

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

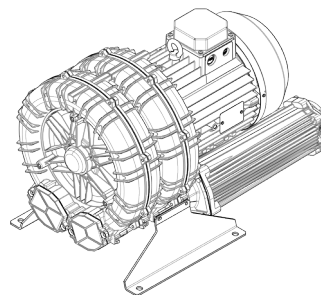
- IE3 Wide Range cURus Motors
- IP 55 protection rating, class F insulation, suitable for operating with inverter (refer to FPZ)
- Thermal Protector (PTO) as standard

Options

- Special voltages (IEC 60038)
- Surface treatments
- Increased seal version

~3	[V] (Y / Δ)		[Hz]
	≤ 4 kW	> 4 kW	
IE3	400 / 230	690 / 400	50
	460 / 265	795 / 460	60
Wide Range	345 - 415 / 200 - 240	600 - 720 / 345 - 415	50
	380 - 480 / 220 - 280	660 - 830 / 380 - 480	60

Supply voltage - [Tolerance on the fixed voltage value ± 10%, in range ± 5%.]



Performance Table

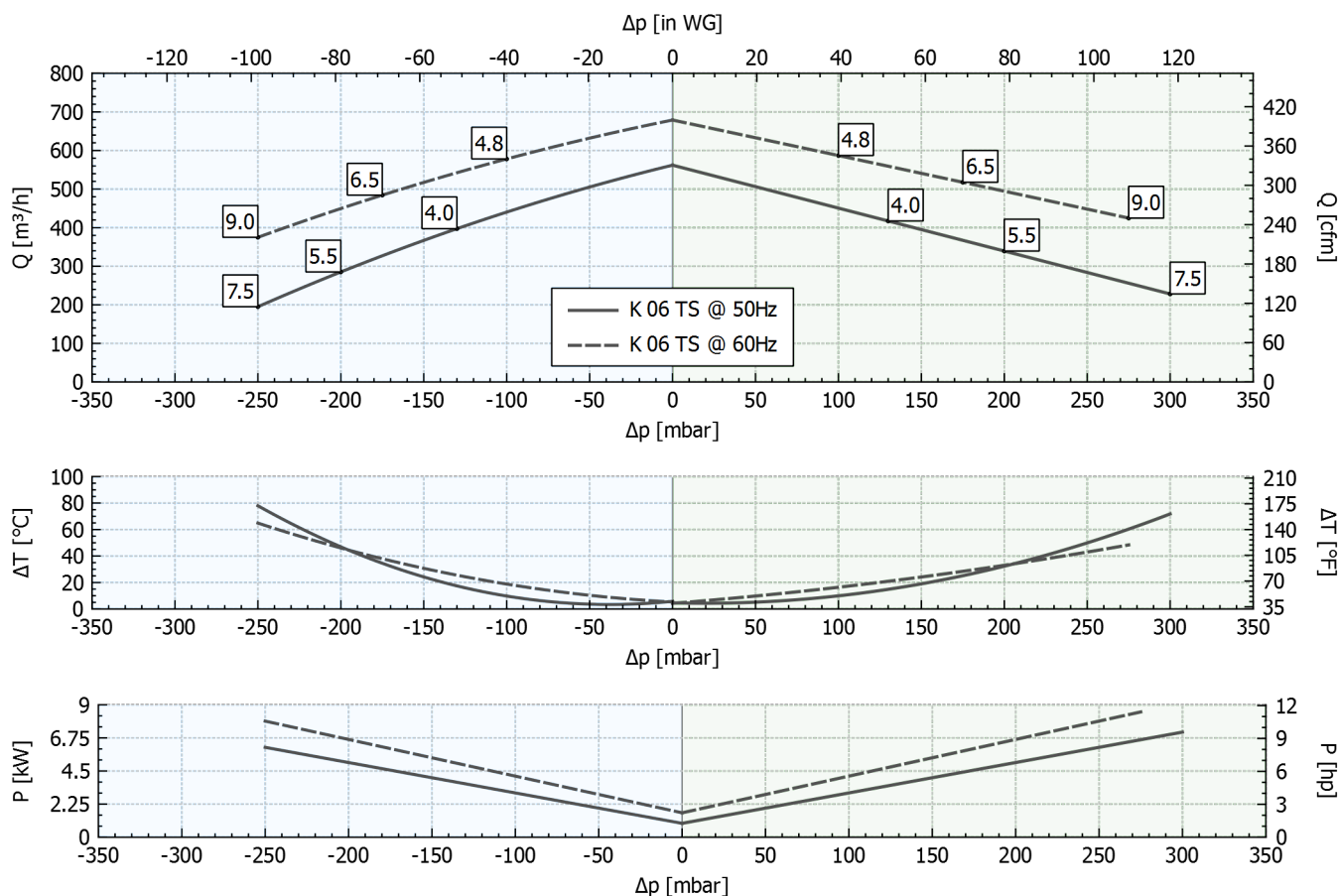
P _n [kW]	Frequency [Hz]	Δp _{max} [mbar]		Q _{max} [m³/h]	Leq ¹ [dB(A)]	Weight [kg]	H ² [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE3	Range		
4	50	130	130	562	74.8	55.5	500	7.93 / 13.7	8.55-8.06 / 14.8-14.0	0.82	2910
4.8	60	100	100	679	76.8	55.5	500	7.94 / 13.8	9.31-7.93 / 16.1-13.7	0.85	3500
5.5	50	200	200	562	74.8	71.5	585	6.41 / 11.1	6.70-6.64 / 11.6-11.5	0.80	2940
6.5	60	175	175	679	76.8	71.5	585	6.35 / 11.0	7.10-6.41 / 12.3-11.1	0.83	3530
7.5	50	250	300	562	74.8	76.5	585	8.95 / 15.5	9.06-9.30 / 15.7-16.1	0.78	2940
9	60	250	275	679	76.8	76.5	585	8.78 / 15.2	9.71-8.97 / 16.8-15.5	0.82	3535

1. Noise level measured at a distance of 1 m with ducted intake and delivery, in accordance with Standard ISO 3744.

2. See figure "dimensions" at following page.

SUCTION

COMPRESSION

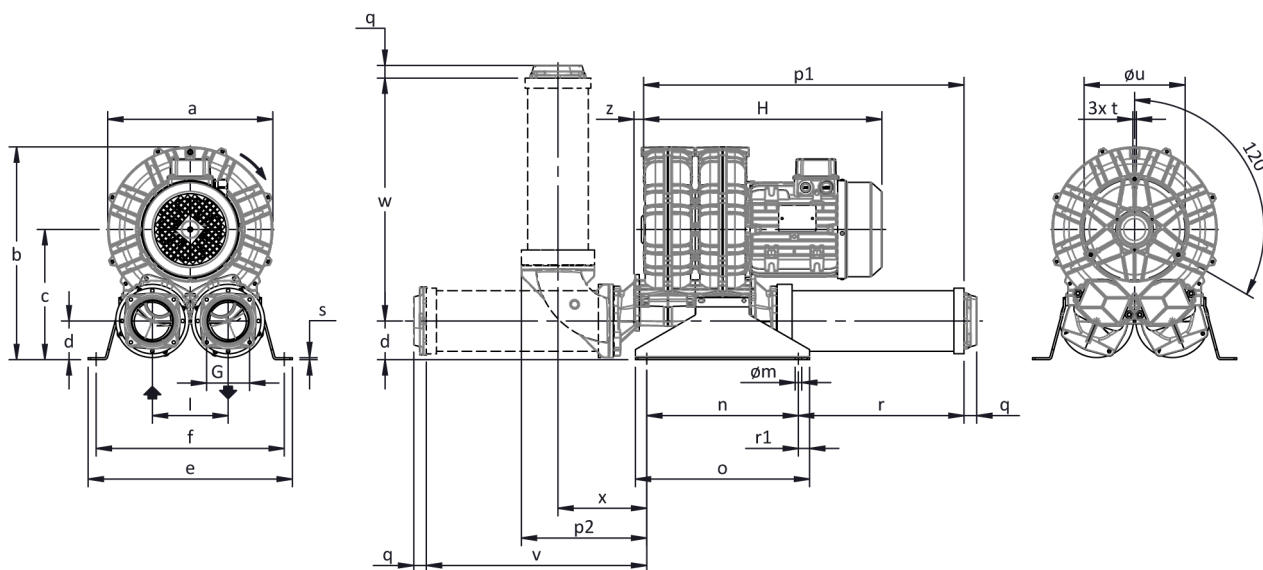


Tolerance on indicated values ± 10%.

Data subject to change without notice.

Curves referring to air at a temperature of 20 °C and atmospheric pressure of 1013 mbar (abs).

Dimensions



Configuration with a vertical silencer is only available with the CK accessory kit; for all assembly options refer to FPZ.

Dimensions in mm

NOT Binding

a	b	c	d	d1	e	f	G	l	l1	l2	m	n	o	p1	p2	q	r	r1	s	t	u	v	w	x	y	z
376	455	267	75	-	404	374	G 3"	155	-	-	13	300	345	662	268	25	335	22.5	4	M8	240	455	481	195	-	19

INSTALLATION

- For proper operation of the machine, it must be provided with a suction FILTER and a vacuum/pressure limiting VALVE.
- Other accessories are available on request.
- Permissible ambient and fluid temperature in suction from -15 °C to +40 °C.
- Read the instruction manual carefully before installing the machine.