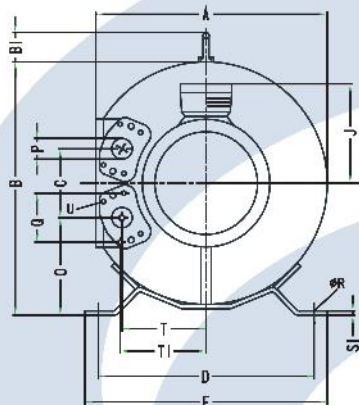
		50 Hz	60 Hz
Motor power	kW	3,3	3,8
Maximum airflow	m³/h	165	195
Ultimate pressure	mbar	+480	+530
Ultimate vacuum	mbar	-340	-380
Input voltage 3 phase Δ	V	345-415	345-415
Input voltage 3 phase Y	V	380-480	380-480
Input current Δ	A	13,0	14,2
Input current Y	A	7,5	8,2
Noise level	dB(A)	65	71
Weight	kg	35	35
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M41A3

EVSC-M41A3	3ph AC	145341
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

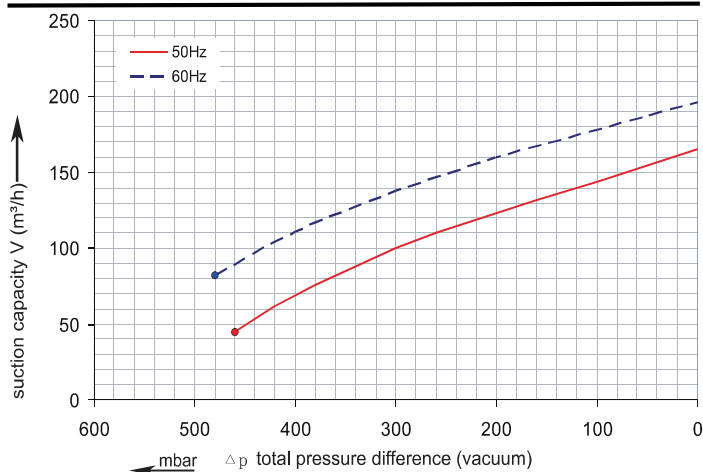


Type	Phases	A	B	B1	C	D	E	F	G	H	J	K	M	N	O	P	Q	ØR	S1	S2	S3	T	T1	U	V	V1	W	ØX	Yz
EVSC-M41A3	3~	418	455	39	127	37"	406	390	211	235	128	152	271	72	172	G1 1/2 (18 dco)	64	14	5	140	31	153	155	M8x17	M25x1,5	M16x1,5	32	228	M6x15

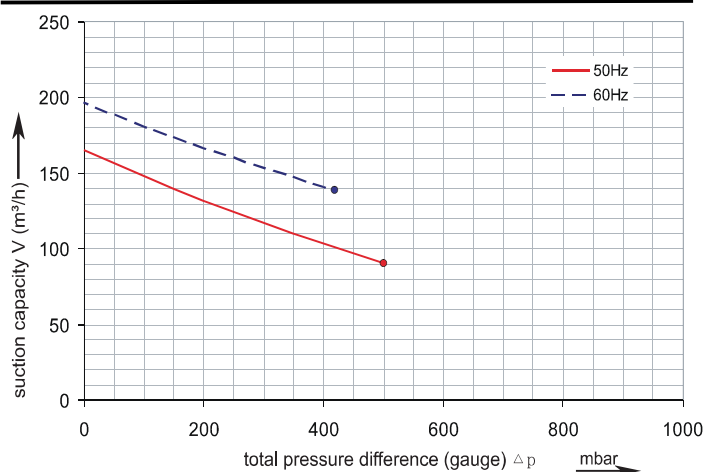


Multi stage side channel vacuum pump / compressor **EVSC-M42A3**

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M42A3

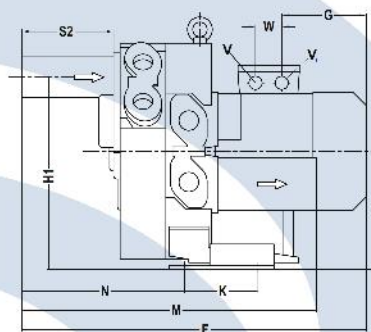
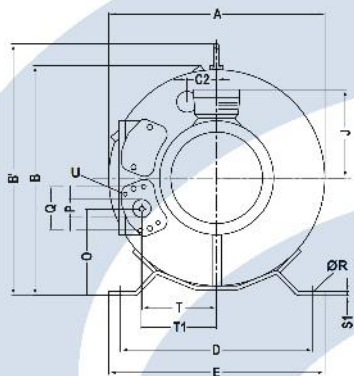
		50 Hz	60 Hz
Motor power	kW	3,3	3,8
Maximum airflow	m³/h	165	195
Ultimate pressure	mbar	+500	+420
Ultimate vacuum	mbar	-460	-480
Input voltage 3 phase Δ	V	200-240	220-275
Input voltage 3 phase Y	V	345-415	380-480
Input current Δ	A	13,0	14,2
Input current Y	A	7,5	8,2
Noise level	dB(A)	67	71
Weight	kg	48	48
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M42A3

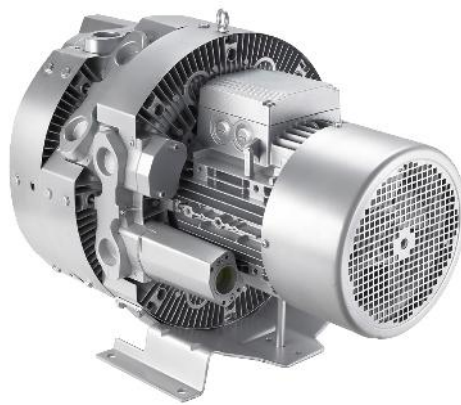
EVSC-M42A3	3ph AC	145342
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

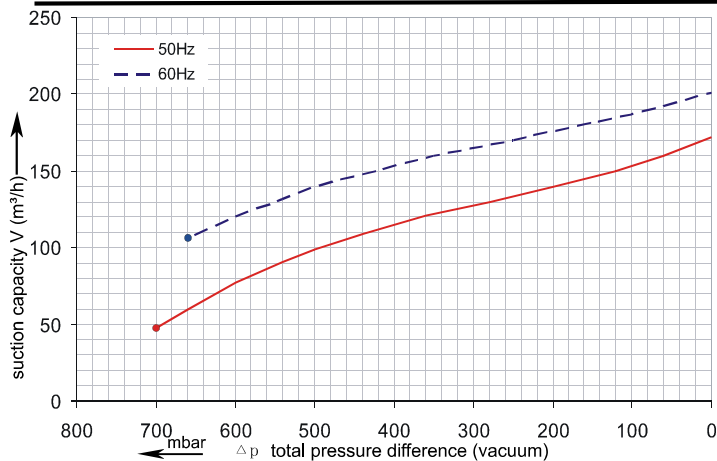


Type	Phases	A	B	B'	C2	D	E	F	G	H	H	J	K	M	N	O	P	Q	ØR	S1	S2	S2	T	T1	U	V	V	W
EVSC-M42A3	3~	442	457	495	63	372	406	578	211	236	389	128	152	458	259	173	G1 1/2 (18 deep)	64	14	5	140	31	153	155	M6x17	M25x1.5	M16x1.5	42

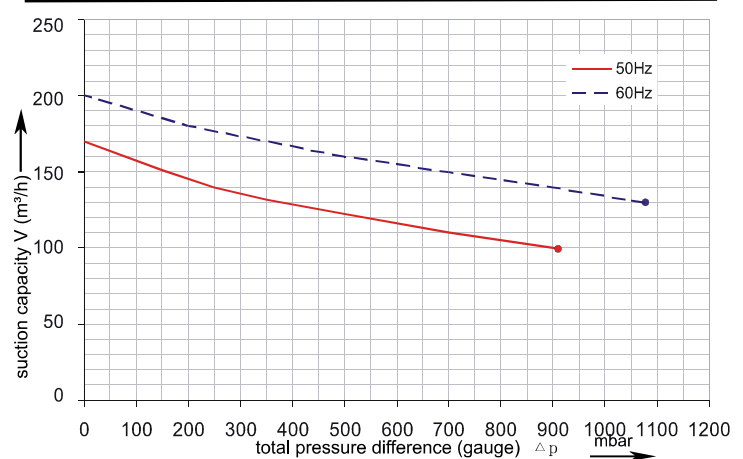


Multi stage side channel vacuum pump / compressor **EVSC-M43A3**

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M44A3

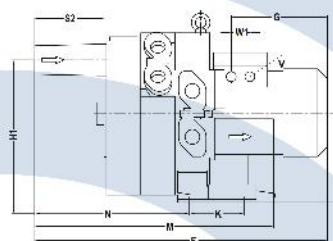
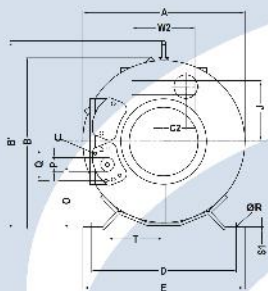
		50 Hz	60 Hz
Motor power	kW	7,5	8,6
Maximum airflow	m³/h	170	200
Ultimate pressure	mbar	+910	+1080
Ultimate vacuum	mbar	-700	-660
Input voltage 3 phase Δ	V	345-415	380-480
Input voltage 3 phase Y	V	n/a	n/a
Input current Δ	A	16,0	16,0
Input current Y	A	n/a	n/a
Noise level	dB(A)	72	76
Weight	kg	86	6
Connection	inlet	G(BSP) 1 1/4"	1 1/4"
	outlet	G(BSP) 1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M44A3

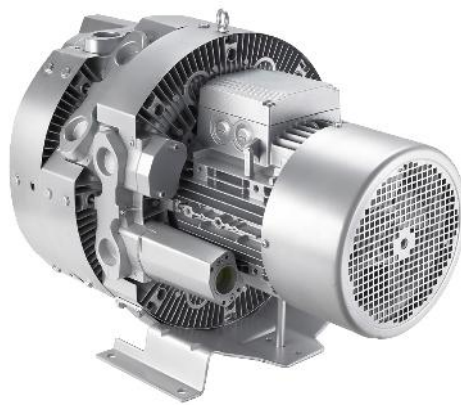
EVSC-M44A3	3ph AC	145344
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010

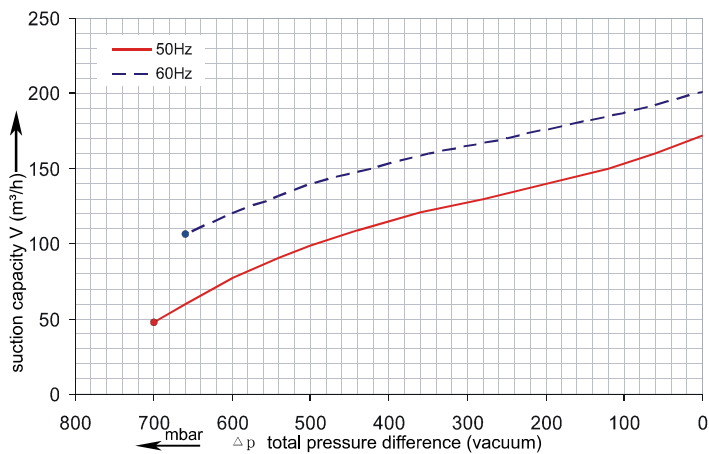


Type	A	B	B'	C	D	E	F	G	H	H	K	M	N	O	P	Q	ØR	S1	S2	T	U	V	W	W
EVSC-M44A3	442	402	492	63	371	406	717	274	236	389	152	539	336	172	G1 1/4 (15 deep)	64	14	5	146	153	M6x17	M32x1.5	42	120

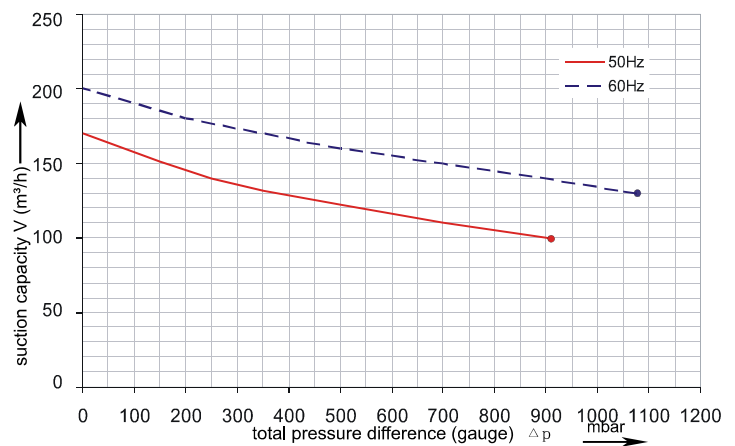


Multi stage side channel vacuum pump / compressor **EVSC-M44A3**

Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-M44A3

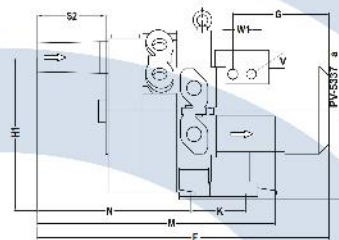
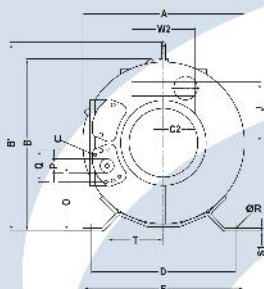
		50 Hz	60 Hz
Motor power	kW	7,5	8,6
Maximum airflow	m³/h	170	200
Ultimate pressure	mbar	+910	+1080
Ultimate vacuum	mbar	-700	-660
Input voltage 3 phase Δ	V	345-415	380-480
Input voltage 3 phase Y	V	n/a	n/a
Input current Δ	A	16,0	16,0
Input current Y	A	n/a	n/a
Noise level	dB(A)	72	76
Weight	kg	86	86
Connection inlet	G(BSP)	1 1/4"	1 1/4"
Connection outlet	G(BSP)	1 1/4"	1 1/4"

Ordering Information TYPE EVSC-M44A3

EVSC-M44A3	50/60 Hz	145344
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	20800
Compressor suction filter	140024
Set of feet for horizontal positioning	140010



Type	A	B	B'	C	D	E	F	G	H	H'	K	M	N	O	P	Q	ØR	S	S'	T	U	V	W	W'
EVSC-M44A3	442	402	492	63	371	406	717	274	236	389	152	539	336	172	G1 1/2 (75 dec)	64	14	5	146	153	M6x17	M32x1,5	42	120

Pressure relief / vacuum relief valves (plastic)

Order number	Fitting	Capacity
140001	G 1 1/4"	0-300 mbar
140002	G 1 1/4"	300-600 mbar



Pressure regulator valves (metal)

Order number	Fitting	Capacity
20750	G 3/4"	0-800 mbar
25750	G 1"	0-800 mbar
32750	G 1 1/4"	0-800 mbar



Vacuum regulator valves (metal)

Order number	Fitting	Capacity
20760	G 3/4"	0-800 mbar
25760	G 1"	0-800 mbar
32760	G 1 1/4"	0-800 mbar

Preset value service

Eurovacuum offers the service of calibrating these valves to a preset vacuum or pressure relief level.