

SV (XD) series rotary vacuum pump

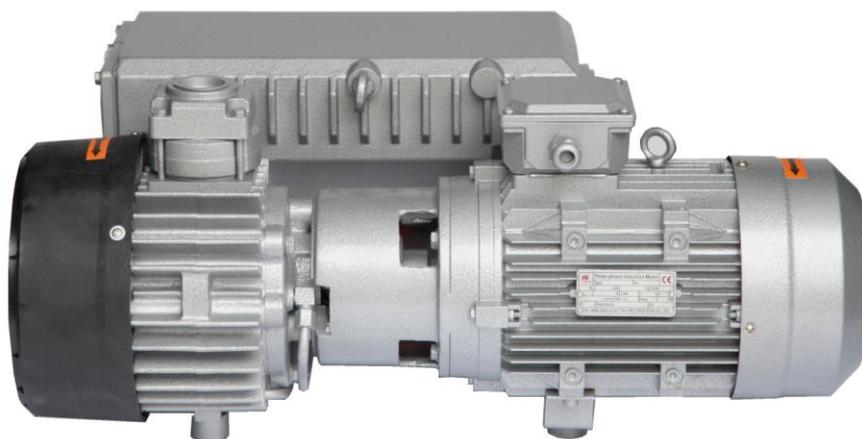
SV (XD) single stage rotary vane vacuum pumps combining with many years of experience in vacuum engineering and the latest international vacuum technology developed to meet requirements of both the industry and the environment. They are being used in all areas of vacuum engineering. They are equally suited for both industrial production and research applications. They may be used to generate a rough and medium vacuum or as backing pumps in pump combinations with Roots pumps or high vacuum pumps. The comprehensive range (pumping speeds ranging from 8 to 750 m³ / h) allows every customer to select the right pump for his particular needs.

Advantage:

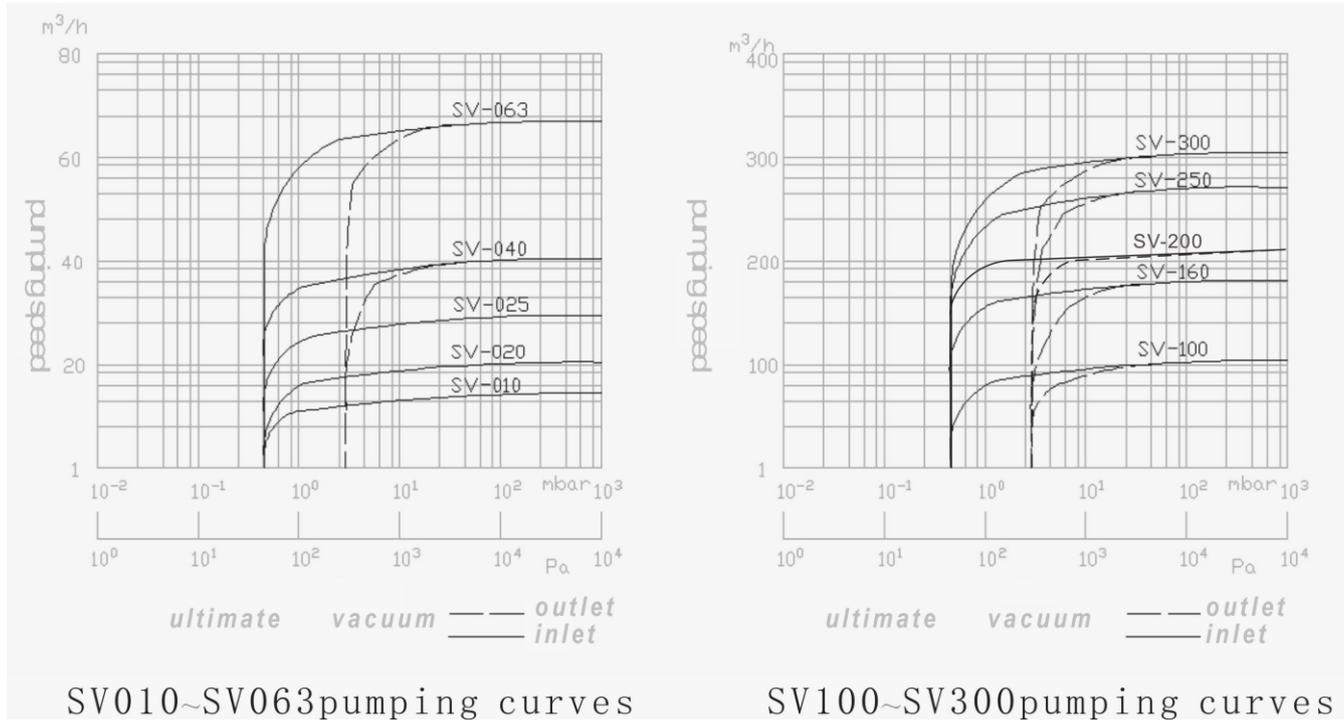
1. Environmental—clean exhaust, no pollution
2. High vacuum, strong pumping
3. Adopt German technology, Advanced processing technology. It can replace the vacuum pump like U4,R5
4. Equipped with check valve and oil anti-suckback device (Inlet with check valve to prevent vacuum oil back into the system; No oil loss owing to the integrated oil return line)
5. Continues working for more than 3,000 hours in free of trouble.
6. Efficient Air cooling (standard)
7. Low space requirement, easy to install; Maintenance-friendly; Compact design.
8. The built-in exhaust filter ensures an oil-mist free exhaust gas over the entire range of operating pressures from atmospheric pressure to ultimate pressure.

Application:

Food industry , Vacuum packaging, Material drying, Car industry , Furnaces and plants , chemical, Laser technology , Medicinal technology , Metallurgy , Power engineering , Space simulation , Vacuum coating , vacuum loading, electronics, semiconductor, scientific research.



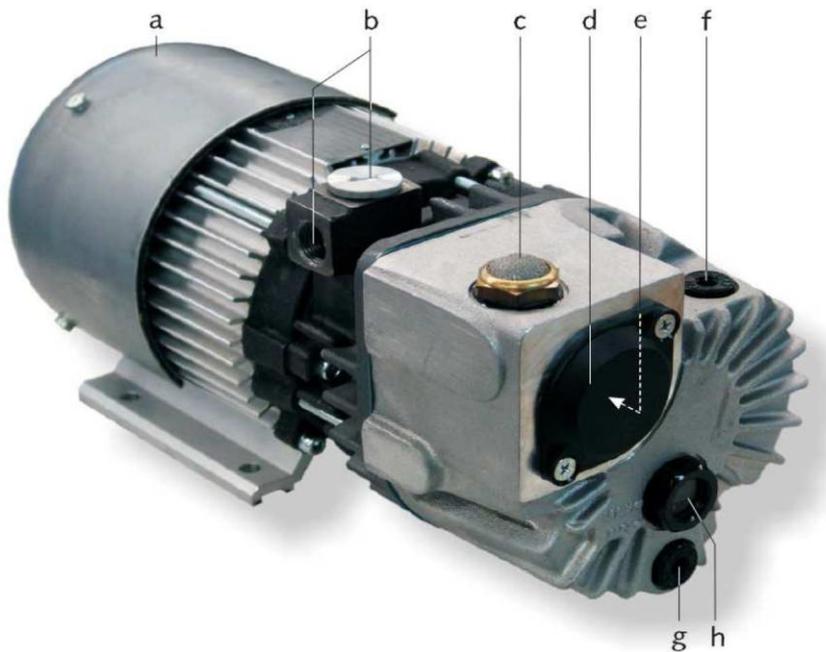
PERFORMANCE CURVE



Technical Data Sheet:

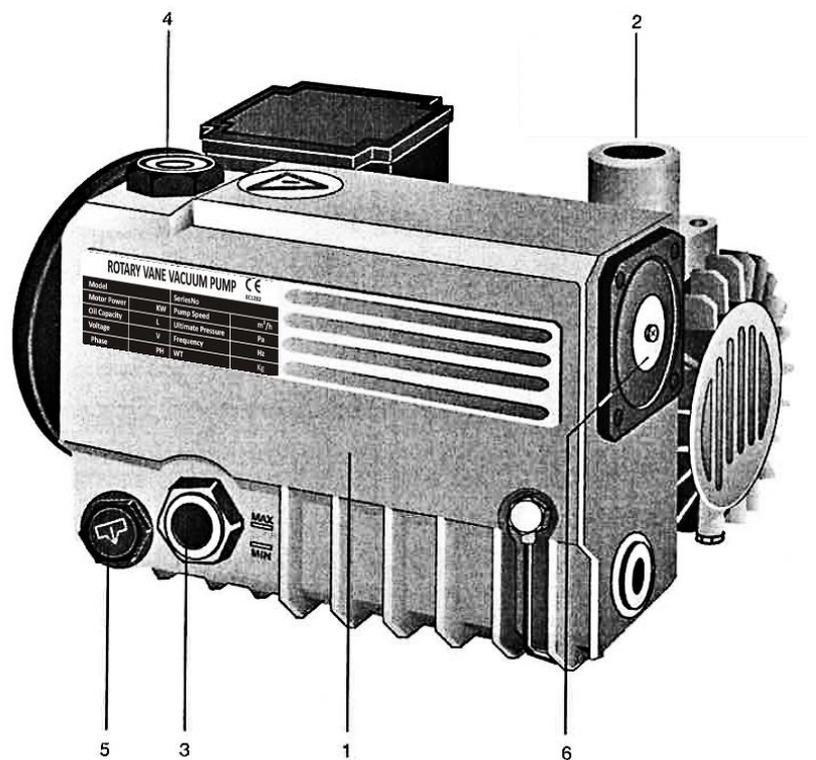
Model	Pump speed (m3/h)		Ultimate vacuum (Pa)	Motor Power (KW)	Inlet Diam (inch)	Rotary speed (rpm)	Oil Capacity (L)	G.W (kg)	Noise dB (A)	Dimensions (mm)
	50HZ	60HZ								
SV-008	8	9.6	150	0.55(1ph) 0.37(3ph)	G3/8	2800	0.25	11	60	330*165*152
SV-010	10	12	150	0.55(3ph) 0.75(1ph)	G1/2	2800	0.3	18	69	340*210*205
SV-016	16	19.2	150	0.55(3ph) 0.75(1ph)	G1/2	2800	0.3	18	69	340*210*205
SV-020N	20	24	150	0.75(3ph) 0.90(1ph)	G1/2	2800	0.4	20	64	340*225*205
SV-020	20	24	150	0.75(3ph) 0.90(1ph)	G1/2	2800	0.4	25	64	405*253*210
SV-025	25	30	150	0.75(3ph) 0.90(1ph)	G3/4	2800	0.5	25	64	405*253*210
SV-040N	40	48	50	1.5	G1 1/4	1400	1.0	45	67	520*300*270
SV-040	40	48	50	1.5	G1 1/4	1400	1.0	48	67	660*300*270
SV-63N	63	75	50	2.2	G1 1/4	1400	2.0	55	68	520*320*270
SV-063	63	75	50	2.2	G1 1/4	1400	2.0	75	68	695*420*295
SV-100	100	120	50	3.0	G1 1/4	1400	2.0	77	72	735*420*295
SV-150	150	186	50	4.0	G2	1400	3.5	110	74	765*470*340
SV-160	160	192	50	4.0	G2	1400	4.5	152	74	805*520*410
SV-200	200	240	50	5.5	G2	1400	4.5	159	76	825*520*410
SV-250	250	300	50	5.5	G2	1400	7.0	230	76	1000*550*410
SV-300	300	360	50	7.5	G2"	1400	7.0	236	76	1200*550*410
SV-630	630	750	50	18.5	G3	1000	15	619	79	1785*850*730

Rotary vane vacuum pump

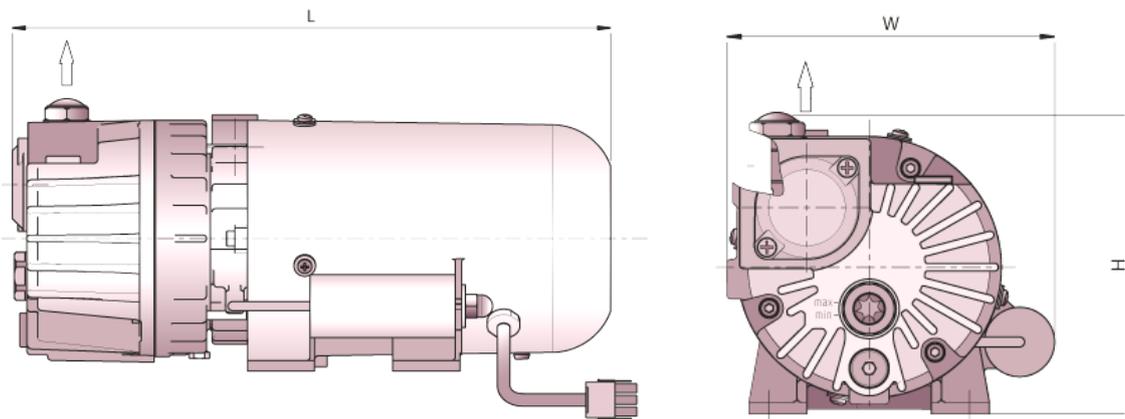


- a Directional arrow
- b Suction connections with non-return valve
- c Gas discharge
- d Lid over exhaust
- e Exhaust filter
- f Oil fill plug
- g Oil drain plug
- h Oil sight glass

ITEM	PART
1	Oil Separator
2	Inlet Flange
3	Oil sight glass
4	Oil Fill Plug
5	Oil drain Plug
6	Exhaust Cover

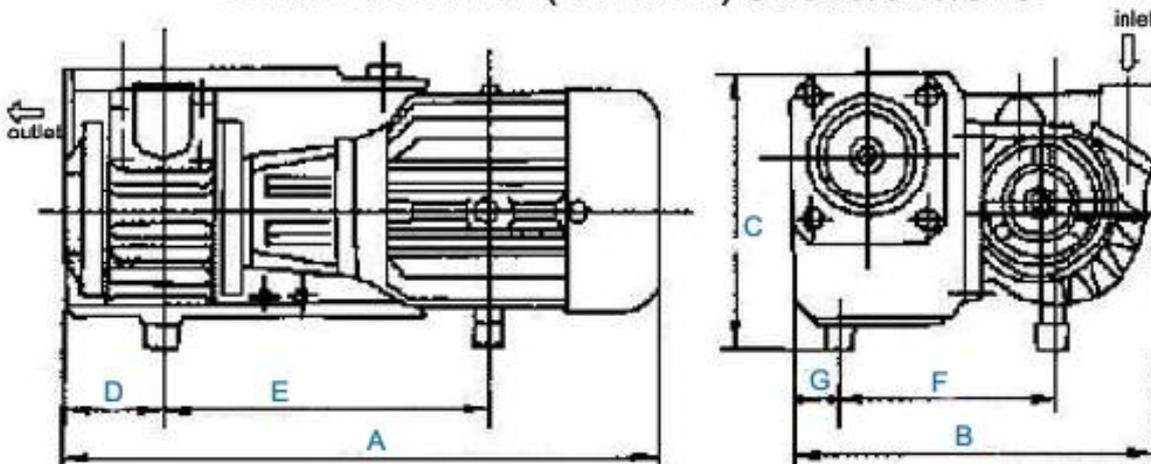


SV008-025 DIMENSIONS(Unit: mm)



Model	L	W	H
SV008	330	165	152

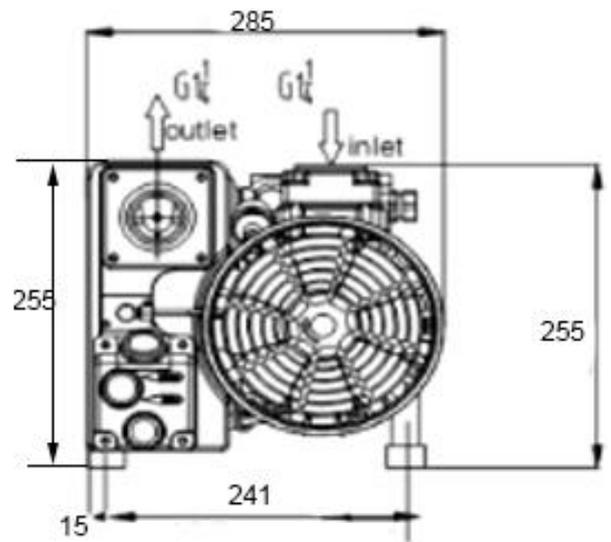
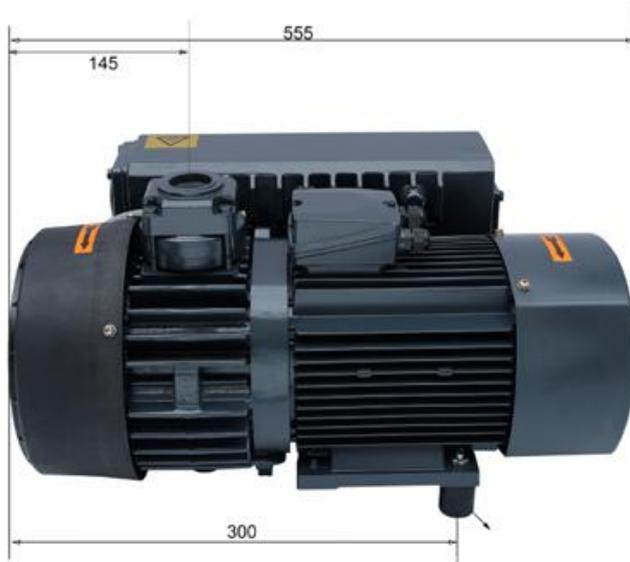
Overall dimension(Unit:mm) SV010/020/025



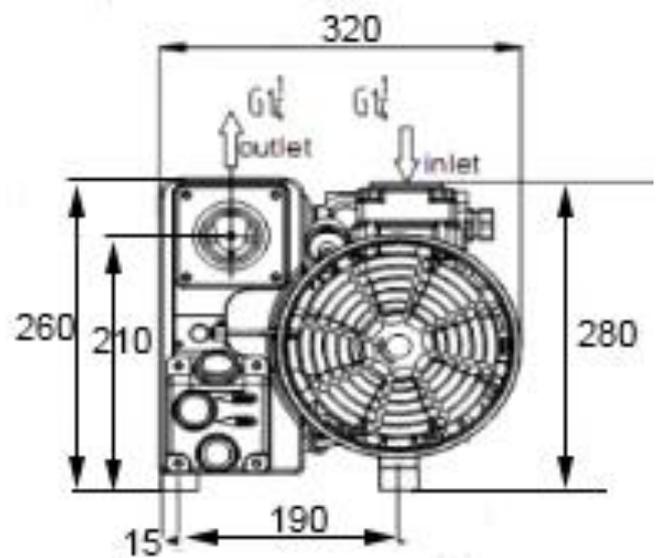
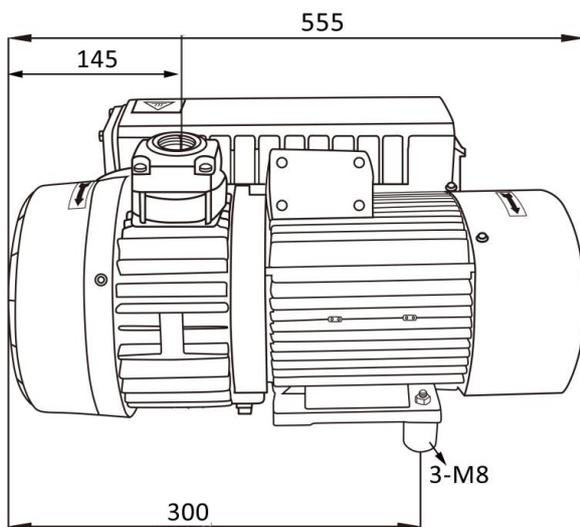
Model	A	B	C	D	E	F	G
SV010/016	340	210	205	150	100	128	90
SV020N	340	225	205	150	100	128	90
SV020 short oil tank	405	235	210	60	210	130	25
SV020 long oil tank /SV025	475	235	210	110	210	130	25

Rotary vane vacuum pump

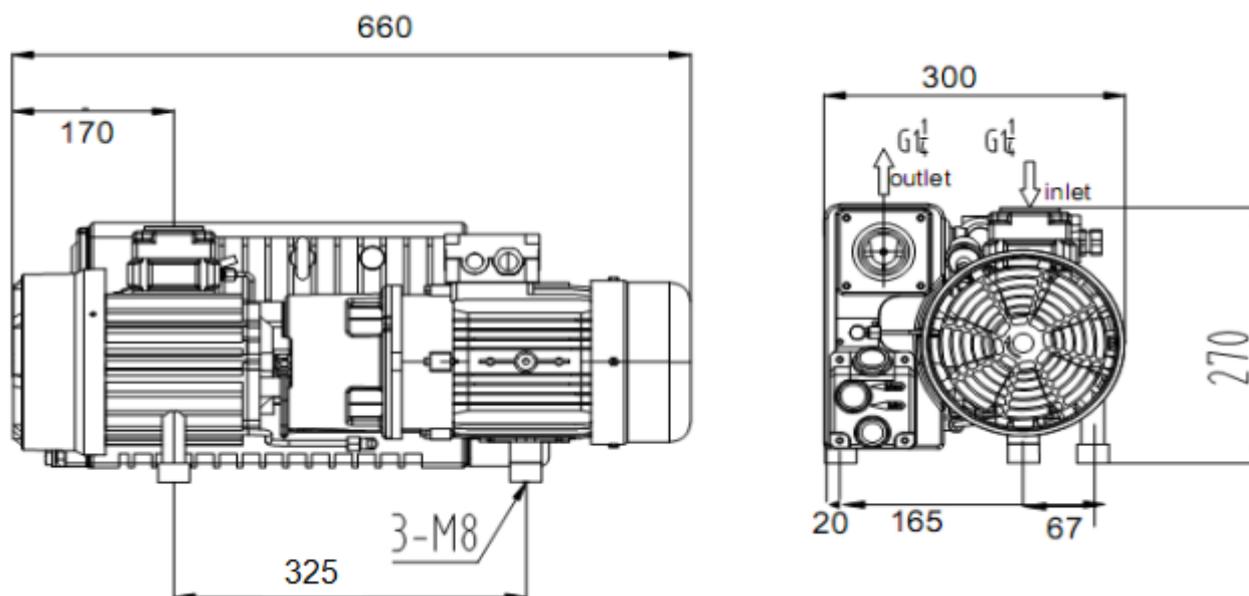
SV040N Overall dimensions (Unit: mm)



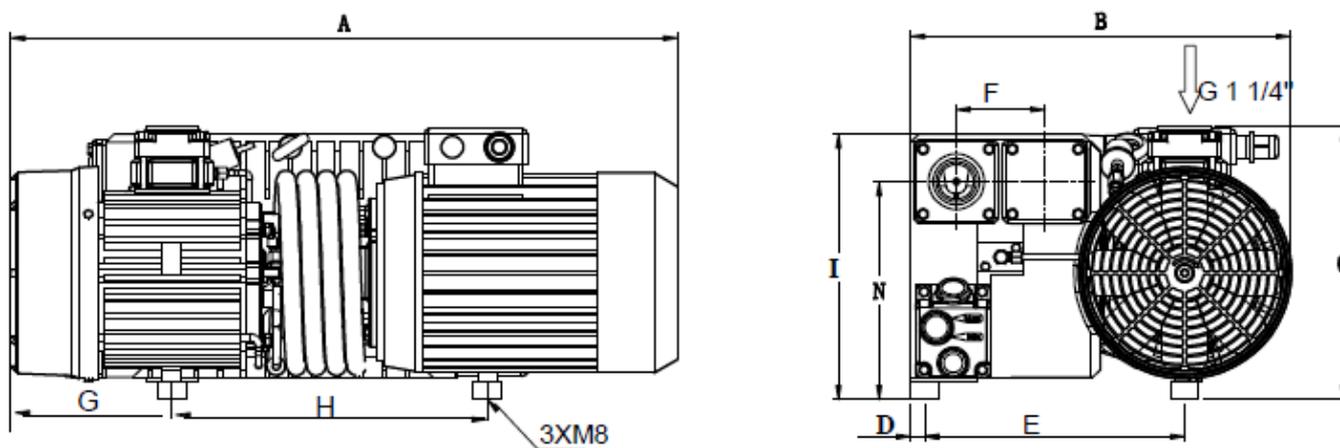
SV063N Overall dimensions (Unit: mm)



SV040 Overall dimensions (Unit: mm)

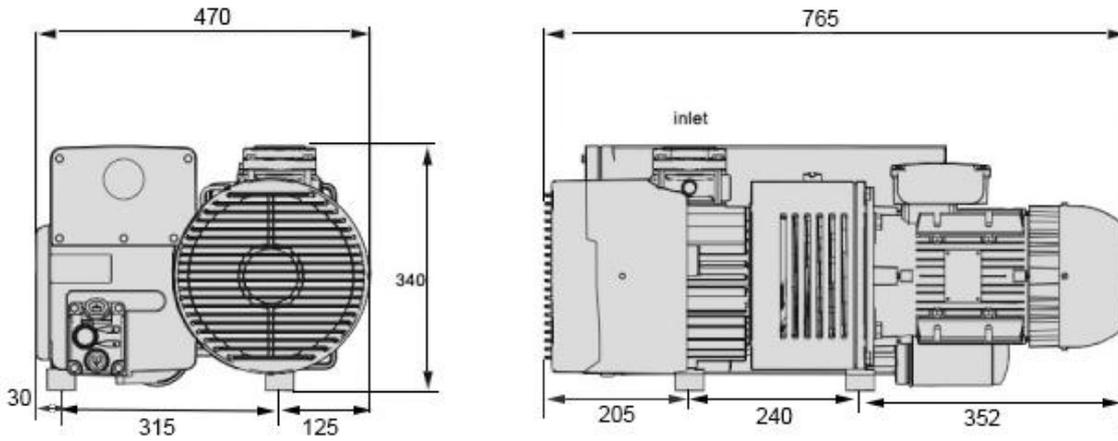


SV0 63-100 Overall dimensions (Unit: mm)

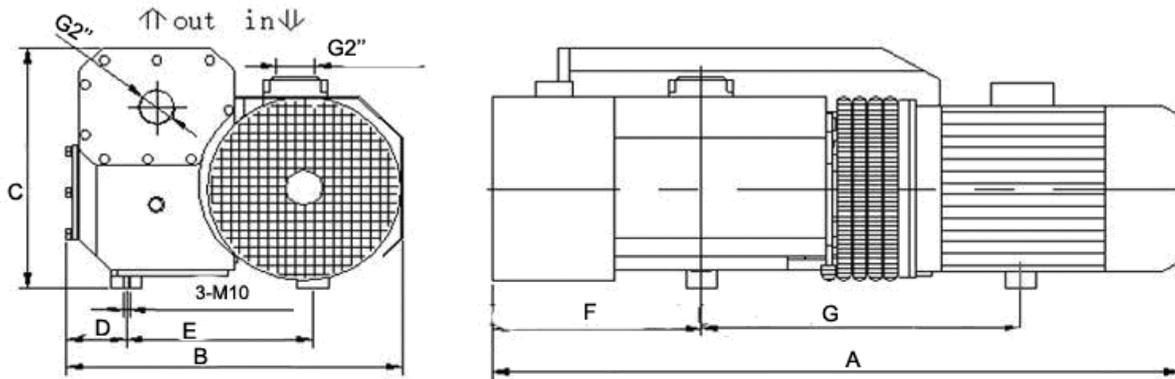


TYPE	A	B	C	D	E	F	G	H	I
SV063	695	420	295	20	285	93	165	297	285
SV100	735	420	295	20	285	93	185	317	285

SV0 150 Overall dimensions (Unit: mm)

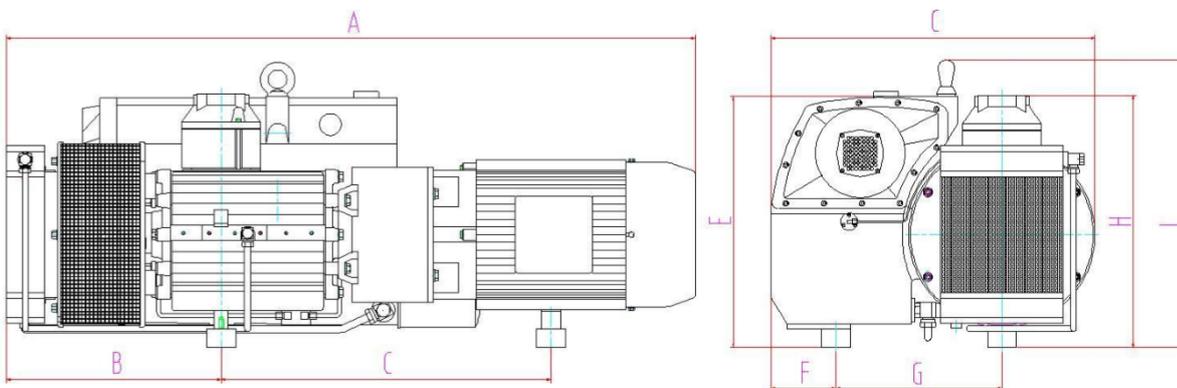


SV160-300 Overall dimensions(Unit: mm)



TYPE	A	B	C	D	E	F	G
SV160	805	520	410	40	290	180	255
SV 200	825	520	410	40	290	180	255
SV 250	1000	550	410	40	350	260	285
SV 300	1005	550	410	40	350	260	285

SV630 Overall dimensions(Unit: mm)



TYPE	A	B	C	D	E	F	G	H	I
SV630	1785	550	850	840	640	170	440	655	730