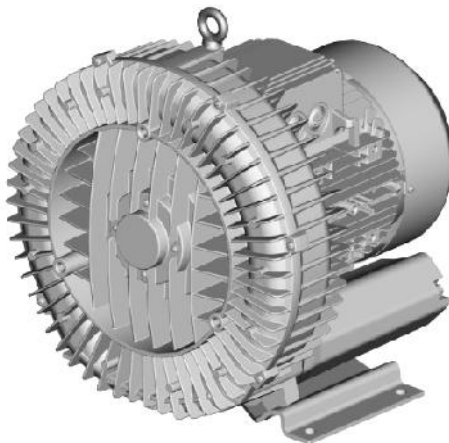
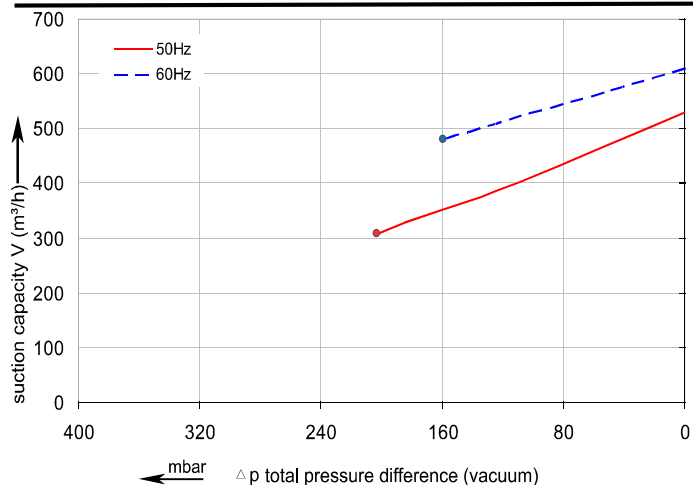




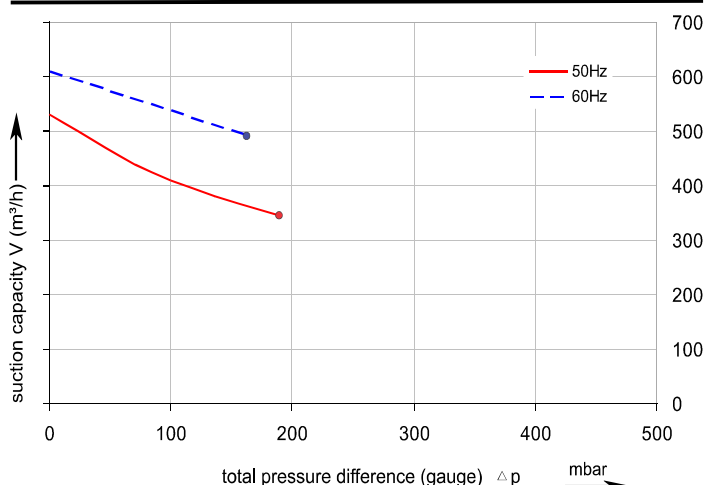
Single stage side channel vacuum pump / compressor **EVSC-S80B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S80B3

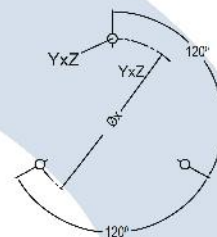
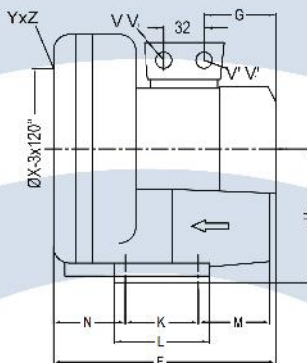
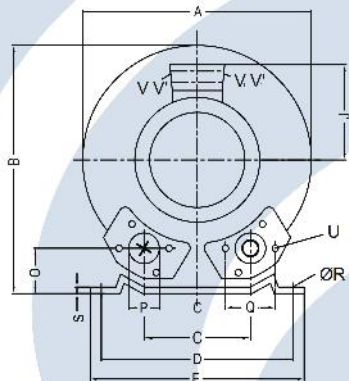
		50 Hz	60 Hz
Motor power	kW	4,0	4,6
Maximum airflow	m³/h	530	620
Ultimate pressure	mbar	+190	+160
Ultimate vacuum	mbar	-200	-160
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	8,4	8,2
Input current Y	A	4,8	4,7
Noise level	dB(A)	70	74
Weight	kg	112	112
Connection	inlet	G(BSP) 2½"	2½"
	outlet	G(BSP) 2½"	2½"

Ordering Information TYPE EVSC-S80B3

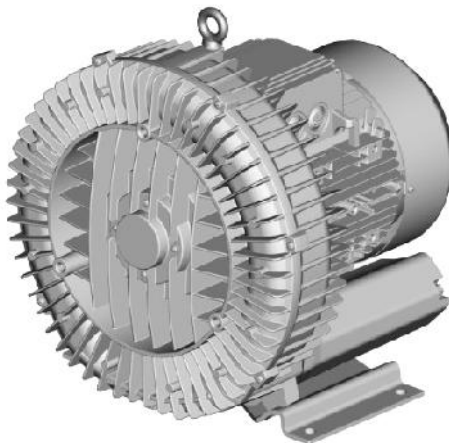
EVSC-S80B3	3ph AC 141380
Other voltages/frequencies	Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012



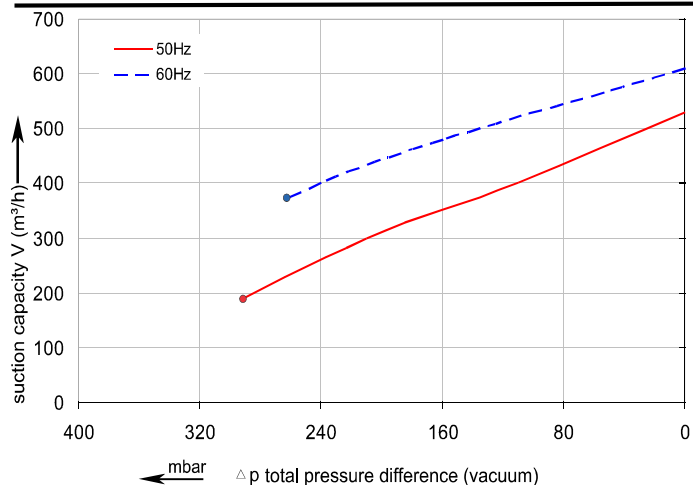
Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V''	V'''	YxZ	X-Holes	ØX
EVSC-S80B3	3~	451	461	152	356	394	490	249	240	148	170	217	140	124	65	G2½"	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286



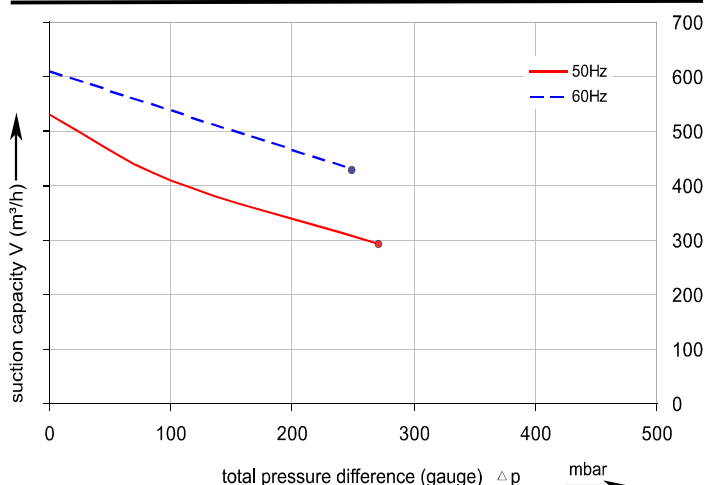
Single stage side channel vacuum pump / compressor **EVSC-S81B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S81B3

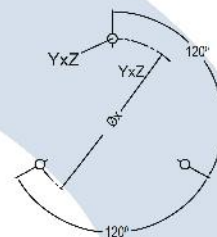
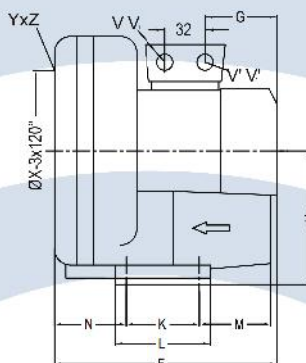
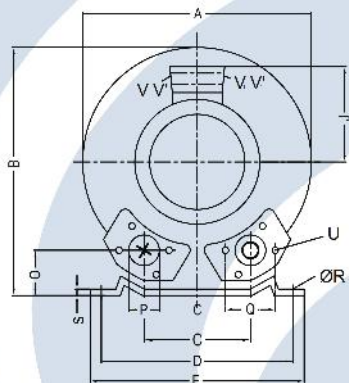
		50 Hz	60 Hz
Motor power	kW	5,5	6,3
Maximum airflow	m³/h	530	620
Ultimate pressure	mbar	+280	+250
Ultimate vacuum	mbar	-300	-260
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	11,1	11,0
Input current Y	A	6,4	6,4
Noise level	dB(A)	70	74
Weight	kg	126	126
Connection inlet	G(BSP)	2½"	2½"
Connection outlet	G(BSP)	2½"	2½"

Ordering Information TYPE EVSC-S81B3

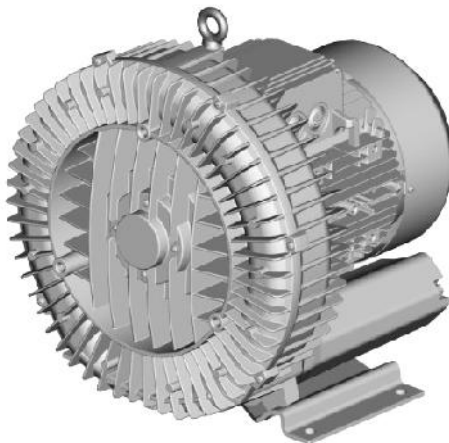
EVSC-S80B3	3ph AC	141381
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012



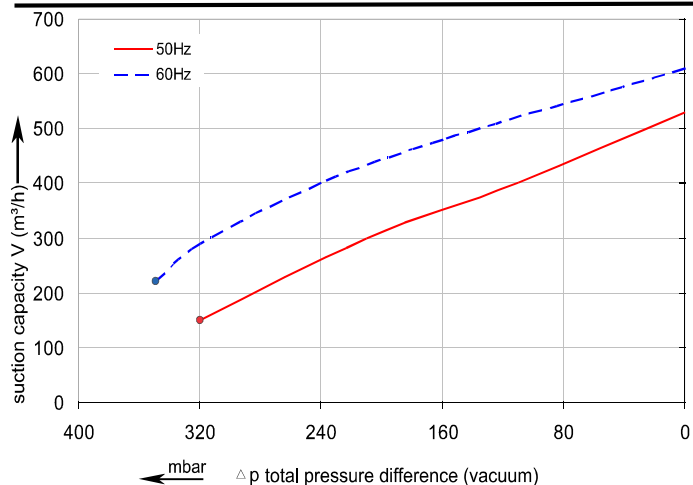
Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V	V1	V1	YxZ	X-Holes	ØX
EVSC-S81B3	3~	451	461	152	356	394	477	226	240	167	170	217	140	124	65	G2½"	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286



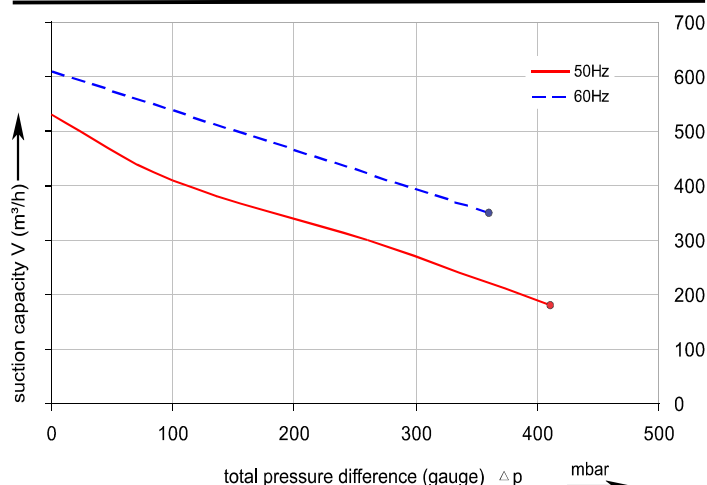
Single stage side channel vacuum pump / compressor **EVSC-S82B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S82B3

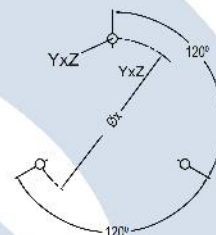
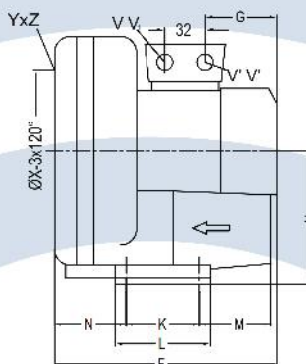
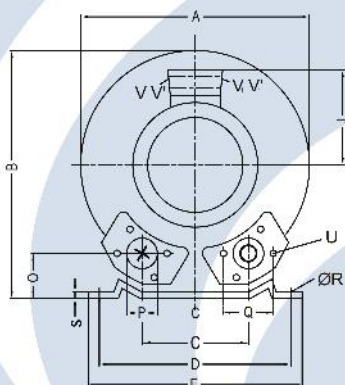
		50 Hz	60 Hz
Motor power	kW	7,5	8,6
Maximum airflow	m³/h	530	620
Ultimate pressure	mbar	+410	+360
Ultimate vacuum	mbar	-320	-350
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	15,0	15,1
Input current Y	A	8,7	8,8
Noise level	dB(A)	70	74
Weight	kg	128	128
Connection inlet	G(BSP)	2½"	2½"
Connection outlet	G(BSP)	2½"	2½"

Ordering Information TYPE EVSC-S82B3

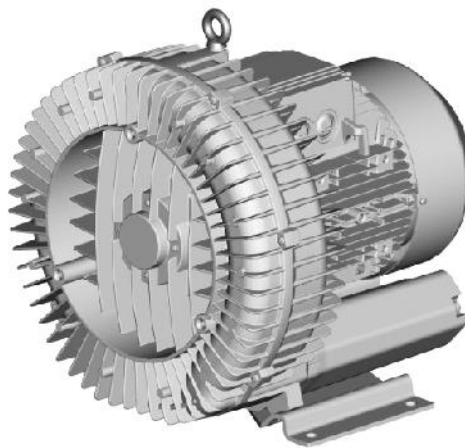
EVSC-S82B3	3ph AC	141382
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012



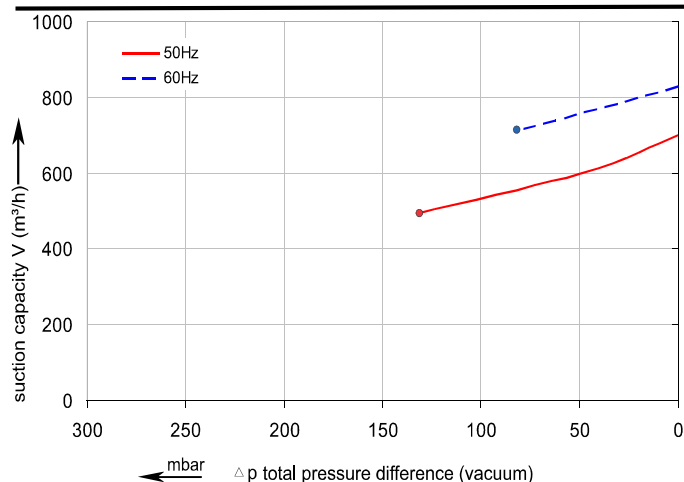
Type	Phases																									X-Holes			ØX
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V ₁	V ₁	V ₁	YxZ			
EVSC-S82B3	3~	451	461	152	356	394	513	262	240	167	170	217	140	124	65	G2½"	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°		286	



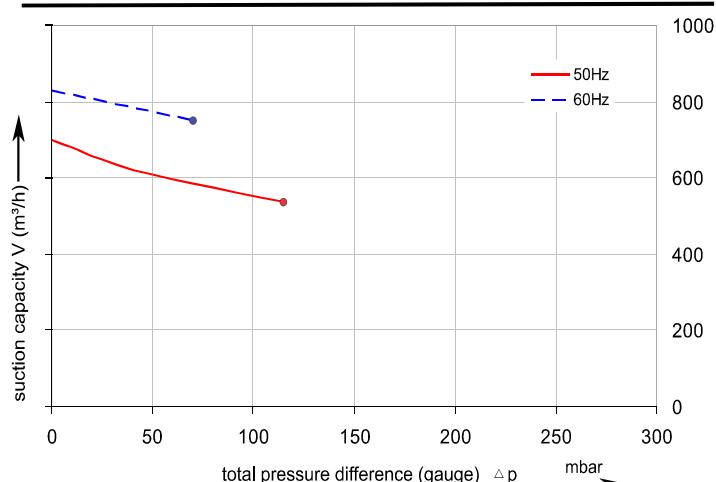
Single stage side channel vacuum pump / compressor **EVSC-S83B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S83B3

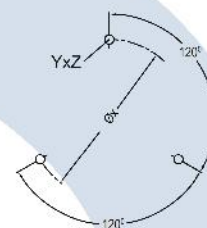
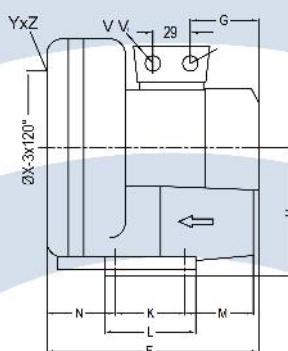
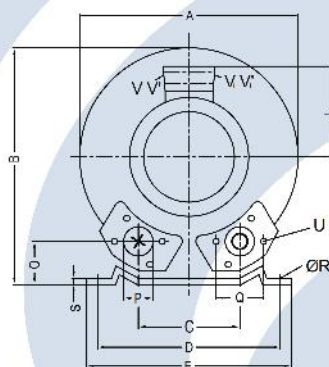
		50 Hz	60 Hz
Motor power	kW	4,0	4,6
Maximum airflow	m³/h	700	840
Ultimate pressure	mbar	+120	+70
Ultimate vacuum	mbar	-130	-80
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	8,4	8,2
Input current Y	A	4,8	4,7
Noise level	dB(A)	70	74
Weight	kg	112	112
Connection inlet	G(BSP)	2½"	2½"
Connection outlet	G(BSP)	2½"	2½"

Ordering Information TYPE EVSC-S83B3

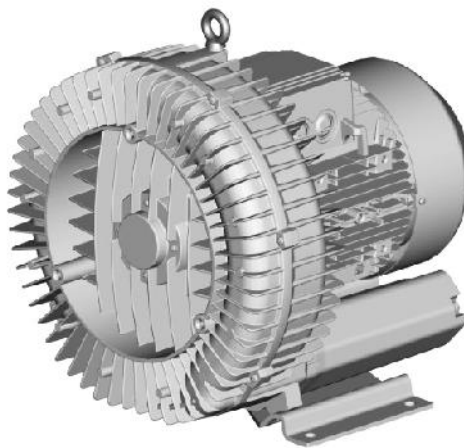
EVSC-S83B3	3ph AC	141383
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012



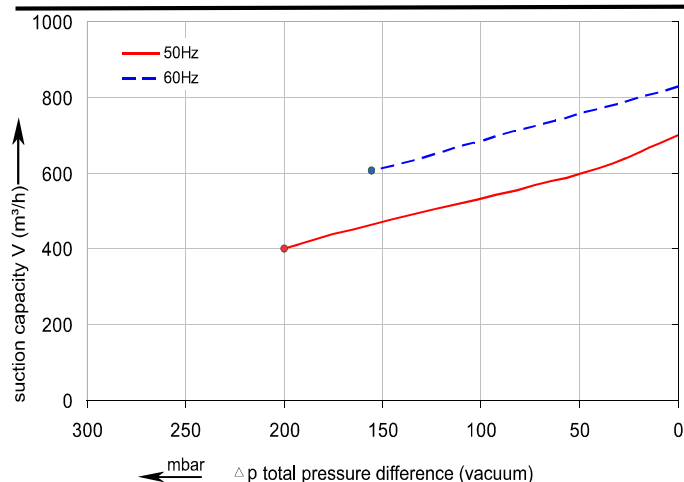
Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V	V1	V1	YxZ	X-Holes	ØX
EVSC-S83B3	3~	451	461	152	356	394	506	249	240	148	170	217	140	139	65	G2½"	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286



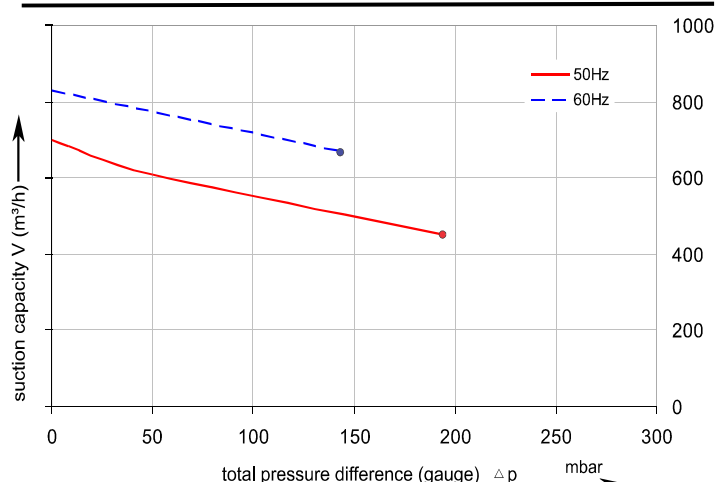
Single stage side channel vacuum pump / compressor **EVSC-S84B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S84B3

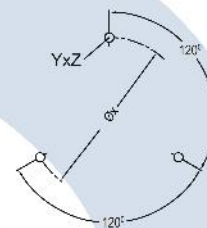
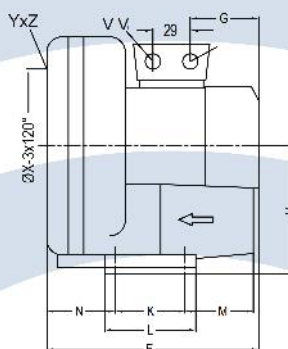
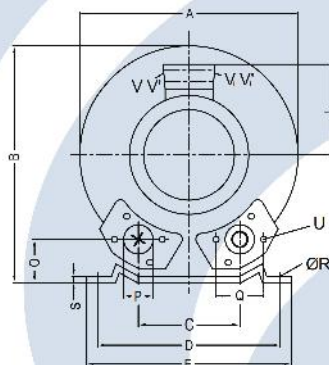
		50 Hz	60 Hz
Motor power	kW	5,5	6,3
Maximum airflow	m³/h	700	840
Ultimate pressure	mbar	+190	+140
Ultimate vacuum	mbar	-200	-160
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	11,1	11,0
Input current Y	A	6,4	6,4
Noise level	dB(A)	70	74
Weight	kg	66	66
Connection inlet	G(BSP)	2½"	2½"
Connection outlet	G(BSP)	2½"	2½"

Ordering Information TYPE EVSC-S84B3

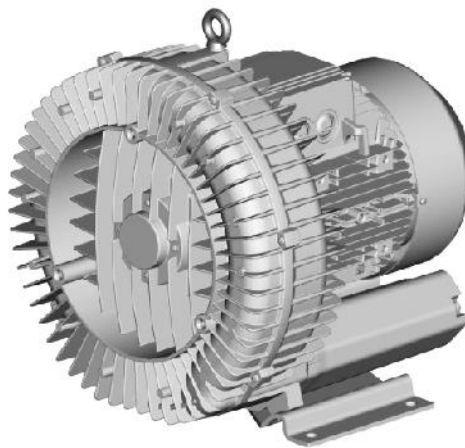
EVSC-S84B3	3ph AC	141383
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012



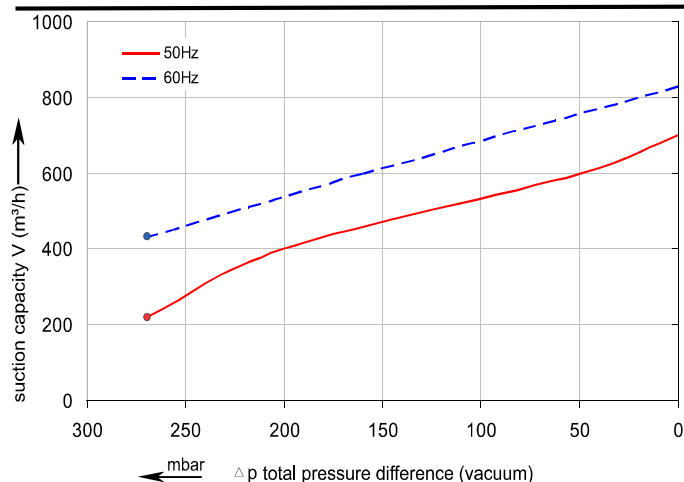
Type	Phases																														X-Holes		ØX
		A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V	V ₁	V ₁	YxZ								
EVSC-S84B3	3~	451	461	152	356	394	493	226	240	167	170	217	140	139	65	G2½"	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	0°/120°/240°	286						



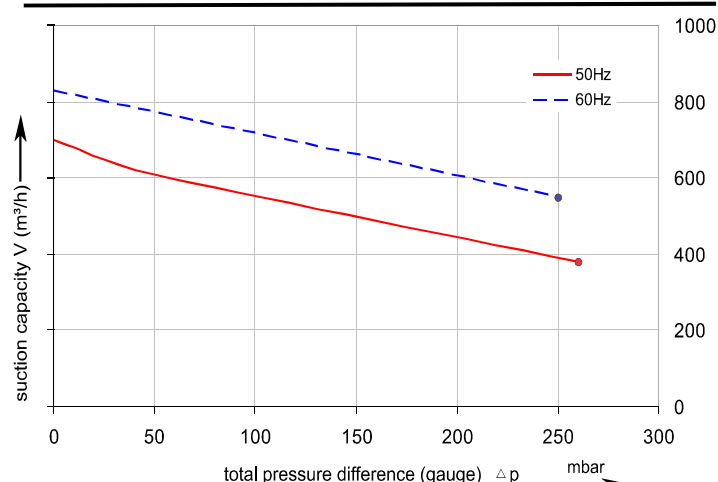
Single stage side channel vacuum pump / compressor **EVSC-S85B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S85B3

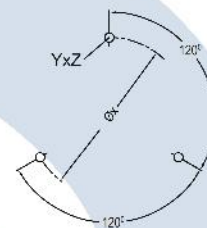
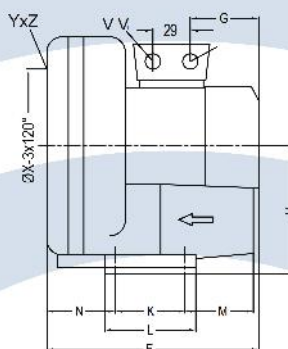
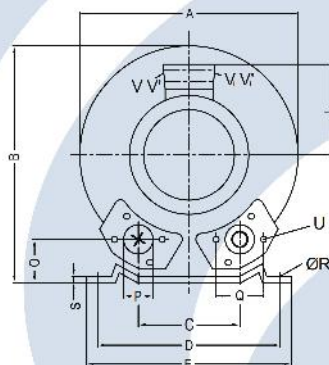
		50 Hz	60 Hz
Motor power	kW	7,5	8,6
Maximum airflow	m³/h	700	840
Ultimate pressure	mbar	+260	+250
Ultimate vacuum	mbar	-270	-270
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	15,1	15,3
Input current Y	A	8,7	8,8
Noise level	dB(A)	70	74
Weight	kg	128	128
Connection inlet	G(BSP)	2½"	2½"
Connection outlet	G(BSP)	2½"	2½"

Ordering Information TYPE EVSC-S85B3

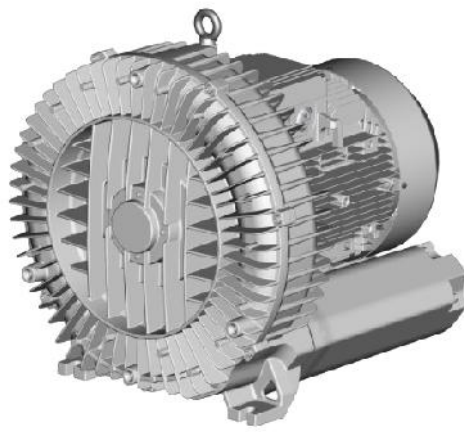
EVSC-S85B3	3ph AC	141385
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140037
Compressor suction filter	140027
Set of feet for horizontal positioning	140012



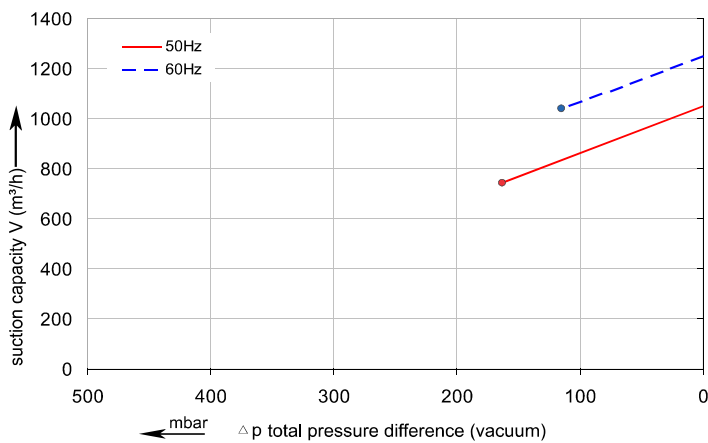
Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V1	V2	V3	YxZ	X-Holes	ØX
EVSC-S85B3	3 ~	451	461	152	356	394	529	262	240	167	170	217	140	139	65	G2½	94	15	6	M8X17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10X20	Ø120°/240°	286



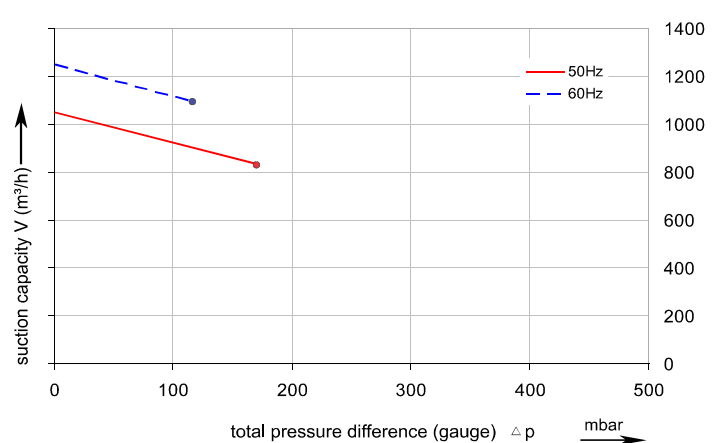
Single stage side channel vacuum pump / compressor **EVSC-S90B3**



Performance curve for Vacuum pump



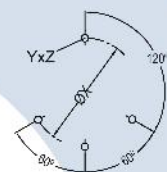
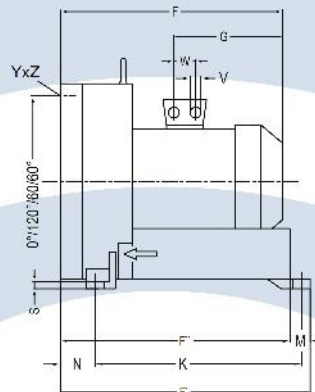
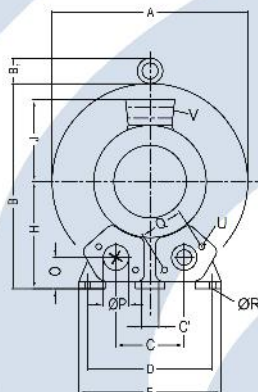
Performance curve for Compressor



Technical Data

TYPE EVSC-S90B3

		50 Hz	60 Hz
Motor power	kW	7,5	8,6
Maximum airflow	m³/h	1050	1250
Ultimate pressure	mbar	+150	+110
Ultimate vacuum	mbar	-160	-120
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	15,0	15,1
Input current Y	A	8,7	8,8
Noise level	dB(A)	74	79
Weight	kg	172	172
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"



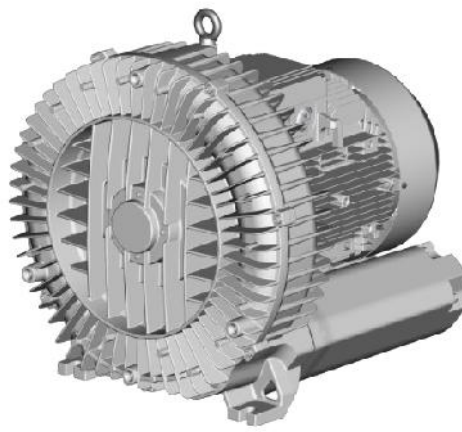
Ordering Information TYPE EVSC-S90B3

EVSC-S90B3	3ph AC	141390
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013

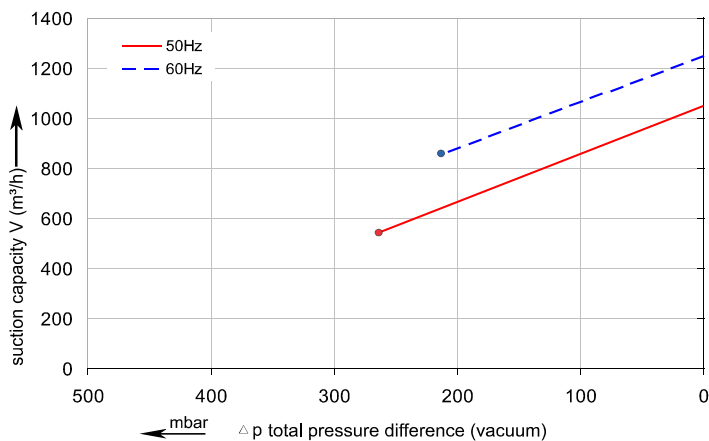
Type	Phases	A	B	B ₁	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S90B3	3~	550	569	55	207	15	360	415	561	644	605	304	300	167	533	39	89	92	G4	150	15	21	M12x30	42	4XM32X1.5	M12x30	0°/120°/60°/60°	490



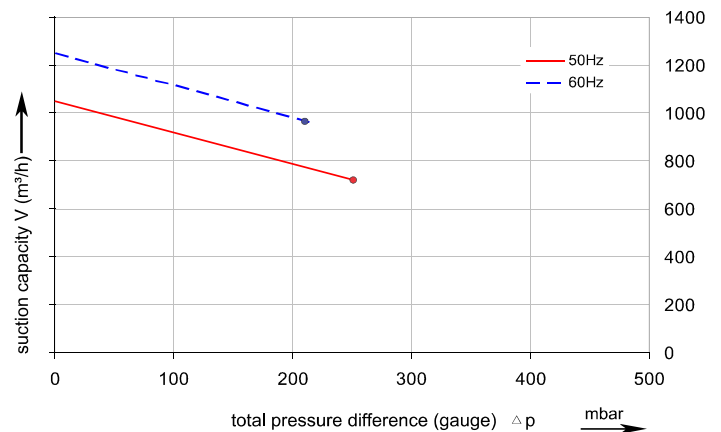
Single stage side channel vacuum pump / compressor **EVSC-S91A3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S91B3

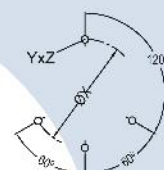
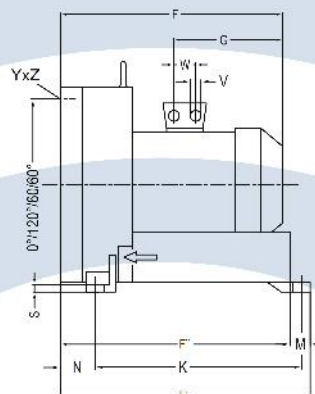
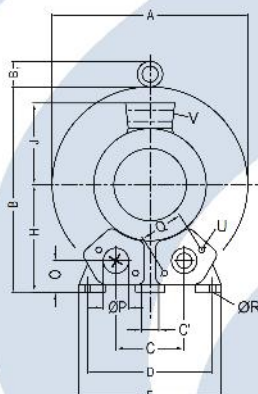
		50 Hz	60 Hz
Motor power	kW	11,0	12,6
Maximum airflow	m³/h	1050	1250
Ultimate pressure	mbar	+250	+210
Ultimate vacuum	mbar	-270	-220
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	22,0	22,0
Input current Y	A	12,7	12,9
Noise level	dB(A)	74	79
Weight	kg	191	191
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"

Ordering Information TYPE EVSC-S91B3

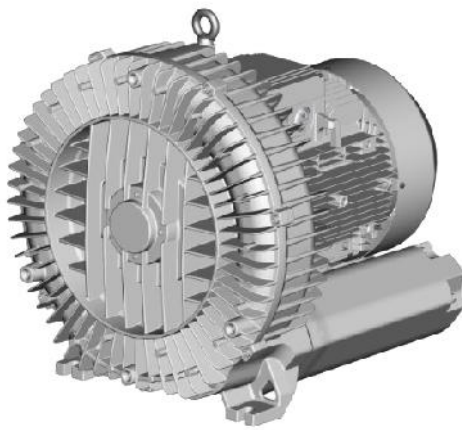
EVSC-S91B3	3ph AC	141391
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013



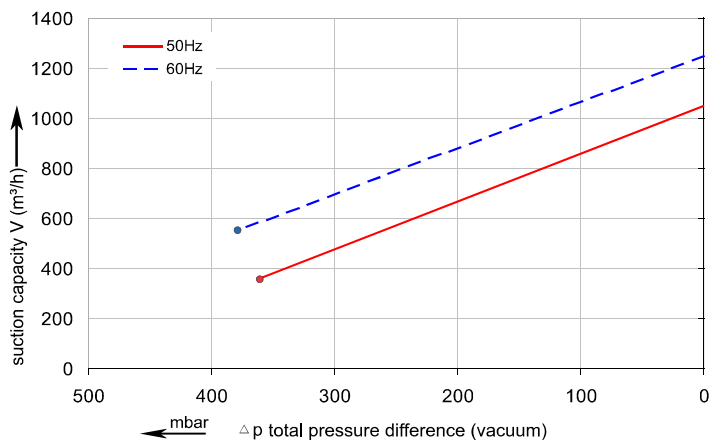
Type	Phases	A	B	B ₁	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S91B3	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60°/60°	490



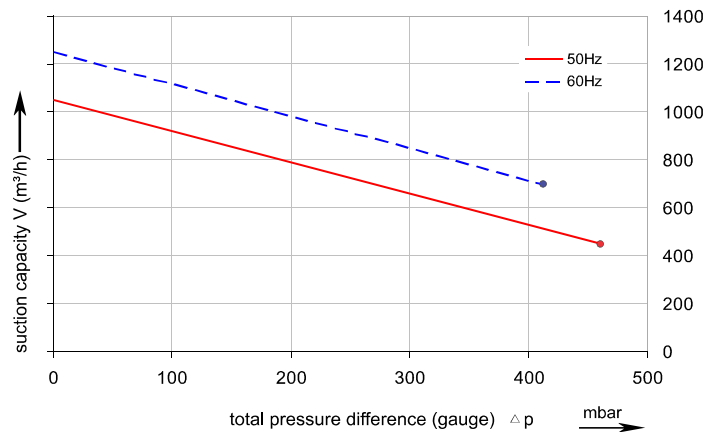
Single stage side channel vacuum pump / compressor **EVSC-S92B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S92B3

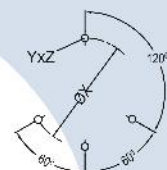
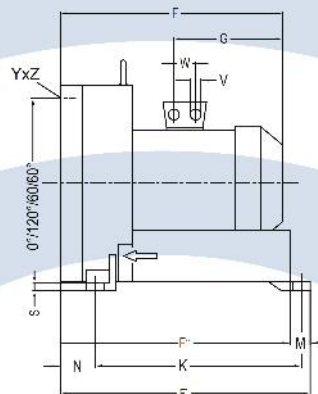
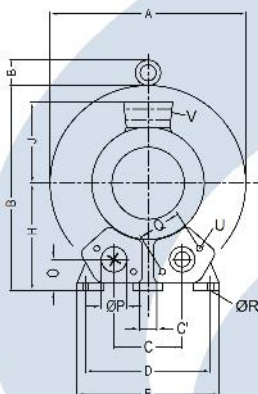
		50 Hz	60 Hz
Motor power	kW	18,5	21,3
Maximum airflow	m³/h	1050	1250
Ultimate pressure	mbar	+460	+410
Ultimate vacuum	mbar	-360	-380
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	37,0	36,5
Input current Y	A	21,0	21,0
Noise level	dB(A)	74	79
Weight	kg	204	204
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"

Ordering Information TYPE EVSC-S92B3

EVSC-S92B3	3ph AC	141392
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013



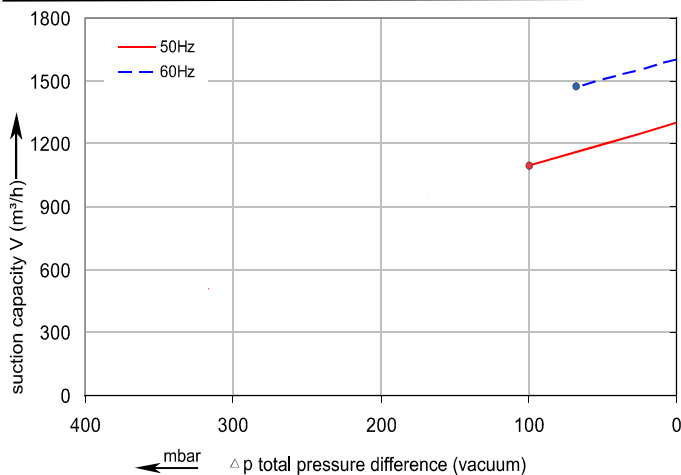
Type	Phases	A	B	B ₁	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S92B3	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60°/60°	490



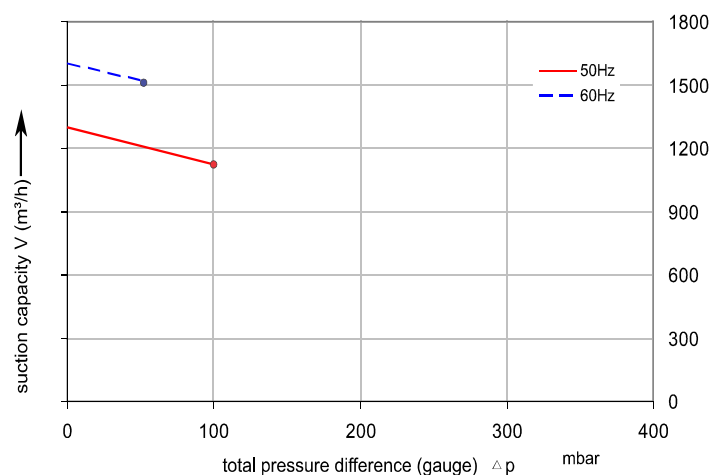
Single stage side channel vacuum pump / compressor **EVSC-S93B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S93B3

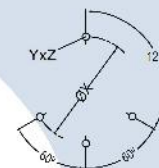
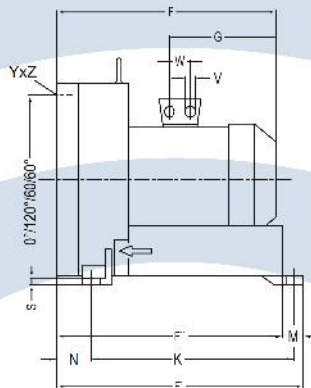
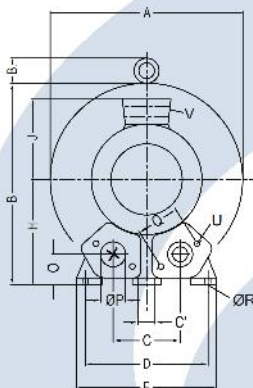
		50 Hz	60 Hz
Motor power	kW	7,5	8,6
Maximum airflow	m³/h	1370	1650
Ultimate pressure	mbar	+100	+50
Ultimate vacuum	mbar	-100	-50
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	15,0	15,1
Input current Y	A	8,7	8,8
Noise level	dB(A)	75	80
Weight	kg	174	174
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"

Ordering Information TYPE EVSC-S93B3

EVSC-S93B3	3ph AC	141393
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013



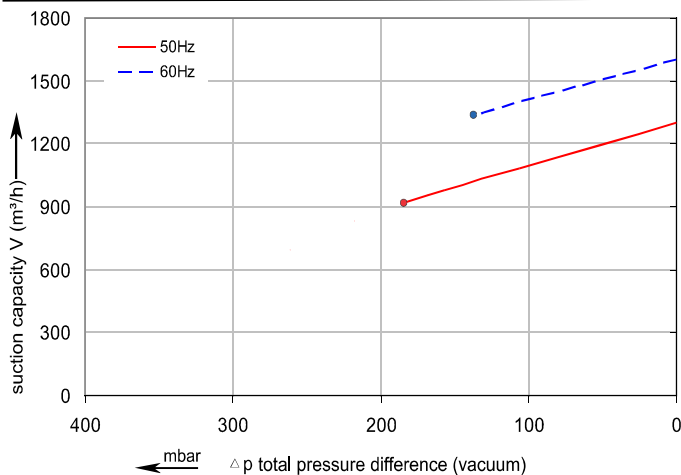
Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S95B3	3~	550	569	55	207	15	360	415	561	682	643	304	300	167	533	39	127	92	G4	150	15	21	M12x30	42	4XM32X1.5	M12x30	0°/120°/60°/60°	490



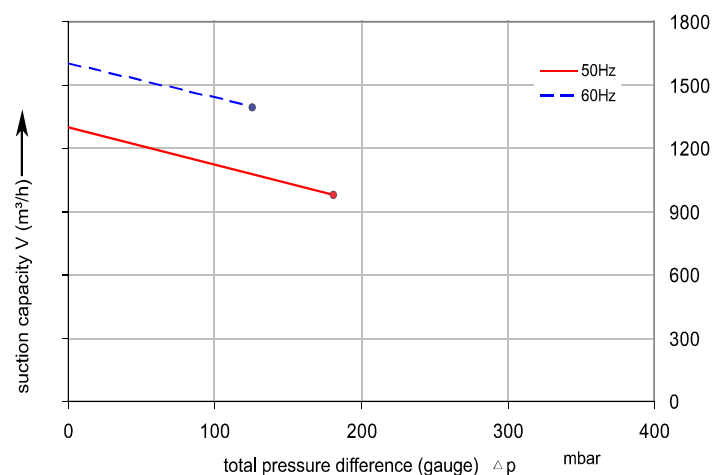
Single stage side channel vacuum pump / compressor **EVSC-S94B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S94B3

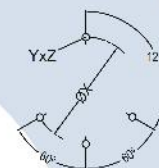
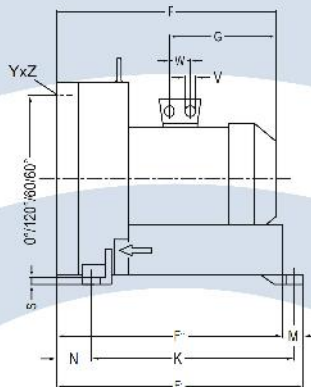
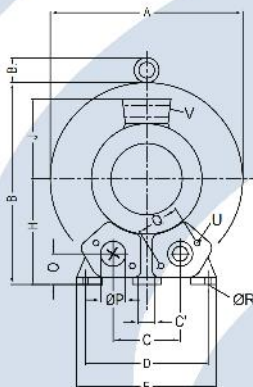
		50 Hz	60 Hz
Motor power	kW	11,0	12,6
Maximum airflow	m³/h	1370	1650
Ultimate pressure	mbar	+180	+130
Ultimate vacuum	mbar	-180	-140
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	22,0	22,0
Input current Y	A	12,7	12,9
Noise level	dB(A)	75	80
Weight	kg	193	193
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"

Ordering Information TYPE EVSC-S93B3

EVSC-S93B3	3ph AC	141394
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013



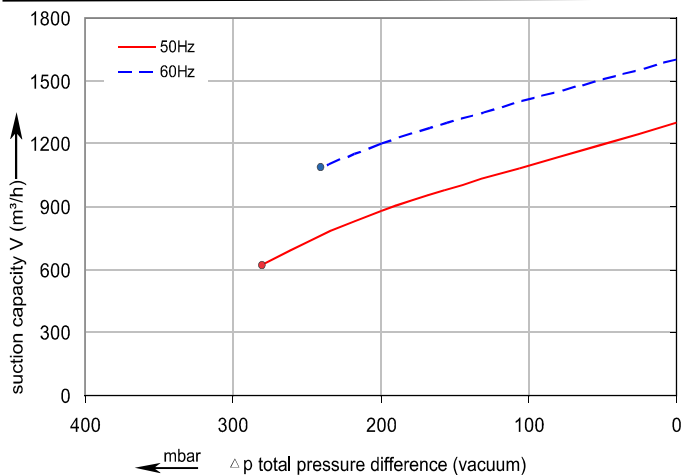
Type	Phases	A	B	B ₁	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-94B3	3~	550	569	55	207	15	360	415	650	682	643	345	300	197	533	39	127	92	G4	150	15	21	M12x30	54	4XM40X1,5	M12x30	0°/120°/60°/60°	490



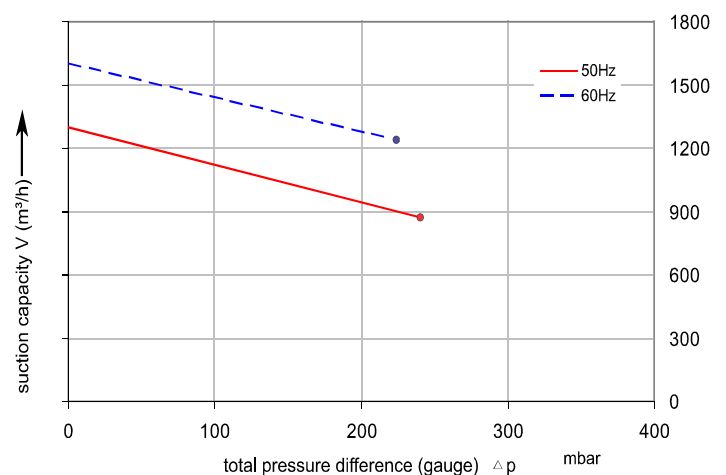
Single stage side channel vacuum pump / compressor **EVSC-S95B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S95B3

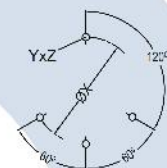
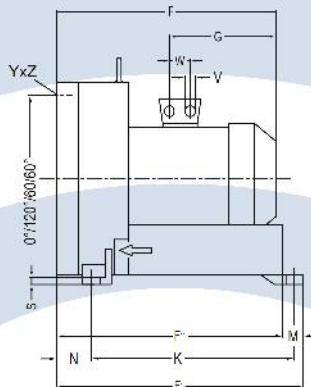
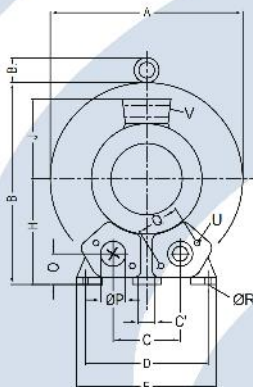
		50 Hz	60 Hz
Motor power	kW	19,0	17,3
Maximum airflow	m³/h	1370	1650
Ultimate pressure	mbar	+260	+220
Ultimate vacuum	mbar	-280	-240
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	30,5	29,5
Input current Y	A	17,3	17,0
Noise level	dB(A)	75	80
Weight	kg	207	207
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"

Ordering Information TYPE EVSC-S93B3

EVSC-S93B3	3ph AC 141393
Other voltages/frequencies	Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013



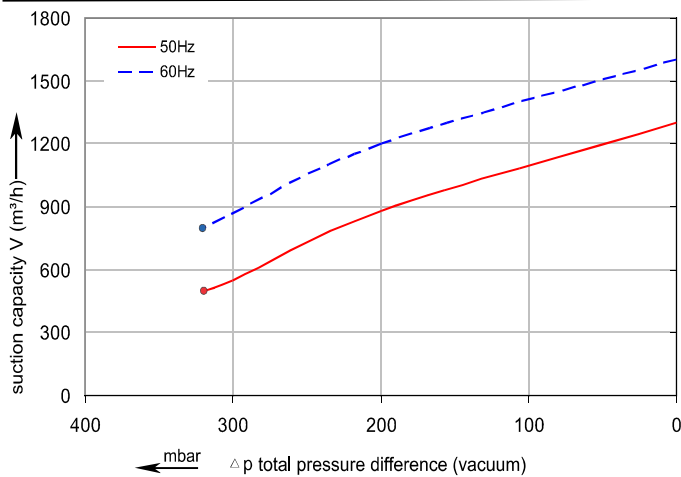
Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S95B3	3~	550	569	55	207	15	360	415	709	682	643	405	300	197	533	39	127	92	G4	150	15	21	M12x30	54	4XM40X1,5	M12x30	0°/120°/60°/60°	490



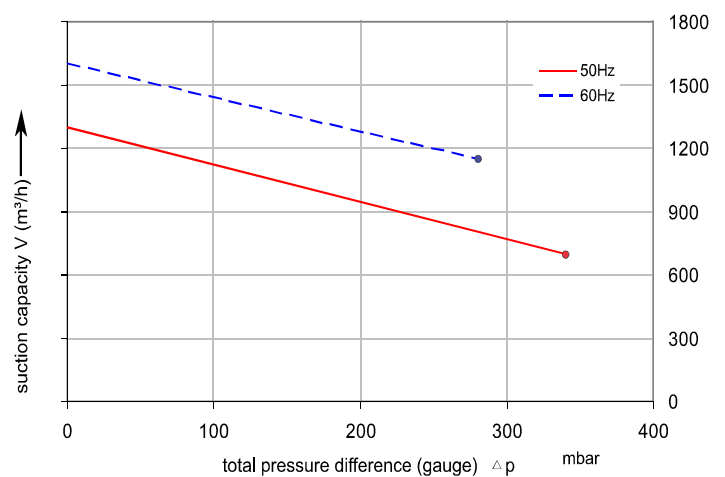
Single stage side channel vacuum pump / compressor **EVSC-S96B3**



Performance curve for Vacuum pump



Performance curve for Compressor



Technical Data

TYPE EVSC-S96B3

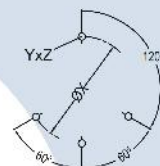
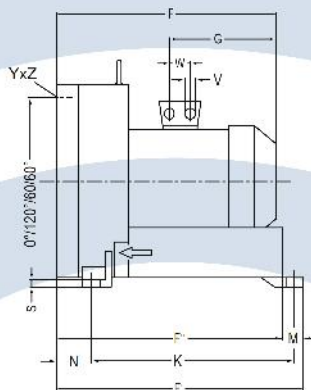
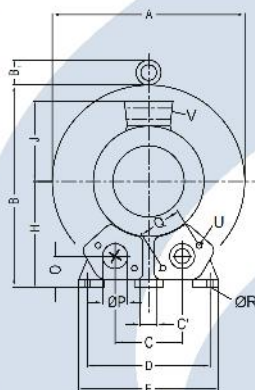
		50 Hz	60 Hz
Motor power	kW	18,5	21,3
Maximum airflow	m³/h	1370	1650
Ultimate pressure	mbar	+340	+300
Ultimate vacuum	mbar	-320	-320
Input voltage 3 phase Δ	V	350-450	400-500
Input voltage 3 phase Y	V	610-725	690-725
Input current Δ	A	37,0	36,5
Input current Y	A	21,0	21,0
Noise level	dB(A)	75	80
Weight	kg	206	206
Connection inlet	G(BSP)	4"	4"
Connection outlet	G(BSP)	4"	4"

Ordering Information TYPE EVSC-S96B3

EVSC-S96B3	3ph AC	141396
Other voltages/frequencies		Upon request

Accessories

Vacuum/pressure relief valve	See page 123
Vacuum inline dust filter	140039
Compressor suction filter	140029
Set of feet for horizontal positioning	140013



Type	Phases	A	B	B1	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	P	Q	ØR	S	U	W	V	YxZ	X-Holes	ØX
EVSC-S96B3	3~	550	569	55	207	15	360	415	709	682	643	405	300	197	533	39	127	92	G4	150	15	21	M12x30	54	4XM40X1.5	M12x30	0°/120°/60/60°	490