

# VT4.10-4.40 Series

## 100% OIL-LESS VACUUM PUMPS

The Becker VT4.10-4.40 series pumps are 100% oil-less rotary vane vacuum pumps. They are designed to operate on a continuous basis at any point from atmospheric pressure to a vacuum level of 25" HgV.

The VT series pumps are direct drive units and are supplied with an IP-54 TEFC electric motor. Each pump is equipped with an integral vacuum relief valve, a 10 $\mu$  inlet filter, and vibration isolators as standard equipment.

Becker VT series pumps have been designed for being exceptionally quiet. The pumps are newly redesigned to make them even quieter, and cooler running than previous units. If you are

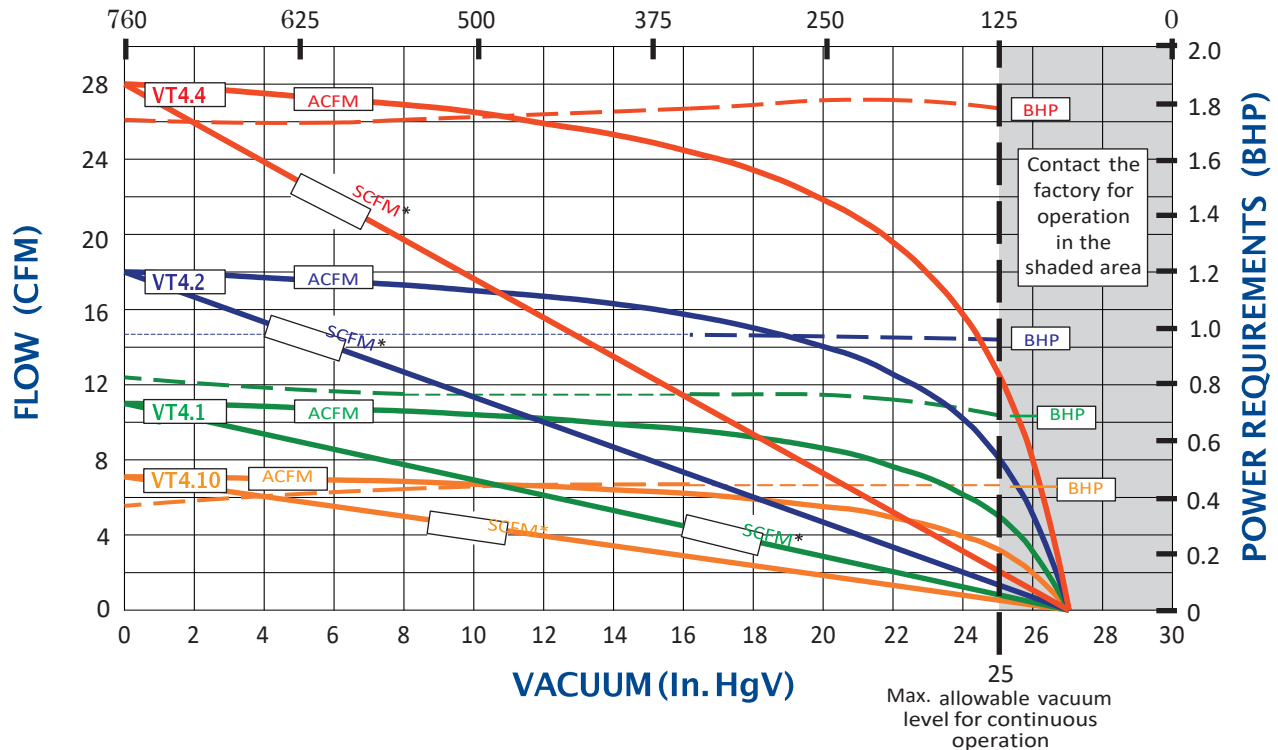
an OEM, their styling will never cause embarrassment when included with your product.

These 100% oil-less, or dry, pumps are ideal for where oil or water is objectionable. Becker VT pumps use long-life, self-lubricating graphite composite vanes. Applications include the graphic arts, packaging, vacuum chucking, robotics and material handling, medical/surgical, and air sampling, among others.

These pumps are also available in various central vacuum system configurations. Pressure and combined pressure/vacuum pumps are available.



### ABSOLUTE PRESSURE (TORR)



#### САНКТ-ПЕТЕРБУРГ

188508, тер. Южная часть производственной зоны Горелово, ул. Понссе, д. 18  
 8(800)775-49-61  
[www.megatechnika.ru](http://www.megatechnika.ru)

#### МОСКВА

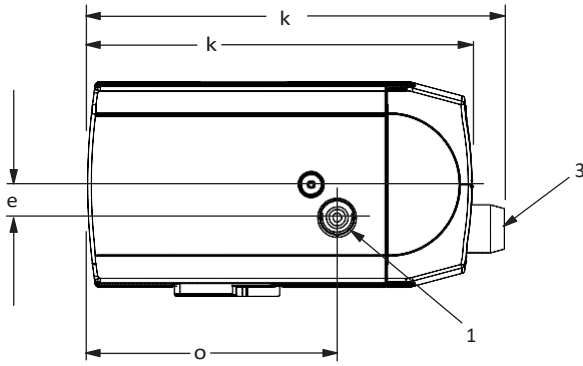
111395, ул. Юности, д.5, стр.4  
 8(800)100-78-28  
[www.megatechnika.com](http://www.megatechnika.com)

#### УФА

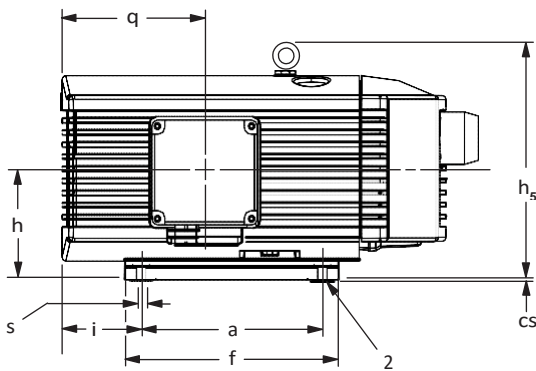
450001, ул. Комсомольская, д. 2  
 8(347)246-63-16  
[ufa@megatechnika.ru](mailto:ufa@megatechnika.ru)

#### СЕРВИС

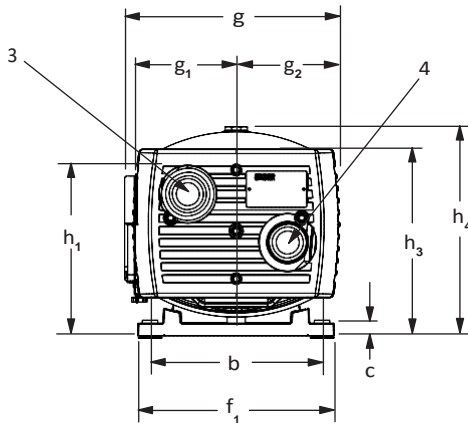
8-800-100-77-83  
 Звонок по России бесплатный



**Top View**



**Side View**



**End View (Opposite Motor End)**

All data based on 60 Hz operation

	V14.10	V14.16	V14.25	V14.40	
Flow(SCFM @ 0 in. Hg)	7.1	11	18	28	
Horsepower	0.6	0.94	1.2	2	
Speed (RPM)	1740	1740	1740	1740	
Max. Cont. Vacuum (in. HgV)	25	25	25	25	
Weight (lbs.)—w/ motor*	35.2	50	57.2	84.7	
Noise Level (Max. dBA)	62	64	67	72	
Inlet size(BSP, inches)	1/2	1/2	3/4	3/4	
<b>Dimensional Data</b>	(Inches)				
	a	6.3	7.95	8.66	8.66
	b	4.41	4.92	8.19	8.19
	c	0.6	0.6	0.6	0.6
	cs	0.12	0.12	0.12	0.12
	e	1.38	1.38	1.57	1.57
	f	7.88	9.53	10.24	10.24
	f <sub>1</sub>	5.6	6.1	9.37	9.37
	g	8.11	9.1	10.23	11.03
	g <sub>1</sub>	3.54	4.03	4.92	4.92
	g <sub>2</sub>	3.54	4.03	4.92	4.92
	h	4.21	4.45	5.51	5.51
	h <sub>1</sub>	6.66	7.4	8.9	8.9
h <sub>3</sub>	6.93	7.32	8.9	8.9	
h <sub>4</sub>	7.44	8.07	9.84	9.84	
h <sub>5</sub>	7.68	8.3	11.42	11.42	
i	4.17	2.88	3.78	5.15	
k	15.25	16.38	18.31	20.95	
k <sub>1</sub>	16.9	17.8	19.89	22.53	
o	10.12	11.48	11.91	14.31	
q	4.84	5.97	6.81	7.56	
s	0.27	0.27	0.27	0.27	

\* Overall specifications for single phase units may vary. Contact factory for information. Manufacturer reserves right to alter data without notice.

- 1 - Inlet Port
- 2 - Vibration Isolator
- 3 - Vacuum Regulating Valve
- 4 - Exhaust Air Silencer

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