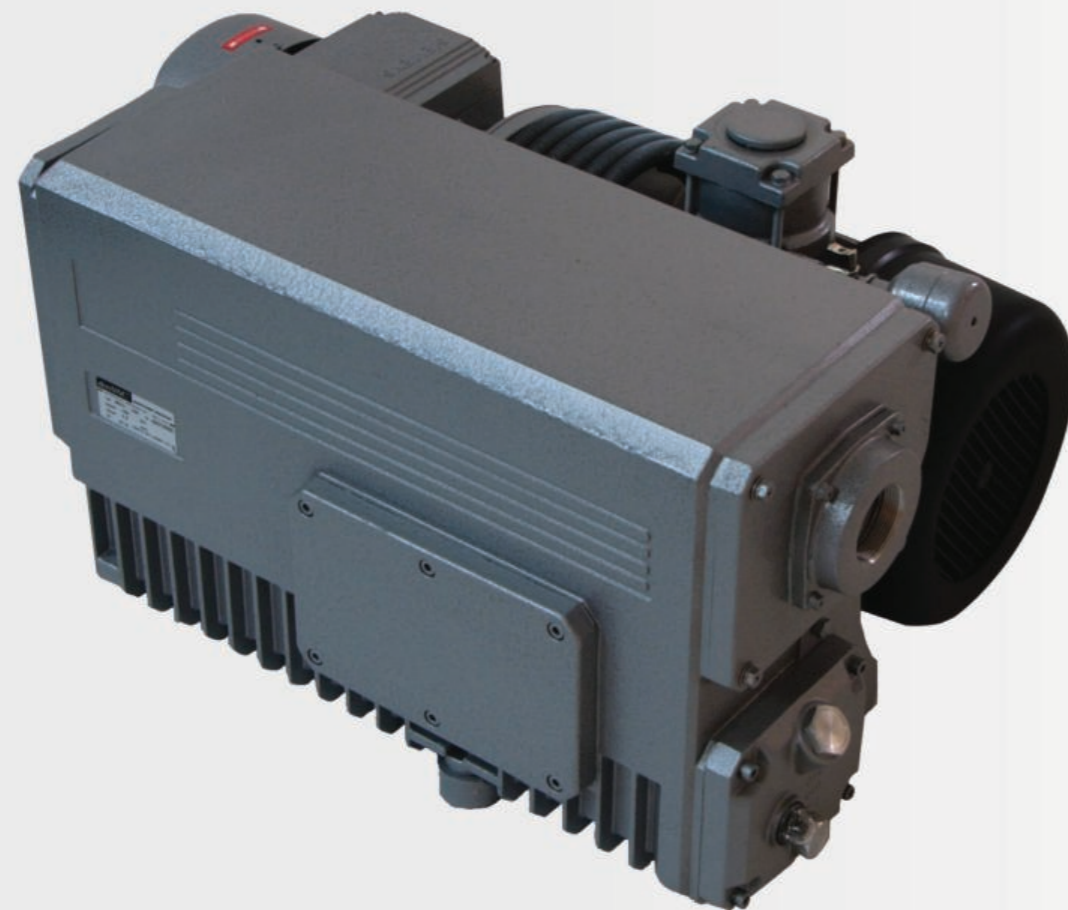


Oil Circulated

Rotary Vane Vacuum Pumps

MVO 160/200/250/300160 / 200 / 250 / 300 m³/hr (50Hz)192 / 240 / 300 / 360 m³/hr (60Hz)

0.5/20 mbar



MVO 160

- **Reliability**

High quality material, quality control according to ISO9001, CE, mark authentication standard, automated machining facility, computer control process, etc. Guarantee standardized and accurate product manufacturing. Where operation of vacuum pump stops during vacuum work in direct coupling operation method of flange type. Check valve is installed at the suction hole in order to prevent revers-flow.

- **Environmentally safe**

Air cooling, internal oil re-circulation, integral oil mist separator for oil-free exhaust air, low vibration and low noise level allows this pump to be used in any environment.

- **Easy to service**

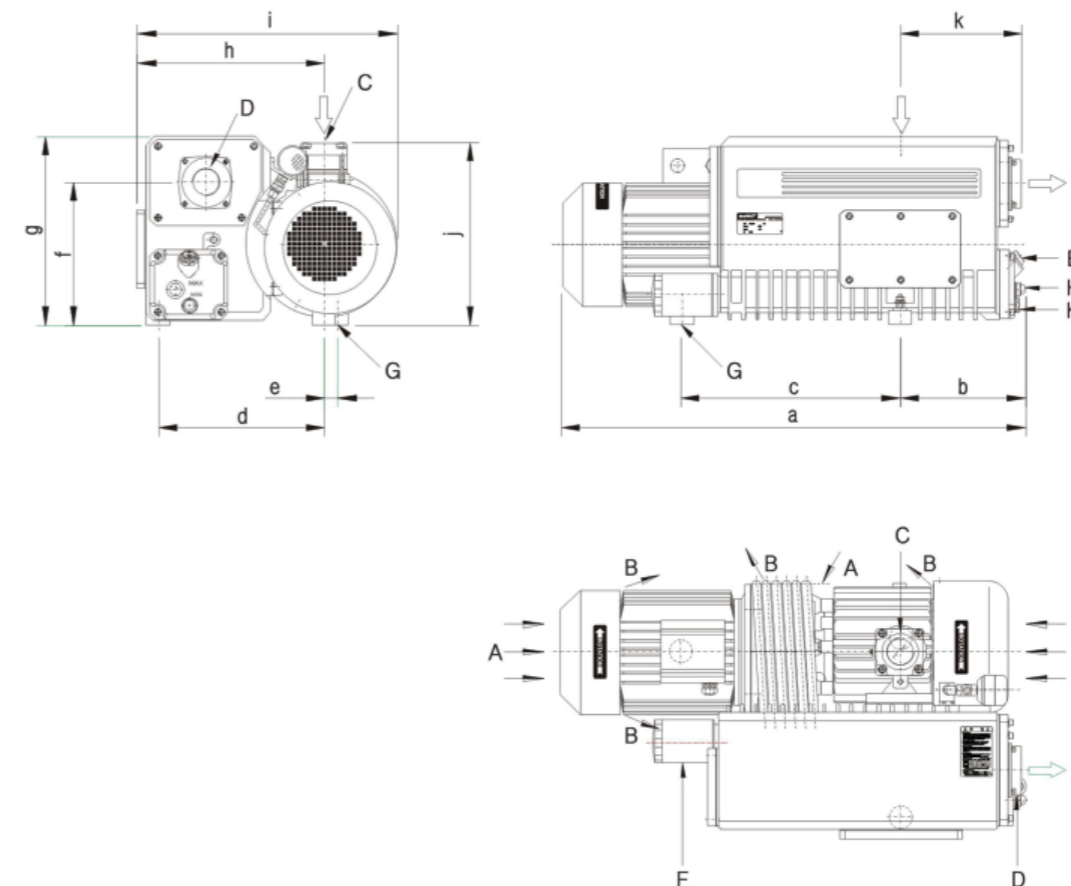
Compact design, air-cooling and easy access allows rapid and simple servicing with long periods between services. It is unnecessary to do in the same way for replacing other consumables when oil change is needed. This pump is coupling direct type for used flange motor for international specification. Easy maintenance caused by reduced weight & electric consumption.

- **Miniaturization**

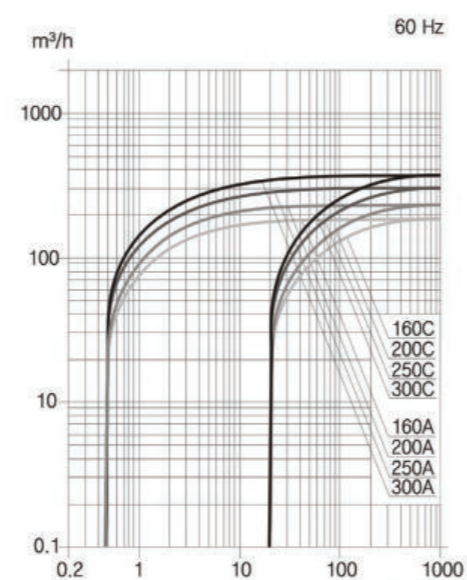
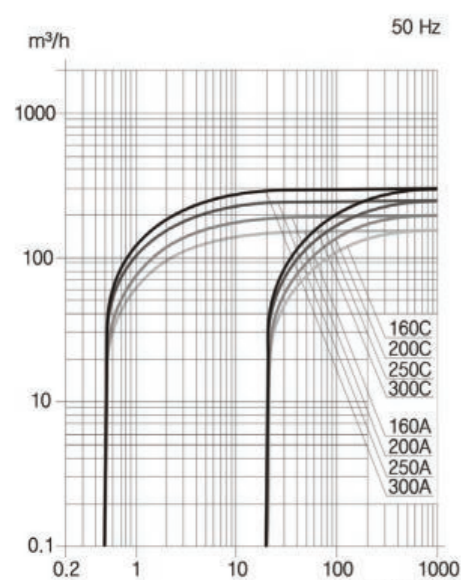
This type of vacuum pump uses oil for lubrication of rotary part and maintenance of vacuum may be obtained in order to be use for various applications. Vacuum packing machine, Food packing, Laboratory, Medical instrument, Vacuum molding, Vacuum dryer, Vacuum consolidate.

Rotary Vane Vacuum Pumps MVO 160/200/250/300

Technical Data		MVO-160	MVO-200	MVO-250	MVO-300
Nominal displacement	50Hz m ³ /h	160	200	250	300
	60Hz m ³ /h	190	240	300	360
Ultimate pressure	A mbar	0.5	0.5	0.5	0.5
	C mbar	20	20	20	20
Motor version(3~)	50Hz V	230/400	230/400	230/400	230/400
	60Hz V	220/380	220/380	220/380	220/380
Motor version(1~)	50Hz V	-	-	-	-
	60Hz V	-	-	-	-
Nominal motor rating	50Hz kW	5.5	5.5	7.5	7.5
	60Hz kW	5.5	5.5	7.5	7.5
Nominal motor speed	50Hz min ⁻¹	1455	1455	1455	1455
	60Hz min ⁻¹	1755	1755	1755	1755
Sound level	50Hz dB(A)	70	72	72	74
	60Hz dB(A)	72	74	74	76
Water vapour tolerance max	mbar	40	40	40	40
Water vapour capacity	ℓ/h	7.6	9.6	12	14
Operating temperature (Ambient)	°C	80	80	85	85
Oil filling	liter	7	7	7	7
Weight approx	50Hz kg	174	185	202	218
	60Hz kg				



A	Cooling air entry	
A	Cooling air exit	
B	Inlet flange	PT 2" / NPT 2"
C	Exhaust port	PT 2" / NPT 2"
D	Oil filling plug	
E	Oil filter	
F	Rubber foot	3-M10 (DP 7)
G	Oil sight glass	
H	Oil drain cap	



Model	a	b	c	d	e	f	g	h	i	j	k	l
MVO-160	916	286	410	365	29	325	429	411	570	416	286	
MVO-200	916	286	410	365	29	325	429	411	570	416	286	
MVO-250	1030	286	504	365	29	325	429	411	570	416	286	
MVO-300	1178	333	485	365	31	339	490	432	605	431	333	