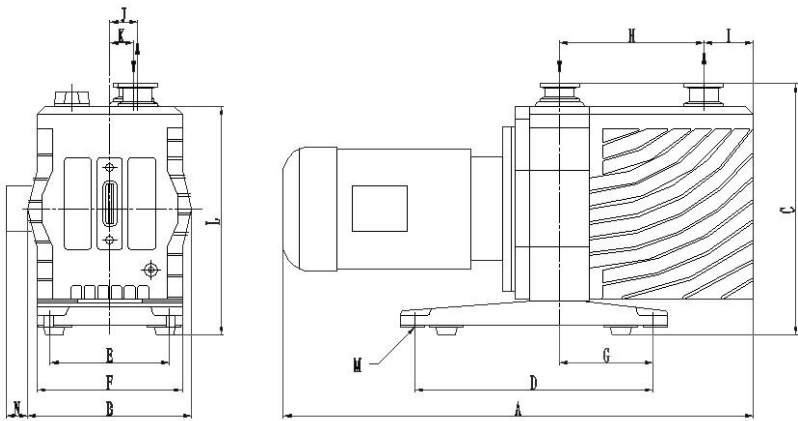
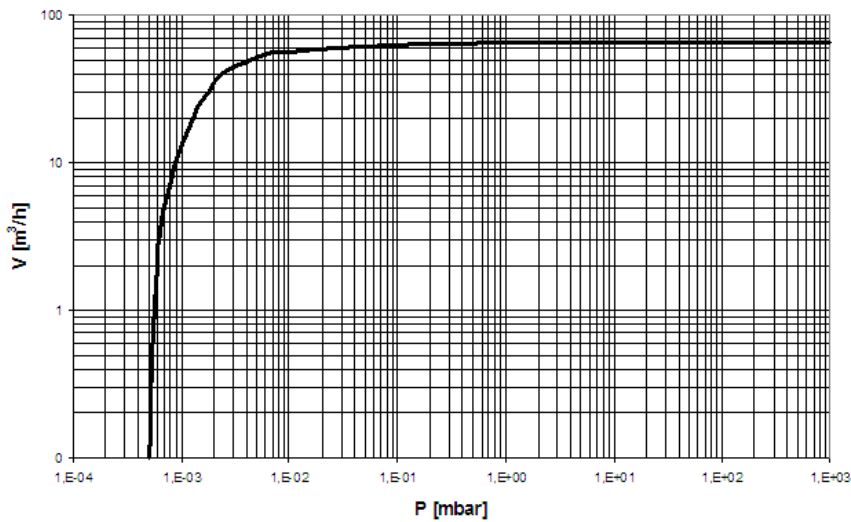


TYPE EVD-60



Pumping speed curve



Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-60	730	280	410	550	185	245	310	245	95	28	45	385	Ø14	0

TYPE EVD-60

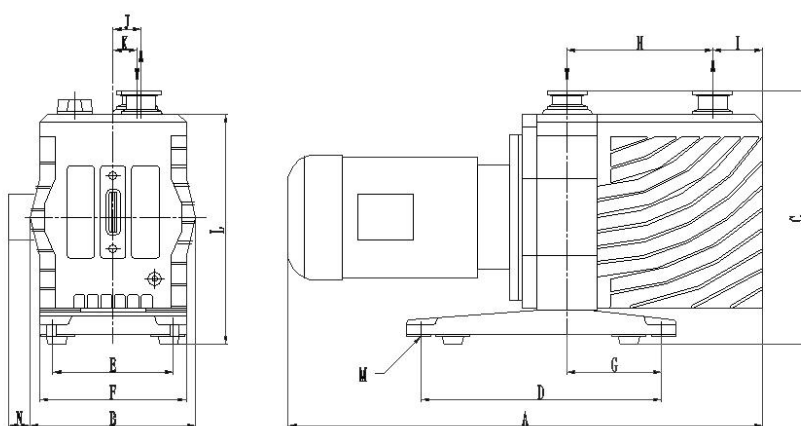
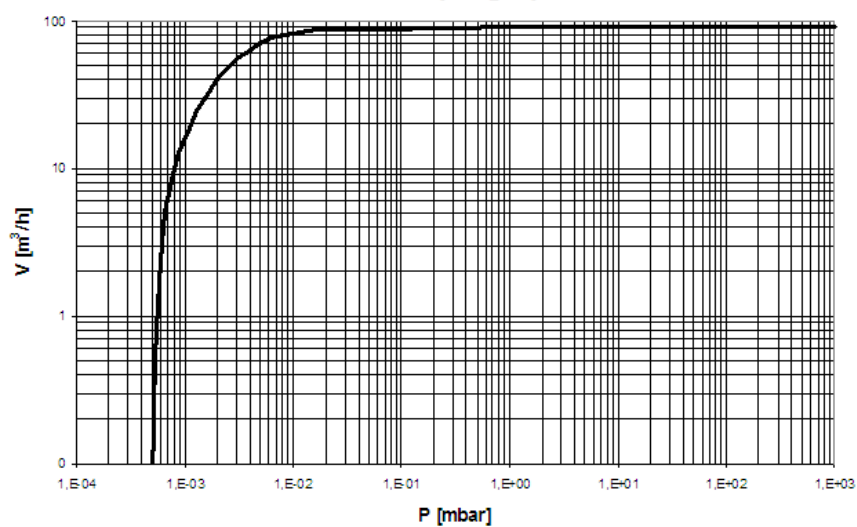
Technical Data		TYPE EVD-60	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	65	78
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	2,2	2,2
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	50	50
Noise level	dB	56	58
Oil capacity	ltr	5,5	5,5
Weight	kg	83	83
Admissible ambient temp.	°C	10 to 40	10 to 40
Connection Inlet	DIN	40 KF	40 KF
Outlet	DIN	40 KF	40 KF

Ordering Information		TYPE EVD-60	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		425.902	425.903 425.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter		424.910	
Gasket set		425.911	
Maintenance kit		425.912	
Pump module		425.913	
Inlet dust filter, paper cartridge		423.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

TYPE EVD-90



Pumping speed curve



Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-90	801/780	280	410	600	185	245	360	295	95	28	45	385	Ø14	0

TYPE EVD-90

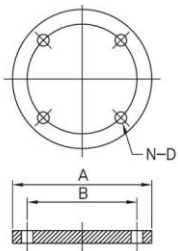
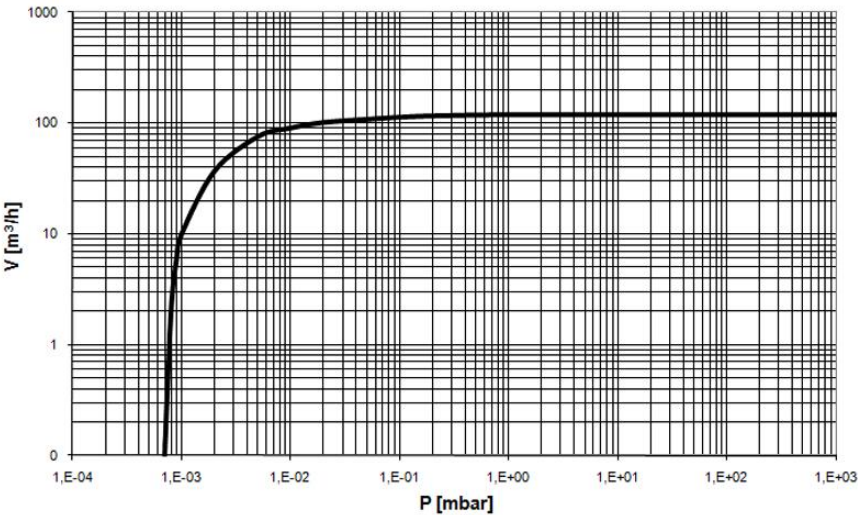
Technical Data		TYPE EVD-90	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	90	105
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	3,0	3,0
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	50	50
Noise level	dB	56	58
Oil capacity	ltr	6,5	6,5
Weight	kg	88	88
Admissible ambient temp.	°C	10 to 40	10 to 40
Connection Inlet	DIN	40 KF	40 KF
Outlet	DIN	40 KF	40 KF

Ordering Information		TYPE EVD-90	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		426.902	426.903 426.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter		424.910	
Gasket set		426.911	
Maintenance kit		426.912	
Pump module		426.913	
Inlet dust filter, paper cartridge		423.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

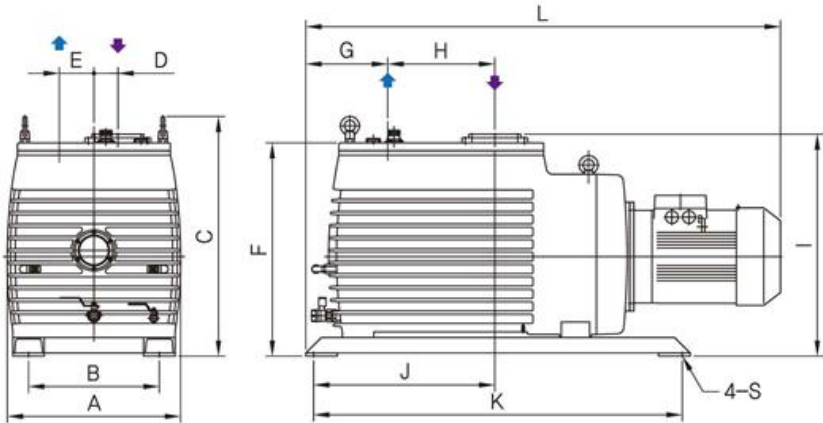
TYPE EVD-120



Pumping speed curve



Standard	A	B	N	D
ISO 40	Ø100	Ø80	4	M8
ISO 63	Ø130	Ø110	4	M8



Dimensions	A	B	C	D	E	F	G	H	I	J	K	S	L
EVD-120	320	230	501	40	65	414	193	175	465	348	740	Ø14	974

TYPE EVD-120

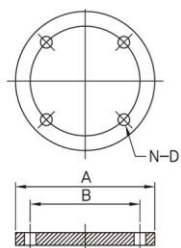
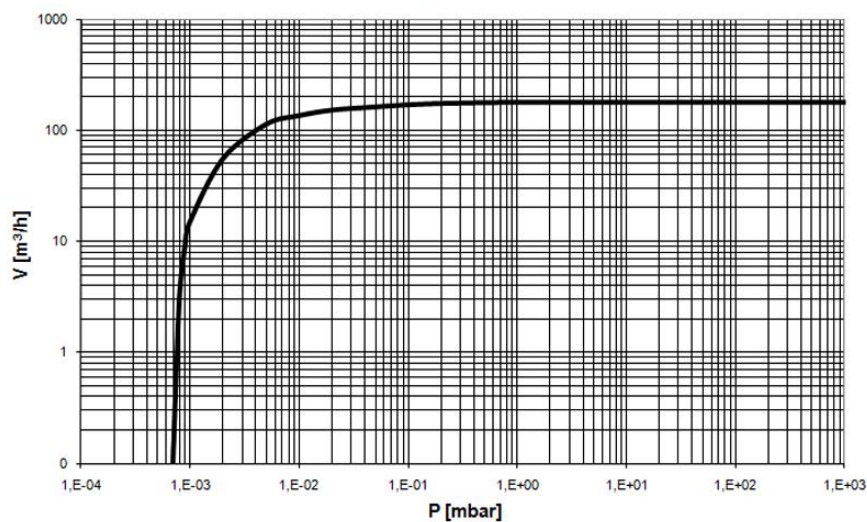
Technical Data		TYPE EVD-120	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	120	144
Ultimate pressure GB closed	mbar	7x10 ⁻⁴	7x10 ⁻⁴
Ultimate pressure GB open	mbar	7x10 ⁻³	7x10 ⁻³
Motor power	kW	3,7	3,7
Nominal speed	rpm	1450	1750
Oil capacity	ltr	11	11
Admissible ambient temp.	°C	10 to 40	10 to 40
Noise level	dB(A)	70	72
Weight	kg	172	172
Connection	Inlet	DIN	ISO 63
	Outlet	DIN	ISO 40

Ordering Information		TYPE EVD-120	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		432.902	432.903 432.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter EF-50		434.910	
Gasket set		432.911	
Maintenance kit		432.912	
Pump module		432.913	
Inlet dust filter, paper cartridge		432.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

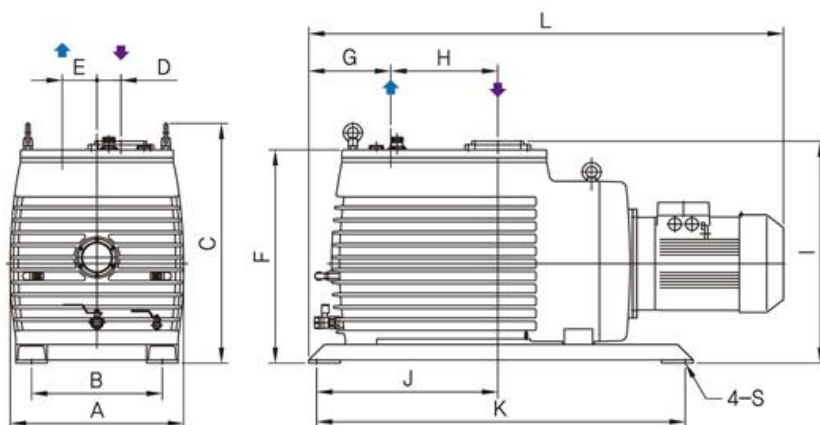
TYPE EVD-180



Pumping speed curve



Standard	A	B	N	D
ISO 40	Ø100	Ø80	4	M8
ISO 63	Ø130	Ø110	4	M8



Dimensions	A	B	C	D	E	F	G	H	I	J	K	S	L
EVD-180	400	305	575	58	75	490	195	200	528	375	805	Ø18	1101

TYPE EVD-180

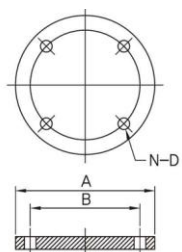
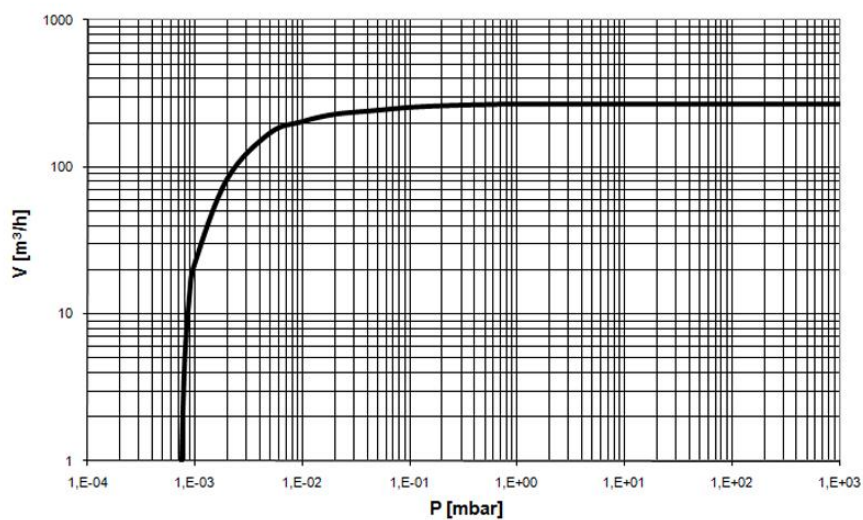
Technical Data		TYPE EVD-180	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	180	216
Ultimate pressure GB closed	mbar	7x10 ⁻⁴	7x10 ⁻⁴
Ultimate pressure GB open	mbar	7x10 ⁻³	7x10 ⁻³
Motor power	kW	5,5	5,5
Nominal speed	rpm	1450	1750
Oil capacity	ltr	16	16
Admissible ambient temp.	°C	10 to 40	10 to 40
Noise level	dB(A)	72	74
Weight	kg	290	290
Connection	Inlet	DIN	ISO 63
	Outlet	DIN	ISO 40

Ordering Information		TYPE EVD-180	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		433.902	433.903 433.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter EF-50		434.910	
Gasket set		433.911	
Maintenance kit		433.912	
Pump module		433.913	
Inlet dust filter, paper cartridge		433.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

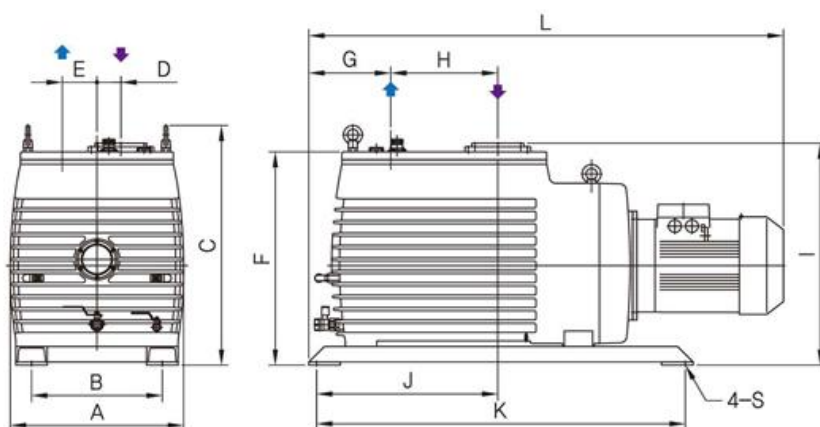
TYPE EVD-270



Pumping speed curve



Standard	A	B	N	D
ISO 40	Ø100	Ø80	4	M8
ISO 63	Ø130	Ø110	4	M8



Dimensions	A	B	C	D	E	F	G	H	I	J	K	S	L
EVD-270	400	305	645	58	75	560	203	250	598	433	895	Ø18	1179

TYPE EVD-270

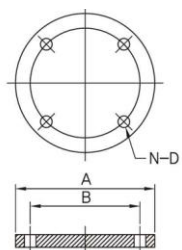
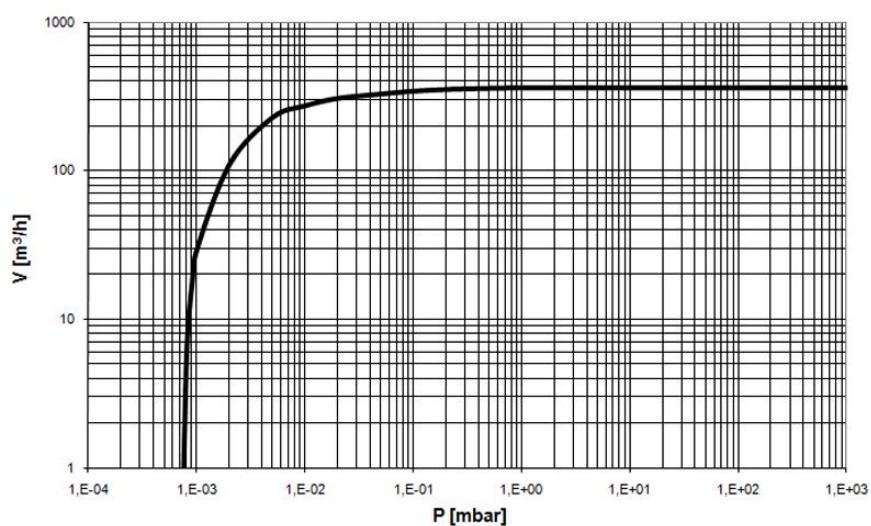
Technical Data		TYPE EVD-270	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	270	324
Ultimate pressure GB closed	mbar	7x10 ⁻⁴	7x10 ⁻⁴
Ultimate pressure GB open	mbar	7x10 ⁻³	7x10 ⁻³
Motor power	kW	7,5	7,5
Nominal speed	rpm	1450	1750
Oil capacity	ltr	17	17
Admissible ambient temp.	°C	10 to 40	10 to 40
Noise level	dB(A)	74	76
Weight	kg	358	358
Connection	Inlet	DIN	ISO 63
	Outlet	DIN	ISO 40

Ordering Information		TYPE EVD-270	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		434.902	434.903 434.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter EF-50		434.910	
Gasket set		434.911	
Maintenance kit		434.912	
Pump module		434.913	
Inlet dust filter, paper cartridge		434.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

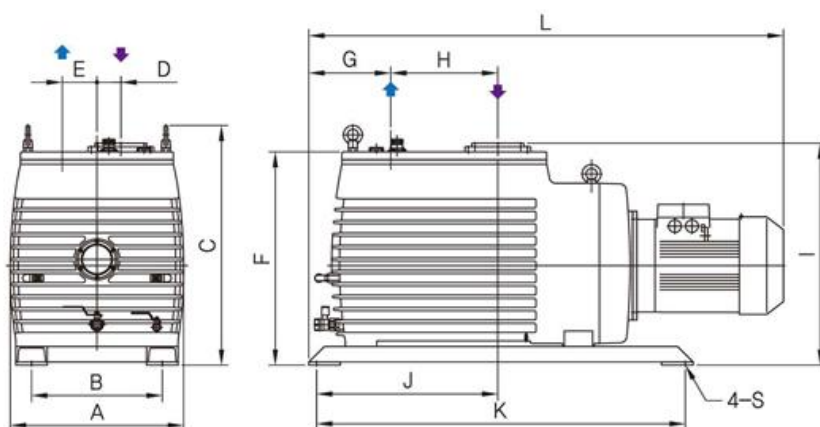
TYPE EVD-360



Pumping speed curve



Standard	A	B	N	D
ISO 100	Ø165	Ø145	8	M8
ISO 100	Ø165	Ø145	8	M8



Dimensions	A	B	C	D	E	F	G	H	I	J	K	S	L
EVD-360	550	415	771	76	110	686	258	225	714	458	1040	Ø18	1377

TYPE EVD-360

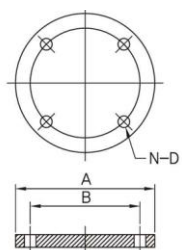
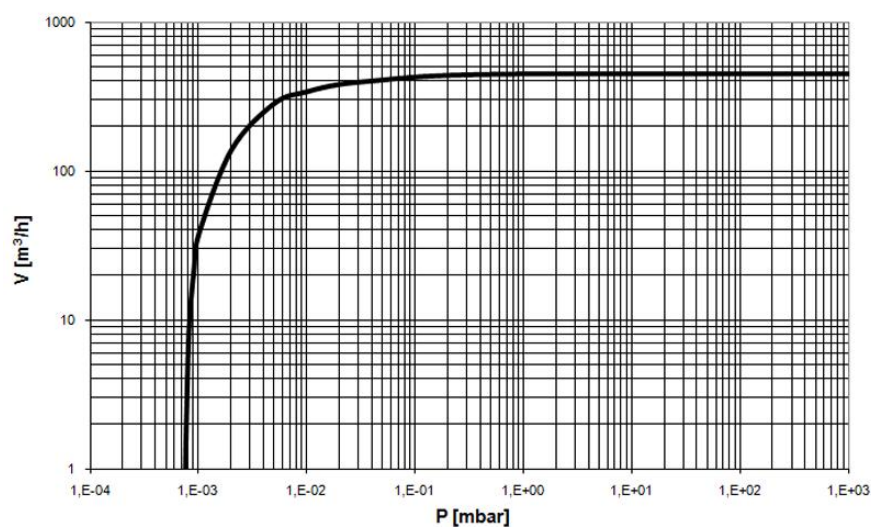
Technical Data		TYPE EVD-360	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	360	432
Ultimate pressure GB closed	mbar	7x10 ⁻⁴	7x10 ⁻⁴
Ultimate pressure GB open	mbar	7x10 ⁻³	7x10 ⁻³
Motor power	kW	11	11
Nominal speed	rpm	1450	1750
Oil capacity	ltr	28	28
Admissible ambient temp.	°C	10 to 40	10 to 40
Noise level	dB(A)	78	80
Weight	kg	584	584
Connection	Inlet	DIN ISO 100	ISO 100
	Outlet	DIN ISO 100	ISO 100

Ordering Information		TYPE EVD-360	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		435.902	435.903 435.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter EF-100		436.910	
Gasket set		435.911	
Maintenance kit		435.912	
Pump module		435.913	
Inlet dust filter, paper cartridge		435.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

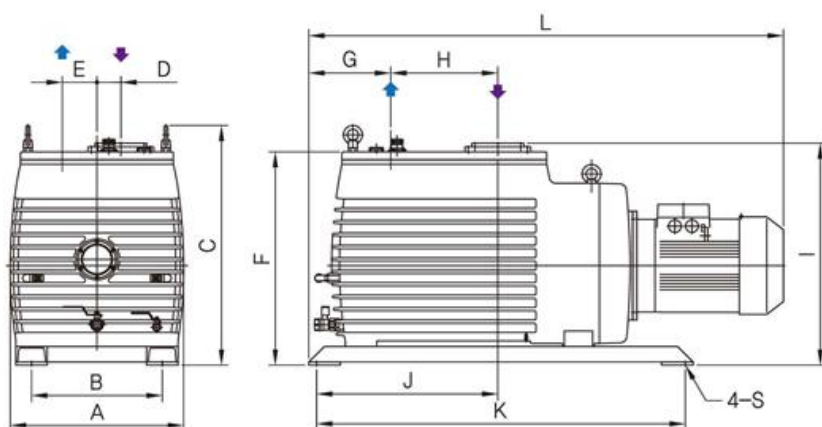
TYPE EVD-450



Pumping speed curve



Standard	A	B	N	D
ISO 100	Ø165	Ø145	8	M8
ISO 100	Ø165	Ø145	8	M8



Dimensions	A	B	C	D	E	F	G	H	I	J	K	S	L
EVD-450	550	415	771	76	110	686	260	340	714	575	1170	Ø18	1507

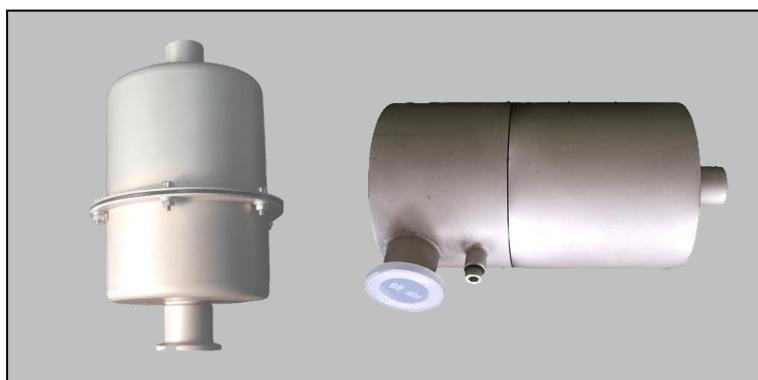
TYPE EVD-450

Technical Data		TYPE EVD-450	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	450	540
Ultimate pressure GB closed	mbar	7x10 ⁻⁴	7x10 ⁻⁴
Ultimate pressure GB open	mbar	7x10 ⁻³	7x10 ⁻³
Motor power	kW	15	15
Nominal speed	rpm	1450	1750
Oil capacity	ltr	35	35
Admissible ambient temp.	°C	10 to 40	10 to 40
Noise level	dB(A)	78	80
Weight	kg	668	668
Connection	Inlet	DIN ISO 100	ISO 100
	Outlet	DIN ISO 100	ISO 100

Ordering Information		TYPE EVD-450	
		50 Hz	60 Hz
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		436.902	436.903 436.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter EF-100		436.910	
Gasket set		436.911	
Maintenance kit		436.912	
Pump module		436.913	
Inlet dust filter, paper cartridge		436.914	
EV-Highvacuum Oil-60			
1 ltr can		100.400	
2,5 ltr can		100.401	
5 ltr can		100.402	
20 ltr can		100.403	

ACCESSORIES EVD- SERIES

Exhaust oil vapor filter



Technical Data		EF-25
Vacuum connections		DN25KF
For pumps	EVD-	6, 12, 24 & 36
Filter efficiency		98%
Housing		Metal
Seals		FPM

Ordering Information	EF-25
EF-25	420.910
Parts to connect the filter unit	
Centering DN 25 KF, mat. Al/FPM	211-061
Clampring DN 25 KF, mat. Al	211-002
Spare parts for filter unit	
Sealing Set	420.915
Filter cartridge	420.916

Technical Data		EF-40
Vacuum connections		DN40KF
For pumps	EVD-	48, 60 & 90
Filter efficiency		98%
Housing		Metal
Seals		FPM

Ordering Information	EF-40
EF-40	424.910
Parts to connect the filter unit	
Centering DN 40 KF, mat. Al/FPM	211-063
Clampring DN 40 KF, mat. Al	211-003
Spare parts for filter unit	
Sealing Set	424.915
Filter cartridge	424.916

ACCESSORIES EVD-SERIES

Exhaust oil vapor filter



Technical Data		EF-50
Vacuum connections		ISO 40
For pumps	EVD-	120, 180 & 270
Filter efficiency		98%
Housing		Metal
Seals		FPM

Ordering Information	EF-50
EF-50	424.910
Sealing Set	424.915
Filter cartridge	424.916

Technical Data		EF-100
Vacuum connections		ISO 100
For pumps	EVD-	360 & 450
Filter efficiency		98%
Housing		Metal
Seals		FPM

Ordering Information	EF-100
EF-100	426.910
Sealing Set	426.915
Filter cartridge	426.916