

ROTOMIL'S K



Single stage oil sealed rotary vane pump with an end vacuum of 2 mbar and high and stable pumping speed.

- Compactness and noise level optimized for an easy integration in machines
- Available with 1-ph and 3-ph motor
- Standard built-in oil mist filter and gas ballast
- Delivered with 100% synthetic oil for heavy duty applications and long term operation
- Designed for light onsite maintenance



Technical characteristics

		K04		K09		K12	
		50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz
Nominal flow rate m ³ .h ⁻¹ *		4	4,8	8	9	12	14
With gas ballast	End vacuum mbar	2 **		2		2	
	Water vapor permitted maximum pressure mbar	N.A		N.A		35	
	Water vapor capacity kg.h ⁻¹	N.A		N.A		0.3	
	Continuous-duty working range mbar	N.A		N.A		from 400 up to 2	
100 % synthetic oil		MV99S		MV99S		MV99S	
Oil capacity l		0,065		0,25		0,3	
Noise level dB(A)		48	52	58	60	62	64

* Measurements according to PNEUROP 6002 specifications - 20 °C

* Measurements according to EN ISO 2151 - K specifications - 20 °C

** For special model with end vacuum 0,1 mbar : consult us

Versions

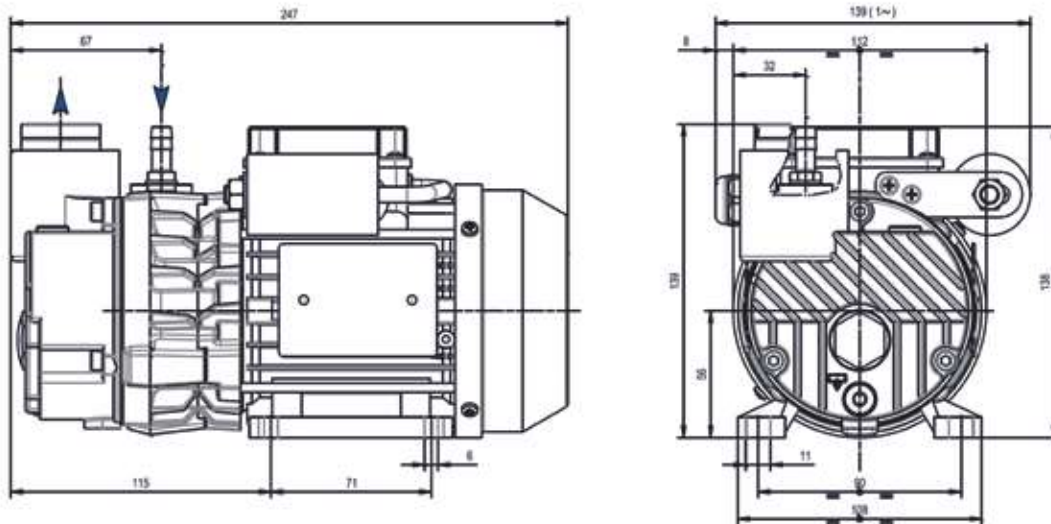
ROTOMIL'S		K04		K09		K12	
Electrical motor	Number of phases	1	3	1	3	1	3
	Voltage V	230	230 / 400	230	230 / 400	230	230 / 400
	Period Hz	50 (60)	50 (60)	50 (60)	50 (60)	50 (60)	50 (60)
	Motor power kW	0,12 (0,15)	0,12 (0,15)	0,25 (0,3)	0,3 (0,3)	0,45 (0,55)	0,37 (0,45)
	Rotation speed min ⁻¹	2800	3300	2800	3300	2800	3300
Inlet connection		G 1/8"	G 1/8"	G 3/8"	G 3/8"	G 1/2"	G 1/2"
Outlet connection		G 1/8"	G 1/8"	G 1/4"	G 1/4"	G 1/2"	G 1/2"
Weight with oil kg		5,4	5,4	10	10	14	12,5

Specifications are subject to be changed without notice.

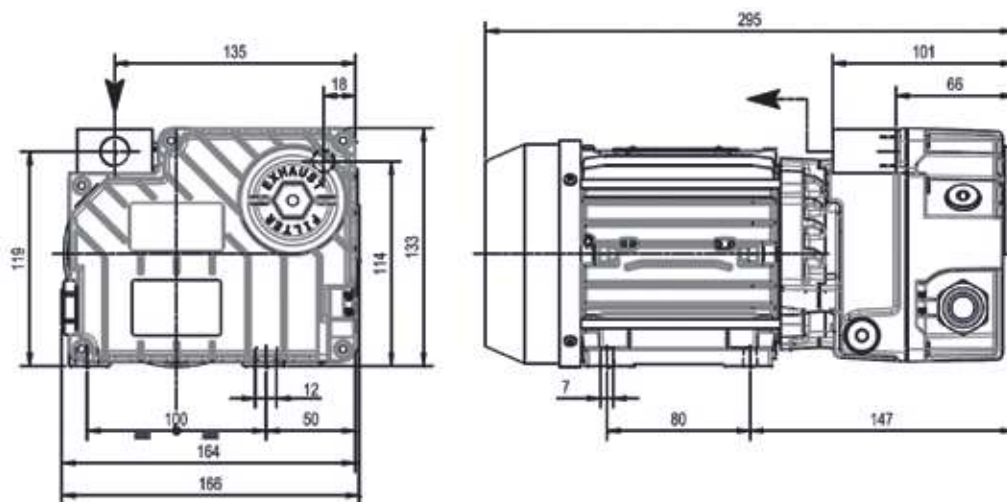
Lubricated rotary vane vacuum pumps

Dimensions mm

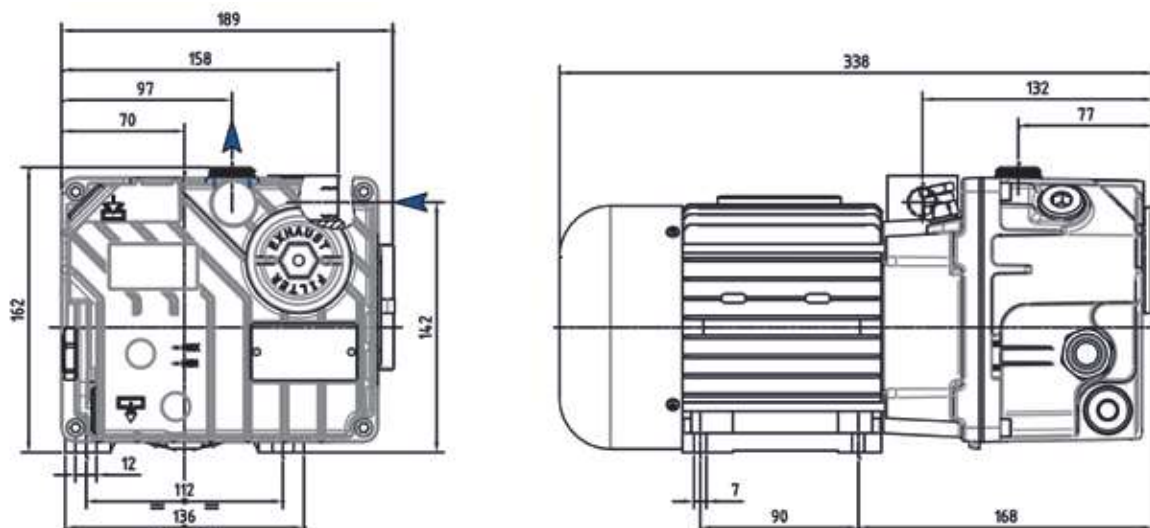
K04



K09



K12



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References

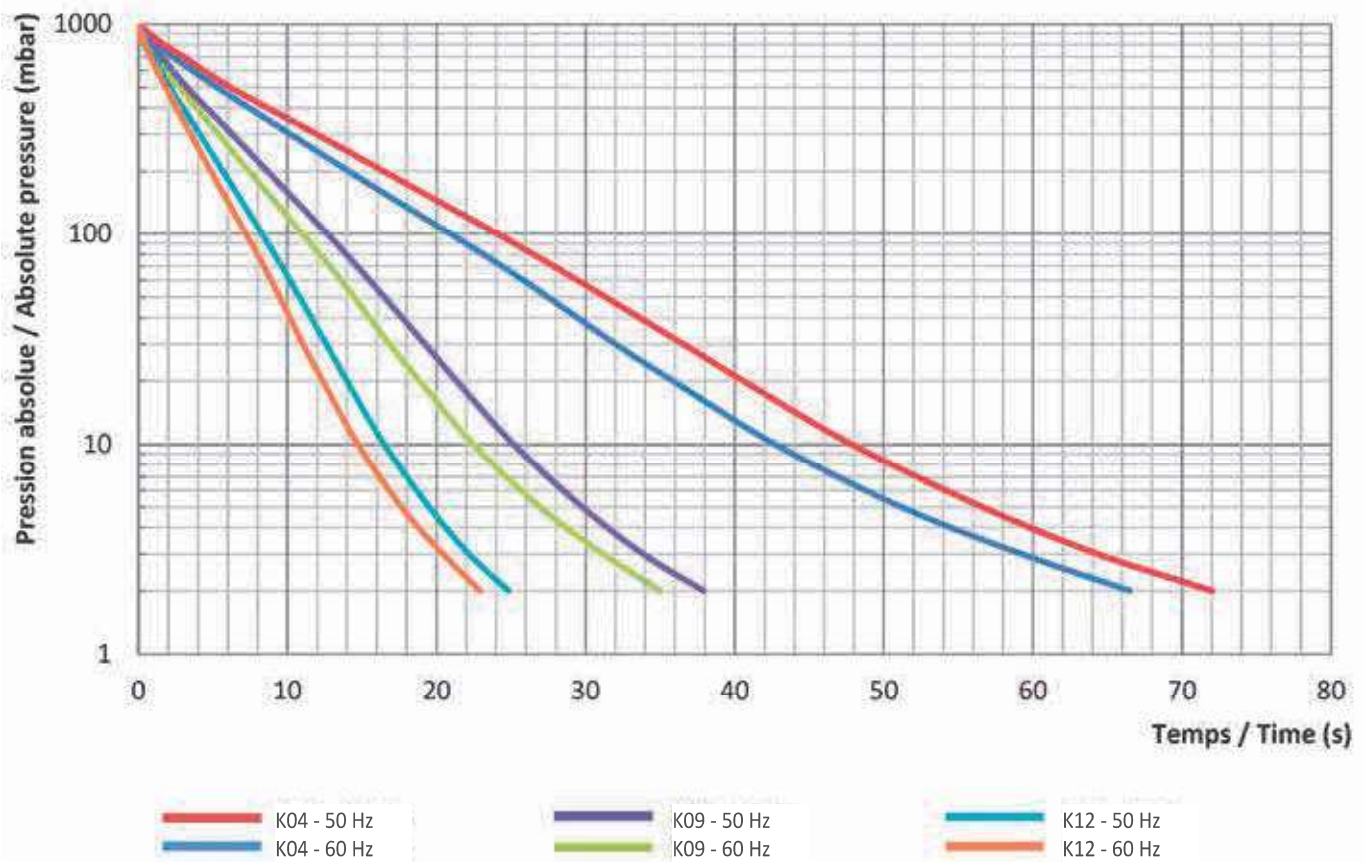
		K04	K09	K12
1-ph - 230V	50/60 Hz	824224	824519	824288
3-ph - 230 / 400V	50/60 Hz	824225	824545	824289
1-ph - 110/115V	60 Hz	-	824544	-

Accessories

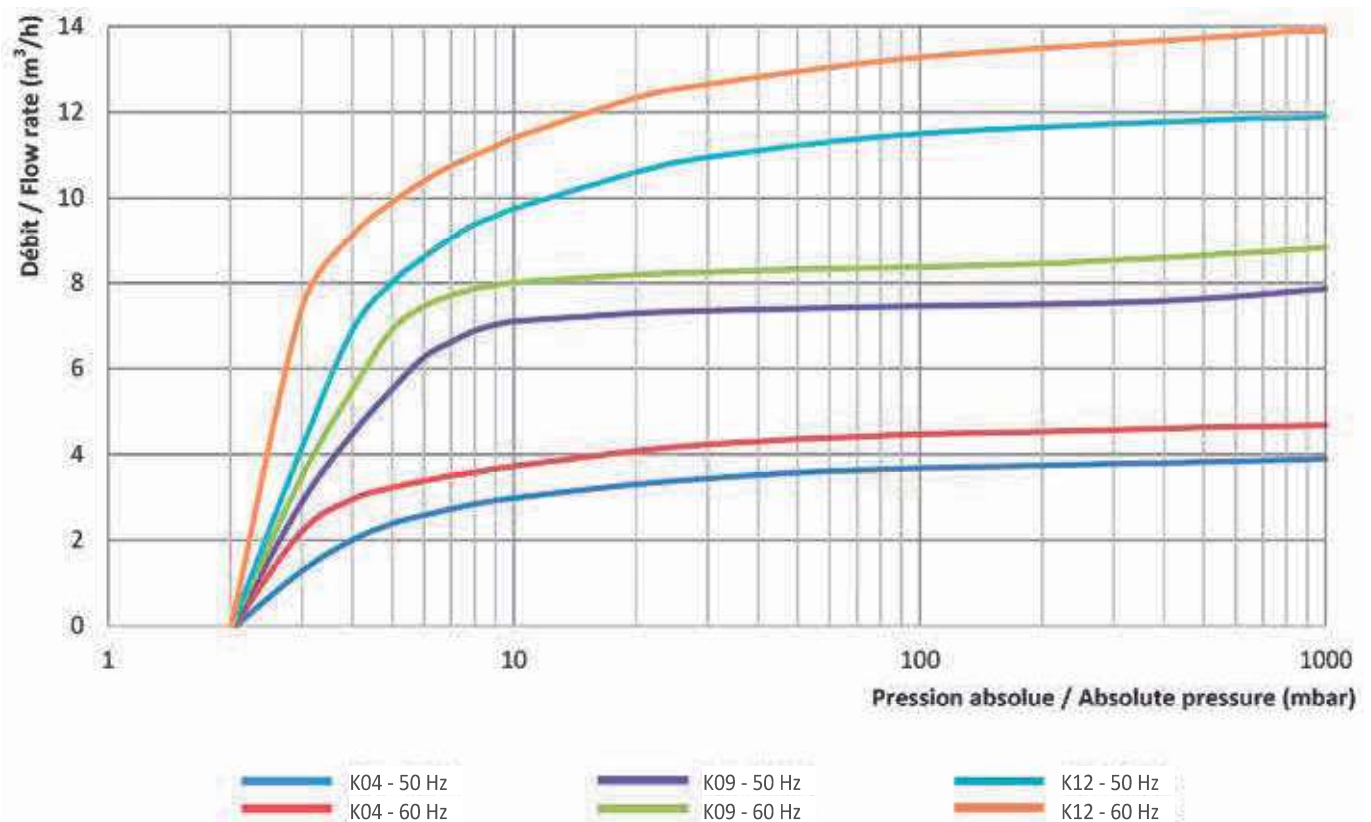
			K04	K09	K12
Inlet filter mounted (Paper cartridge)	39PA		625359	625363	625364
Inlet hose MF 1/4" (l.1000 mm)			670177	670177	670177
Inlet hose MF 1/2" (l.1000 mm)			712931	712931	712931
Inlet hose MF 3/8" (l.1000 mm)			618981	618981	618981
Direct starter	without regulation	1-ph, 230V	770502	770502	770503
		3-ph, 400V	770573	770573	770573
	with regulation contact LG7	1-ph, 230V	710427	710427	710428
		3-ph, 400V	710421	710421	710421
Safety valve + vacuum gauge mounted			670069	670069	670069
Base frame assembly			670019	670019	670019
Electrical cable (3m) with plug - 1ph - 230V			363052	363052	363052

Lubricated rotary vane vacuum pumps

Pumping speed on 1000 l vessel



Performance curves



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