

20,000 Hour/3 Year Vane Life – Guaranteed!



BECKER

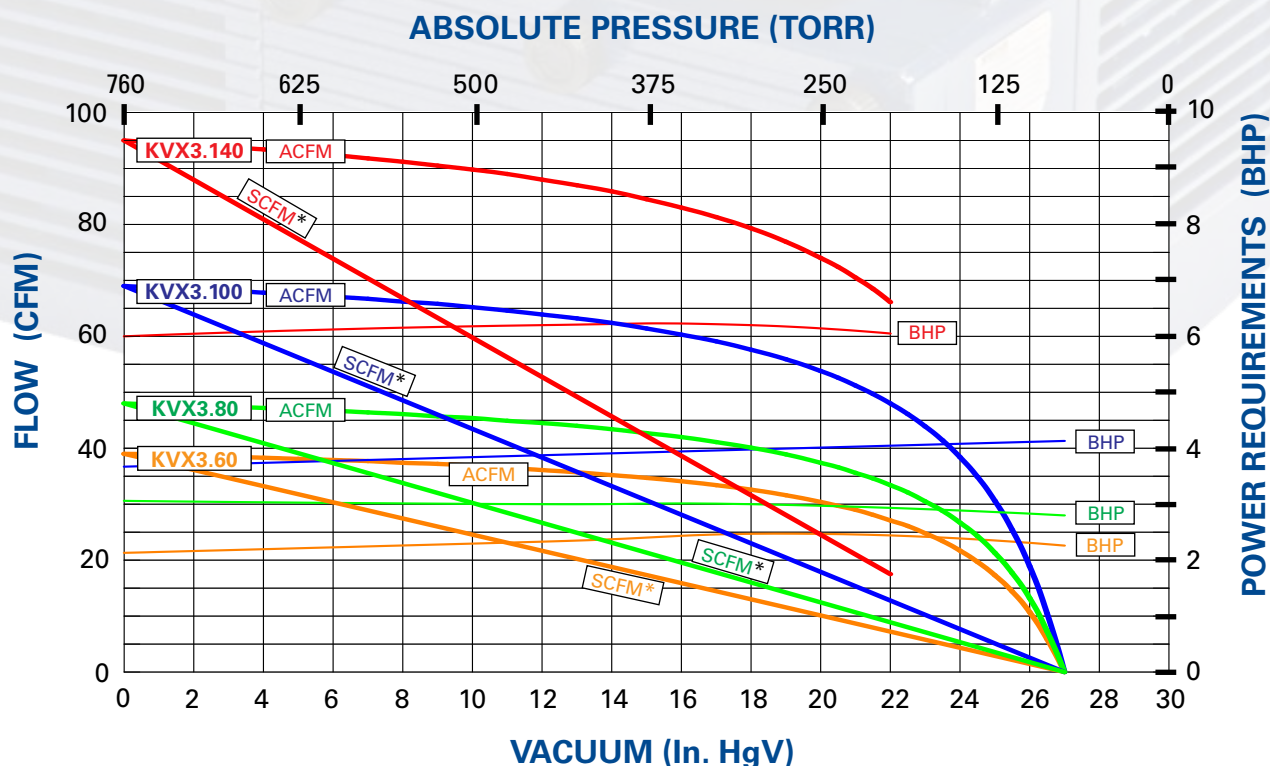
KVX 3.60 – 3.140 Series

ISO 9001 Certified
CE Compliant

100% OIL-LESS VACUUM PUMPS



- 100% Oil-less (dry operation)
- Continuous duty rated
- Operation from atmospheric pressure to maximum vacuum
- Direct drive—no belts, no gears
- Low energy consumption
- High efficiency TEFC C-face motor
- Integral vacuum regulating valve
- Integral 4-micron inlet filter
- Vibration isolators
- Exceptionally quiet
- Cool running
- **20,000 hour** graphite composite vanes



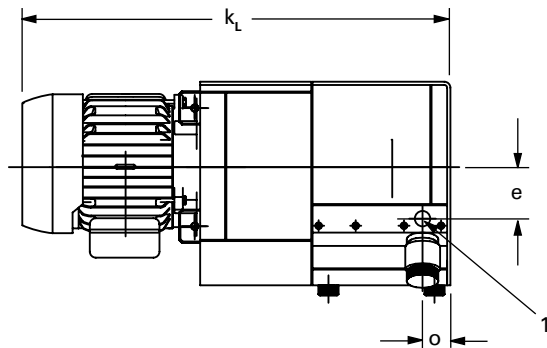
* @ 29.92" Hg Bar. Pr.; 68°F; 36% R.H.; 0.075#/ft³

Engineering Vacuum and Pressure Solutions that are Like a Breath of Fresh Air

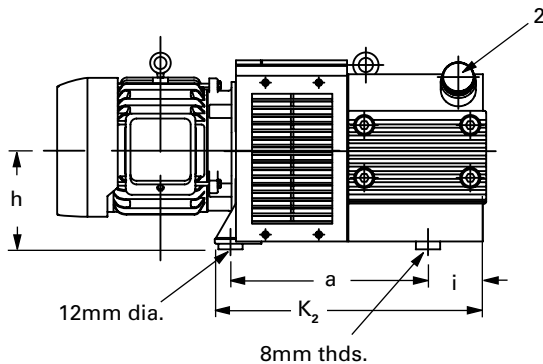
Becker Pumps Corp. • 100 East Ascot Lane • Cuyahoga Falls, Ohio 44223-3768

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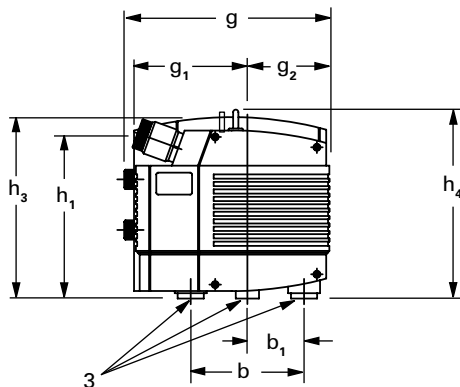
TECHNICAL DATA



Top View



Side View



End View (Opposite Motor End)



All data based on 60 Hz operation

	KVX3.60	KVX3.80	KVX3.100	KVX3.140
Flow (SCFM @ 0 in. Hg)	39	48	69	95
Horsepower	3	5	5	7½
Speed (RPM)	1740	1740	1740	1740
Max. Cont. Vacuum (in. HgV)	27	27	27	22
Weight (lbs.)—w/o motor	104	108	156	172
Weight (lbs.)—w/ motor*	151	178	230	320
Noise Level (Max. dBA)	73	75	77	79
Inlet size (BSP, inches)	1	1	1½	1½
Dimensional Data				
	(Inches)			
a	12.83	12.83	15.67	15.67
b	7.5	7.5	9.65	9.65
b ₁	3.75	3.75	4.82	4.82
e ₁	2.56	2.56	3.75	3.75
g	13.9	13.9	18.5	18.5
g ₁	7.68	7.68	8.78	8.78
g ₂	5.55	5.55	9.06	9.06
h	6.38	6.38	6.38	6.38
h ₁	11.38	11.38	11.7	11.7
h ₃	12.28	12.28	13.0	13.0
h ₄	12.9	12.9	13.25	13.25
i	3.78	3.78	5.5	5.5
k ₂	17.64	17.64	22.17	22.17
k _L	29.4	29.4	33.5	36.8
o	1.81	1.81	2.36	2.36

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

Available accessories:

External inlet filters; check valves; digital and analog vacuum gauges; motor starters; liquid traps/separators; sound enclosures. Inquire at 888-633-1083

- 1 - Inlet Port
- 2 - Vacuum Regulating Valve
- 3 - Vibration Isolator