



VAKUUM BOHEMIA s.r.o.

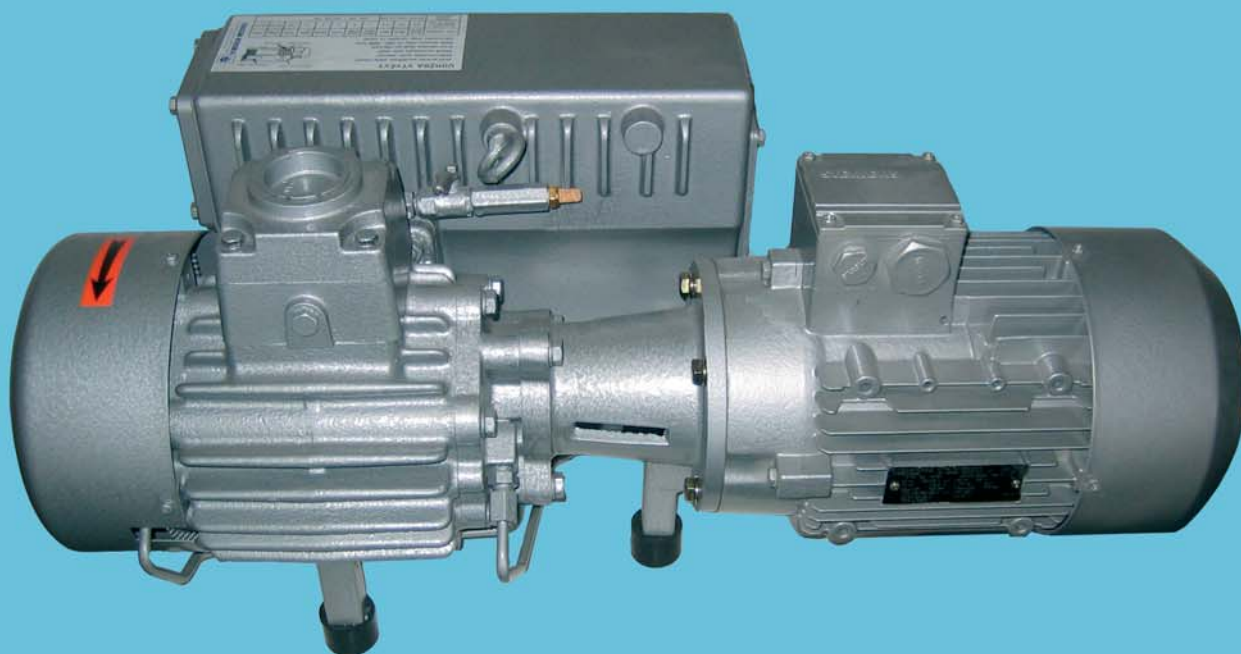
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ISO 9001:2001



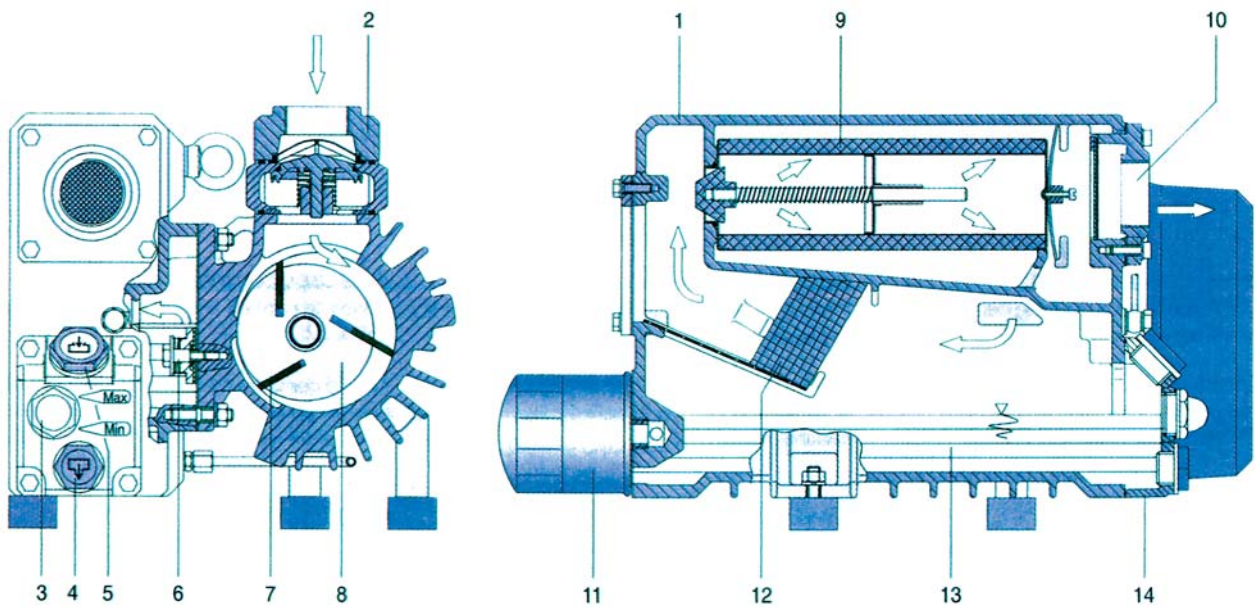
LINE ORFE



ROTARY VANE VACUUM PUMPS



THE ROTARY VANE PRINCIPLE



Rotary Vane Vacuum Pump

- Ideal for middle vacuum applications
- Low energy consumption
- Pump is designed for easy maintenance
- Advanced filtration system ensures low leakage of lubricant oil
- Cooled by natural air
- Quiet and non-vibrating rotation

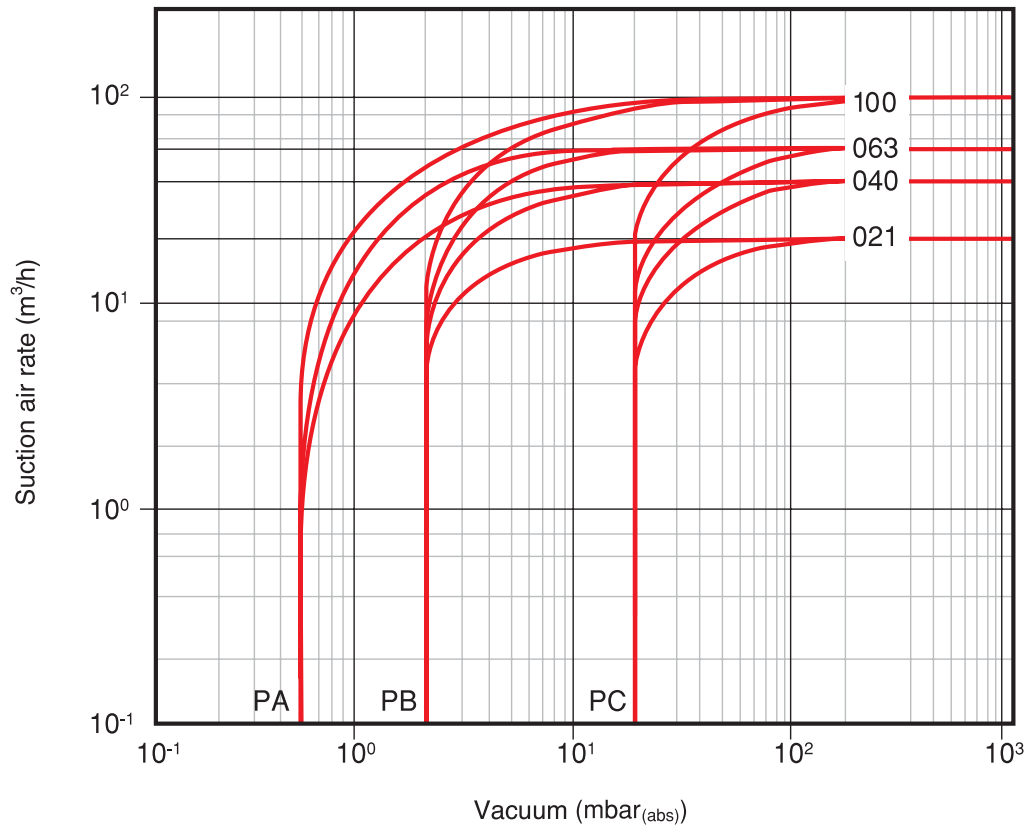
Legend:

- 1 Oil mist eliminators
- 2 Inlet flange
- 3 Oil sight glass
- 4 Oil drain plug
- 5 Oil fill plug
- 6 Exhaust valve
- 7 Vane
- 8 Rotor
- 9 Exhaust filter
- 10 Exhaust cover plate
- 11 Oil filter
- 12 Demister
- 13 Oil sump
- 14 Service unit

Performance Table							
Model	Hz	Rated Output kW	Nominal Capacity m³/h	Noise Level dB (A)	Ultimate Pressure mbar _(abs)		
					PA	PB	PC
PA(PB,PC)0021A	50	0,75	20	72	0,5	2	20
	60	0,92	24	72			
PA(PB,PC)0040A	50	1,1	40	70			
	60	1,5	48	74			
PA(PB,PC)0063A	50	1,5	63	74			
	60	2,2	76	76			
PA(PB,PC)0100A	50	3,0	100	74			
	60	3,45	120	76			

TECHNICAL SPECIFICATION

Performance Chart 50 Hz



Common Applications

- Packaging
- Chemical and pharmaceutical industry
- Drying and impregnation
- Printing and paper
- Ceramics and brick industry
- Absorption and de-gassing
- Electrical engineering
- Transportation and lifting systems
- Wood industry
- Pneumatic conveying
- Central vacuum systems

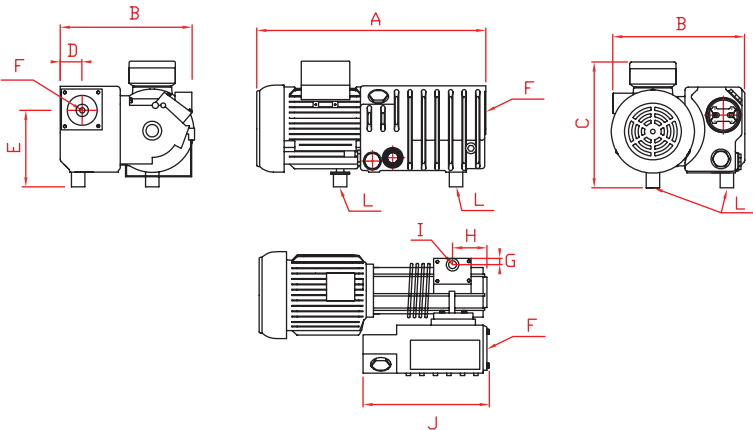
Operating Environment

- Ambient temperature: 0 ~ 40°C
- Air temperature at the inlet: 0 ~ +40°C
- Altitude above sea level: 800 m (max.)
- Relative humidity: 80% (max.)

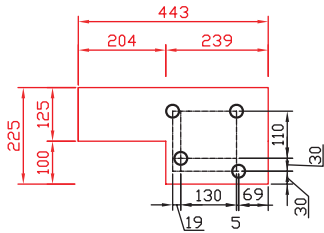


DIMENSIONS

Model PA0021A



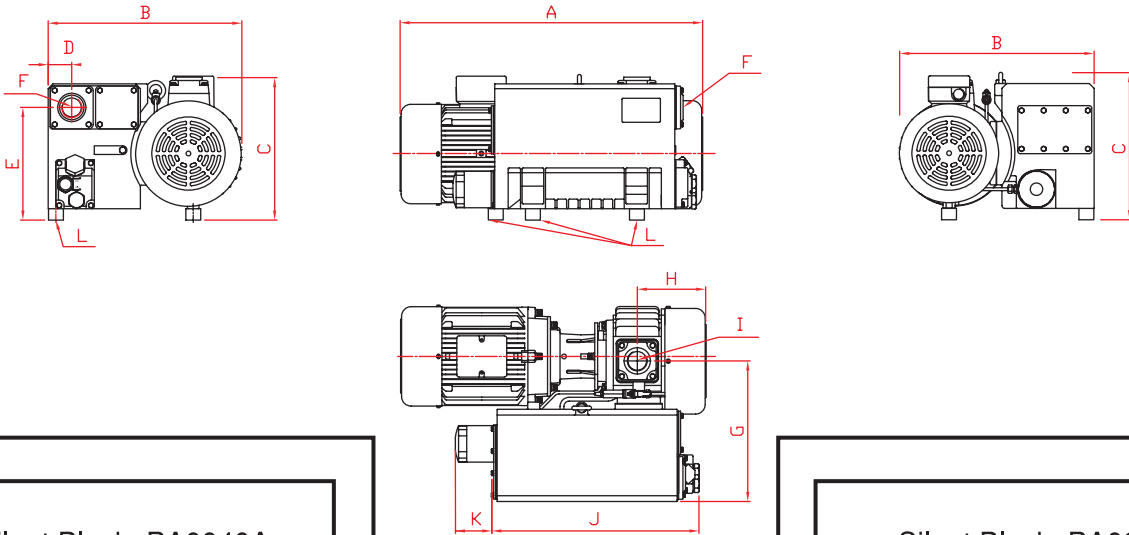
Silent Block PA0021A



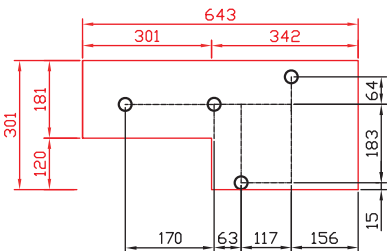
Dimensions (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L
PA0021A	443	225	247	42	140	G 3/4	65	158	G 3/4	239	N/A	M8
PA0040A	643	301	278	53	214	G 5/4	205	158	G 5/4	340	85	M8
PA0063A	650	411	298	174	237	G 5/4	296	139	G 5/4	420	85	M8
PA0100A	706	406	325	49	235	G 5/4	302	169	G 5/4	N/A	85	M8

Models PA0063A, PA0040A & PA0100A



Silent Block PA0040A



Silent Block PA0063A

