

Tecnical data size 410-440

Model	Capacity max. m ³ /h		Vacuum mbar (abs.)		Pressure bar		Motor output max. capacity kW		Voltage 3 ~ V		Noise level by 1 m dB		Weight kg.
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	
KBV 410	10	12	150	150	-	-	0.37	0.45	△ 200-255 Y 346-440	△ 220-275 Y 380-480	58	60	21
KBP 410	10	12	-	-	+1.0	+1.0							
KBC 410	10	12	500	500	±0.5	±0.5							
KBV 416	16	19	150	150	-	-	0.55	0.7	△ 200-255 Y 346-440	△ 220-275 Y 380-460	59	61	24
KBP 416	16	19	-	-	+1.0	+1.0							
KBC 416	16	20	500	500	±0.5	±0.5							
KBV 425	25	30	120	120	-	-	0.75	0.9	△ 200-255 Y 346-440	△ 220-275 Y 380-460	60	62	32
KBP 425	25	30	-	-	+0.6	+0.6							
KBP 425K	25	30	-	-	+1.0	+1.0							
KBC 425K	25	30	400	400	±0.6	±0.6	1.1	1.3			70	70	46
KBV 440	40	48	120	120	-	-	1.25	1.5	△ 200-255 Y 346-440	△ 220-275 Y 380-460	65	68	38
KBP 440	40	48	-	-	+0.6	+0.6							
KBP 440K	40	48	-	-	+1.0	+1.0							
KBC 440K	35	43	400	400	±0.6	±0.6	1.85	2.2			70	70	52

Model KBV is for vacuum applications down to an ultimate pressure of 120/150 mbar.

Model KBP is for max. positive pressure of 1000 mbar (2000 mbar abs.)

Model KBC is a combi version for both vacuum and pressure.

KBC 425K/440K have a cooler to reduce the temperature of the exhaust air.

Operating conditions:

- Air temperature at inlet: +5°C ~ +45°C
- Altitude above sea level: 800 M (max.)
- Relative humidity: 80% (max.)

Storage:

- Store the rotary vane pump in dry surroundings
- Store in a place free of dust
- Store in a place with low vibrations (<2,8 mm/s)
- Ambient temperature: <40°C (104°F)

Motor data for vacuum pump

- EN 60034
- IP 54, 55
- Operating cycle S1
- CE and UL approvals
- Insulation class F(155°C)

Operating supply must be within 5% of rated voltage, and the frequency variance 2%

