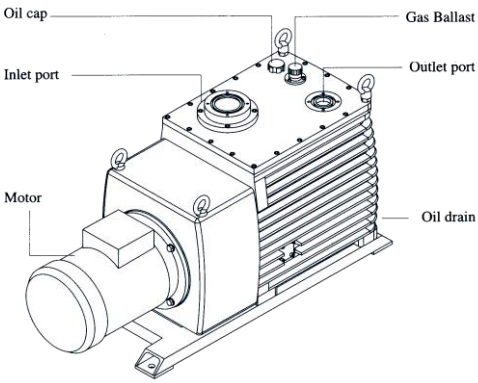
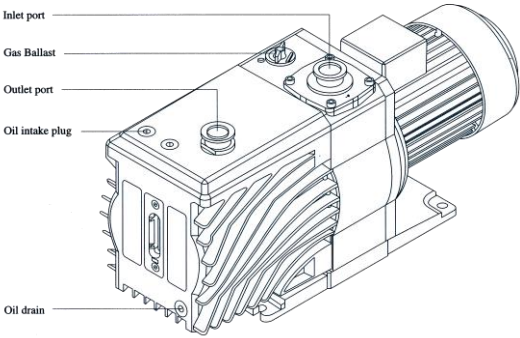


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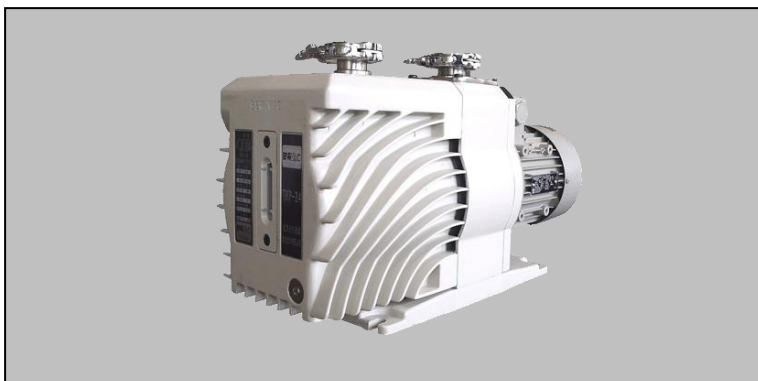
Eurovacuum EVD Series

EVD series

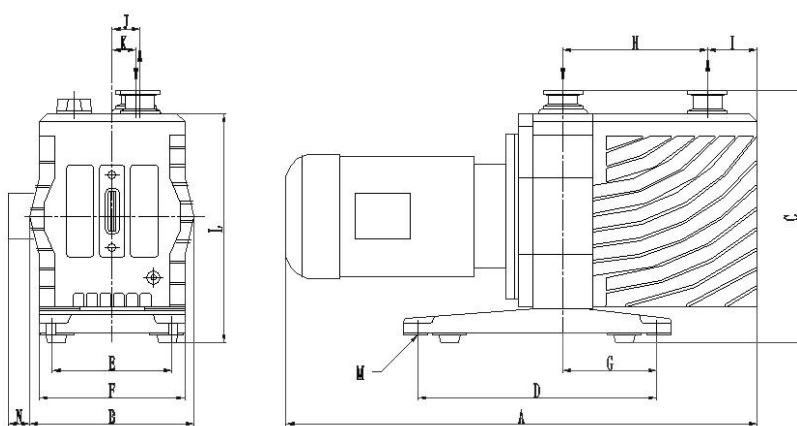
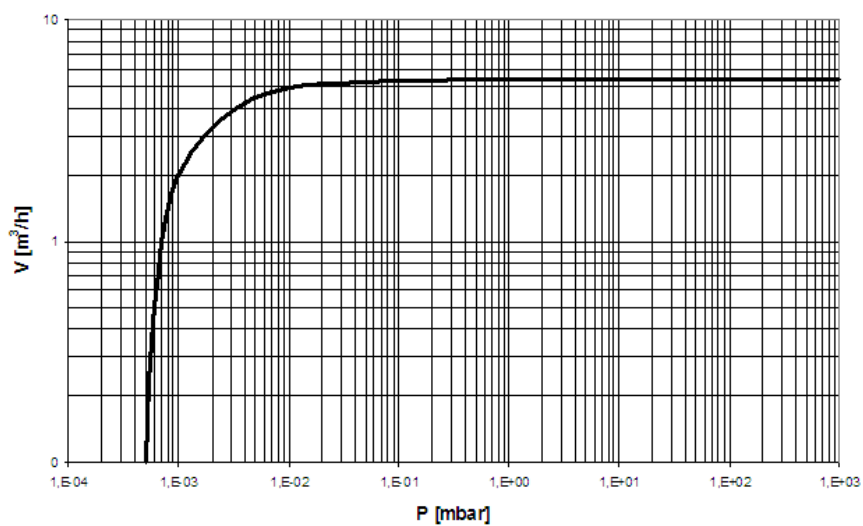
• EVD-6	4
• EVD-12	6
• EVD-24	8
• EVD-36	10
• EVD-48	12
• EVD-60	14
• EVD-90	16
• EVD-120	18
• EVD-180	20
• EVD-270	22
• EVD-360	24
• EVD-450	26

Accessories for EVD series	28
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TYPE EVD-6



Pumping speed curve



Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-6	470	165	252	240	120	146	94	120	50	24	28	229	Ø9	53

TYPE EVD-6

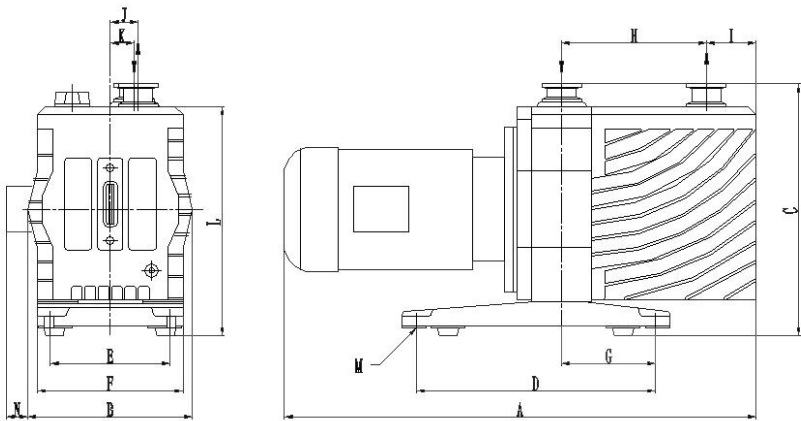
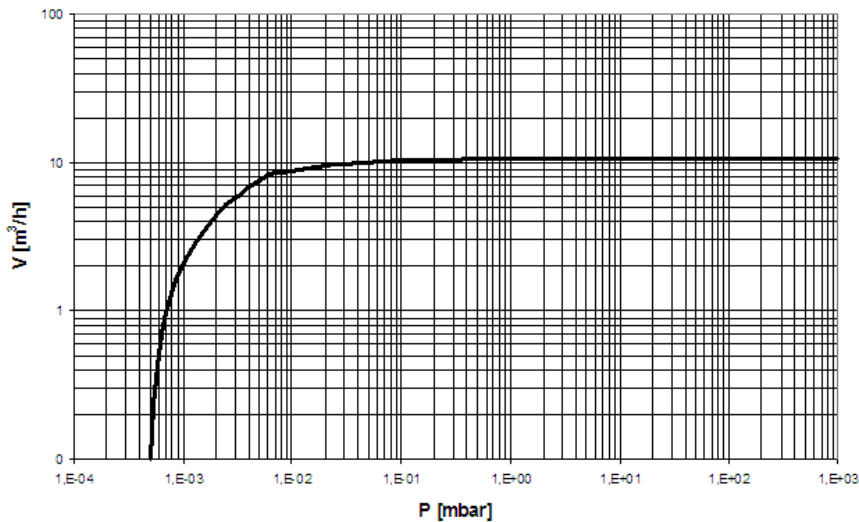
Technical Data		TYPE EVD-6	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	5,4	6,5
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	0,37	0,37
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	50	50
Noise level	dB	50	52
Oil capacity	ltr	1,3	1,3
Weight	kg	23	23
Admissible ambient temp.	°C	10 to 40	10 to 40
Connection Inlet	DIN	25 KF	25 KF
Outlet	DIN	25 KF	25 KF

Ordering Information	TYPE EVD-6	
	50 Hz	60 Hz
Single phase motor 230V, 50/60 Hz (IEC)	420.901	420.901
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)	420.902	420.903 420.904
Other Voltages/Frequencies	Upon request	
Filling with special oil	Upon request	
Exhaust oil vapor filter (side exhaust)	420.910	
Gasket set	420.911	
Maintenance kit	420.912	
Pump module	420.913	
Inlet dust filter, paper cartridge	420.914	
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-12



Pumping speed curve



Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-12	495	165	252	240	120	146	94	145	50	24	28	229	Ø9	53

TYPE EVD-12

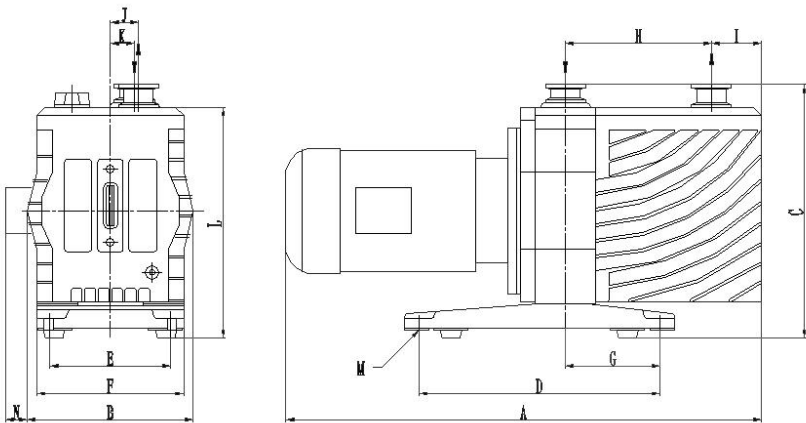
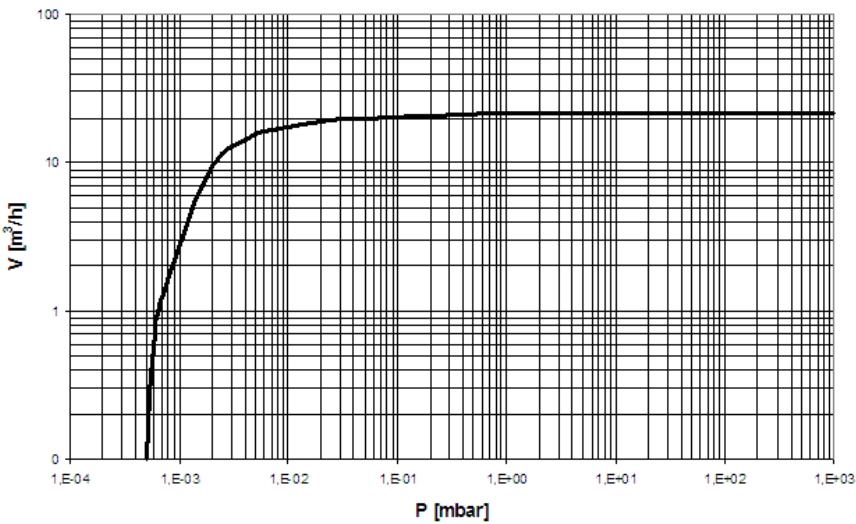
Technical Data		TYPE EVD-12	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	10,8	13,0
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	0,37	0,37
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	50	50
Noise level	dB	50	52
Oil capacity	ltr	1,1	1,1
Weight	kg	25	25
Admissible ambient temp.	°C	10 to 40	10 to 40
Connection Inlet	DIN	25 KF	25 KF
Outlet	DIN	25 KF	25 KF

Ordering Information	TYPE EVD-12	
	50 Hz	60 Hz
Single phase motor 0,55kW 230V, 50/60 Hz (IEC)	421.901	421.901
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)	421.902	421.903 421.904
Other Voltages/Frequencies	Upon request	
Filling with special oil	Upon request	
Exhaust oil vapor filter (side exhaust)	420.910	
Gasket set	421.911	
Maintenance kit	421.912	
Pump module	421.913	
Inlet dust filter, paper cartridge	420.914	
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-24



Pumping speed curve



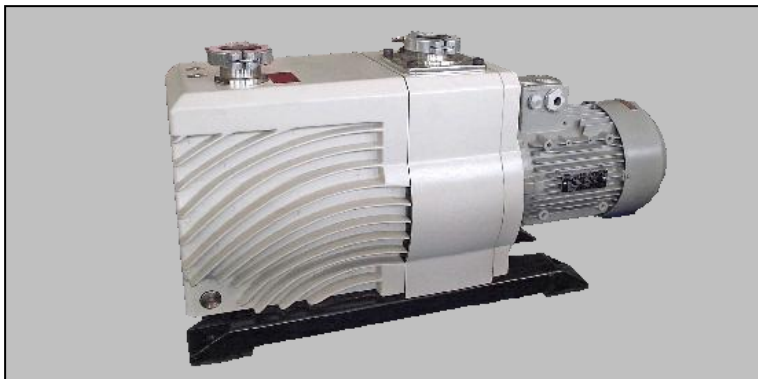
Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-24	535	205	288	310	140	180	147	156	75	40	34	262	Ø12	48

TYPE EVD-24

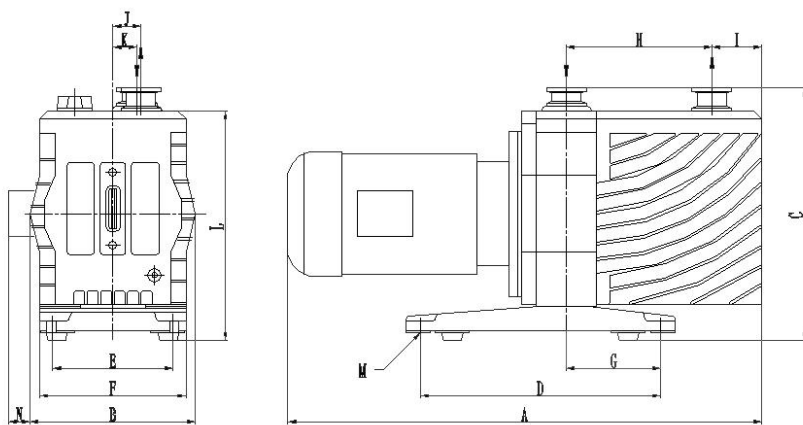
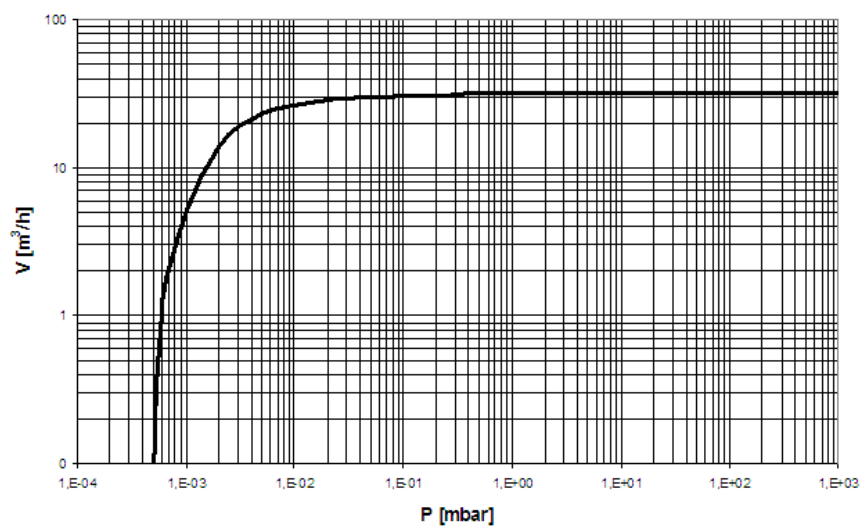
Technical Data		TYPE EVD-24	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	21,6	26,0
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	0,75	0,75
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	30	30
Noise level	dB	52	54
Oil capacity	ltr	1,4	1,4
Weight	kg	37	37
Admissible ambient temp.	°C	10 to 40	10 to 40
Connection Inlet	DIN	25 KF	25 KF
Outlet	DIN	25 KF	25 KF

Ordering Information		TYPE EVD-24	
		50 Hz	60 Hz
Single phase motor 230V, 50/60 Hz (IEC)		422.901	422.901
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		422.902	422.903 422.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter (side exhaust)		420.910	
Gasket set		422.911	
Maintenance kit		422.912	
Pump module		422.913	
Inlet dust filter, paper cartridge		420.914	
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-36



Pumping speed curve



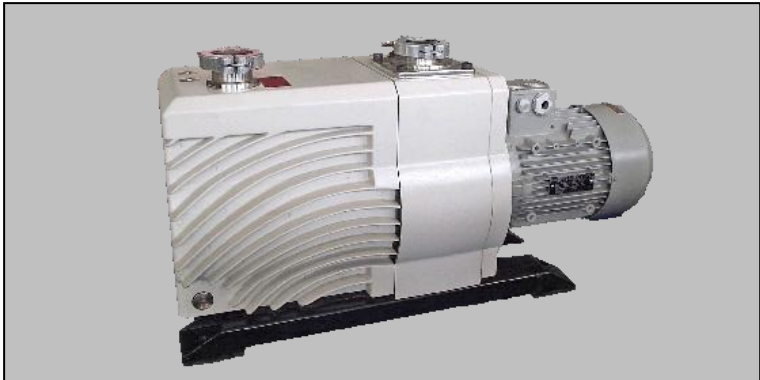
Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-36	565	205	288/296	310	140	180	147	186	75	40	34	262	Ø12	48

TYPE EVD-36

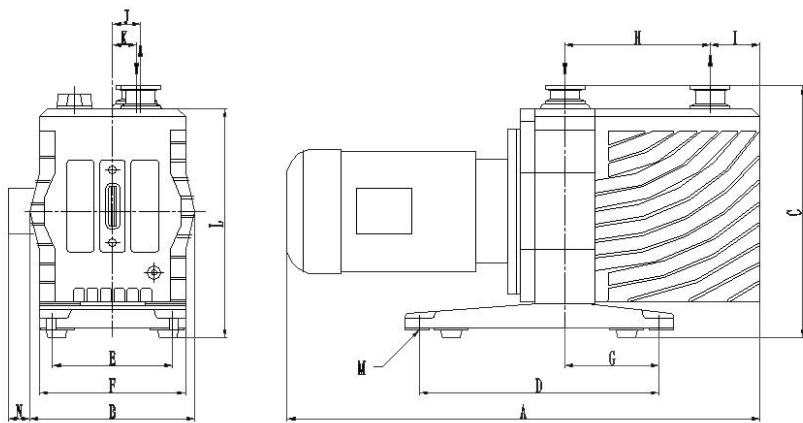
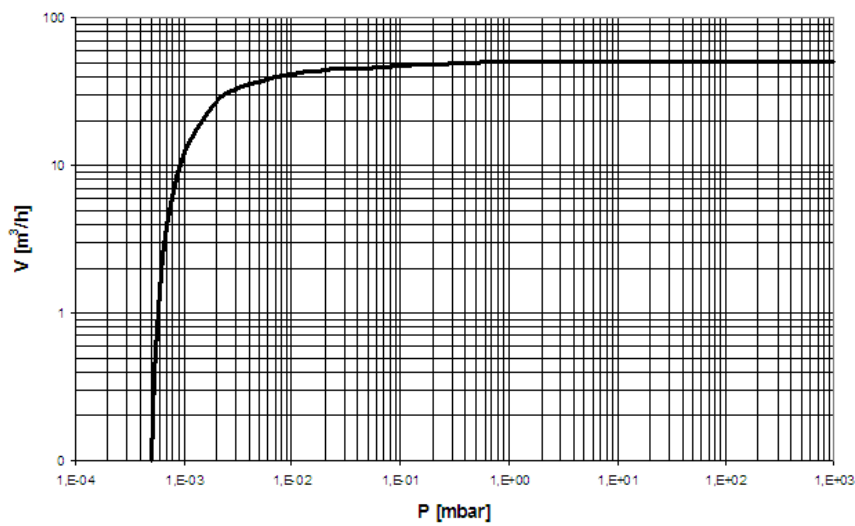
Technical Data		TYPE EVD-36	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	32,5	39,0
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	0,75	0,75
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	30	30
Noise level	dB	52	54
Oil capacity	ltr	1,8	1,8
Weight	kg	39	39
Admissible ambient temp.	°C	10 to 40	10 to 40
Connection Inlet	DIN	25 / 40 KF	25 / 40 KF
Outlet	DIN	25 KF	25 KF

Ordering Information		TYPE EVD-36	
		50 Hz	60 Hz
Single phase motor 230V, 50/60 Hz (IEC)		423.901	423.901
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		423.902	423.903 423.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter (side exhaust)		420.910	
Gasket set		423.911	
Maintenance kit		423.912	
Pump module		423.913	
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-48



Pumping speed curve



Dimensions	A	B	C	D	E	F	G	H	I	J	K	L	M	N
EVD-48	680	250	335	485	155	215	290	235	80	28	45	310	Ø14	20

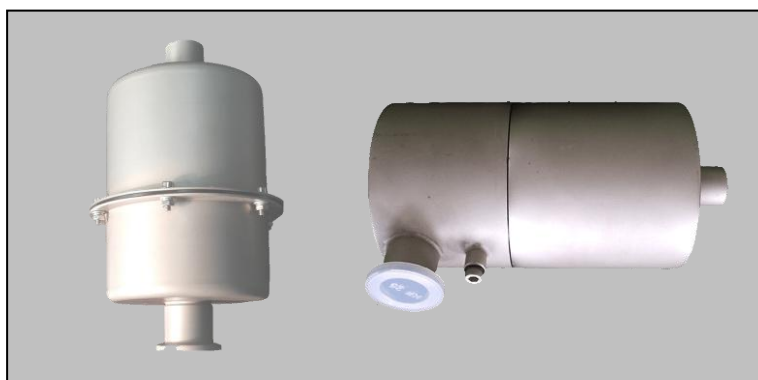
TYPE EVD-48

Technical Data		TYPE EVD-48	
		50 Hz	60 Hz
Nominal displacement	m ³ /h	50	60
Ultimate partial pressure	mbar	10 ⁻⁴	10 ⁻⁴
Ultimate total pressure	mbar	4x10 ⁻³	4x10 ⁻³
Motor power	kW	1,5	1,5
Nominal speed	rpm	1450	1750
Water vapor tolerance	mbar	50	50
Noise level	dB	56	58
Oil capacity	ltr	3,8	3,8
Weight	kg	64	64
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-48	
		50 Hz	60 Hz
Single phase motor 230V, 50/60 Hz (IEC)		424.901	424.901
Three phase motor 400V, 50Hz (IEC) 400V, 60Hz (IEC) 400V, 60Hz (NEMA)		424.902	424.903 424.904
Other Voltages/Frequencies		Upon request	
Filling with special oil		Upon request	
Exhaust oil vapor filter		424.910	
Gasket set		424.911	
Maintenance kit		424.912	
Pump module		424.913	
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	

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