

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

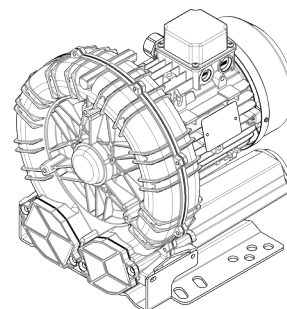
- Motors with IP 55 protection rating.
- class F insulation, suitable for operating with inverter (refer to FPZ)
- Thermal Protector (PTO) as standard

Options

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

~3	[V] (Δ / Y)	[Hz]
IE2	230 / 400	50
	265 / 460	60
Wide Range	200 – 240 / 345 – 415	50
	220 – 280 / 380 – 480	60

Supply voltage - IE2 only at 50 Hz - Tolerance on the fixed voltage value $\pm 10\%$, in range $\pm 5\%$.

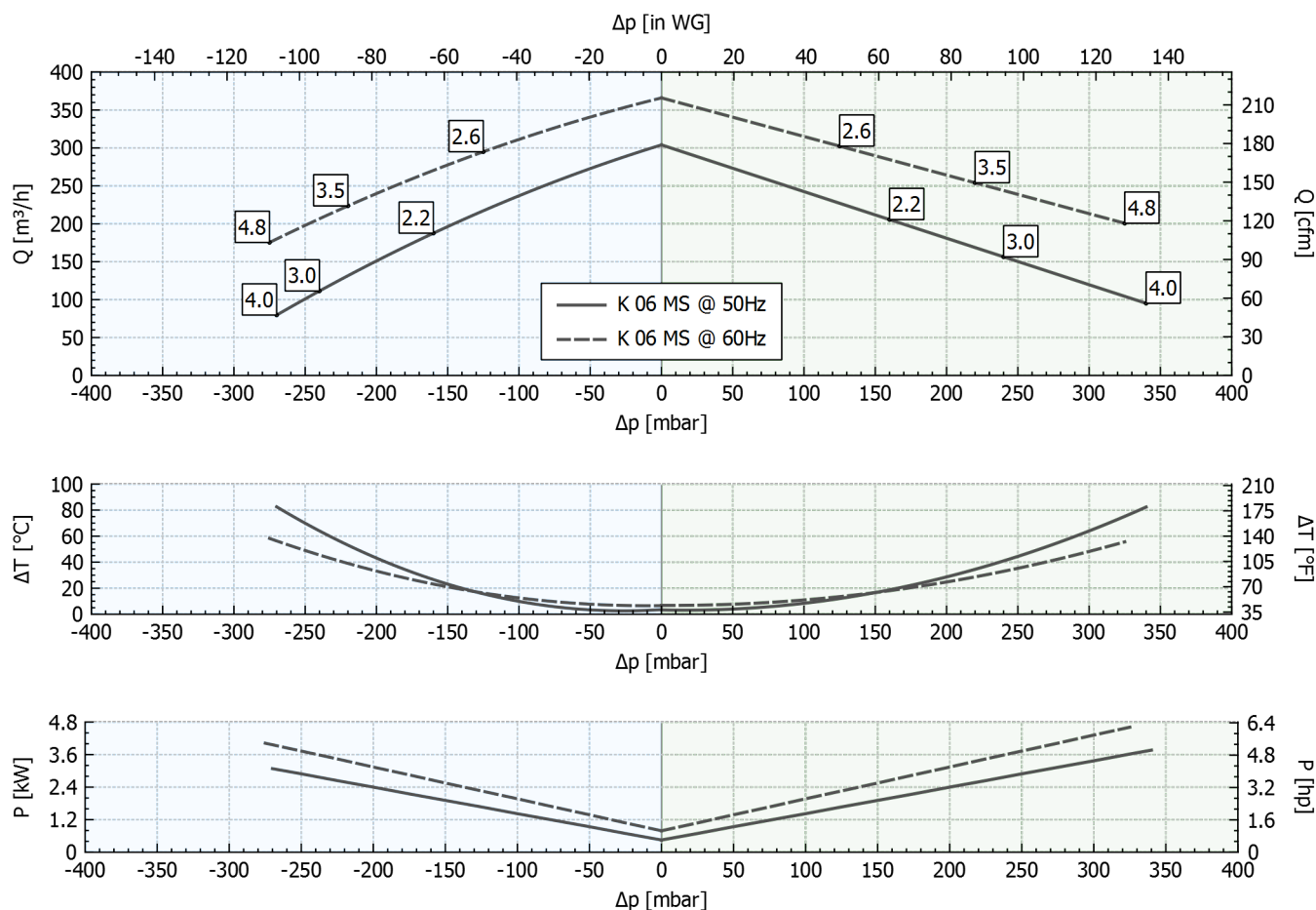

Performance Table

P _n [kW]	Frequency [Hz]	$\Delta p_{\max}$ [mbar]		Q _{max} [m³/h]	Leq¹ [dB(A)]	Weight [kg]	H³ [mm]	Current Consumption (Δ / Y) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE2²	Range		
2.2	50	160	160	304	70.0	31	350	4.58 / 7.93	4.97-4.64 / 8.60- 8.04	0.82	2890
2.6	60	125	125	366	72.0	31	350	4.56 / 7.90	5.33-4.55 / 9.23- 7.88	0.84	3485
3	50	240	240	304	70.0	37	360	6.27 / 10.8	6.88-6.36 / 11.9-11.0	0.82	2920
3.5	60	220	220	366	72.0	37	360	6.23 / 10.8	7.29-6.23 / 12.6-10.8	0.84	3515
4	50	270	340	304	70.0	38.5	380	8.12 / 14.05	8.80-8.26 / 15.2-14.3	0.82	2910
4.8	60	275	325	366	72.0	38.5	380	8.10 / 14.03	9.37-8.10 / 16.2-14.0	0.84	3480

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

2. IE2 only at 50 Hz.

3. See figure "dimensions" at following page.

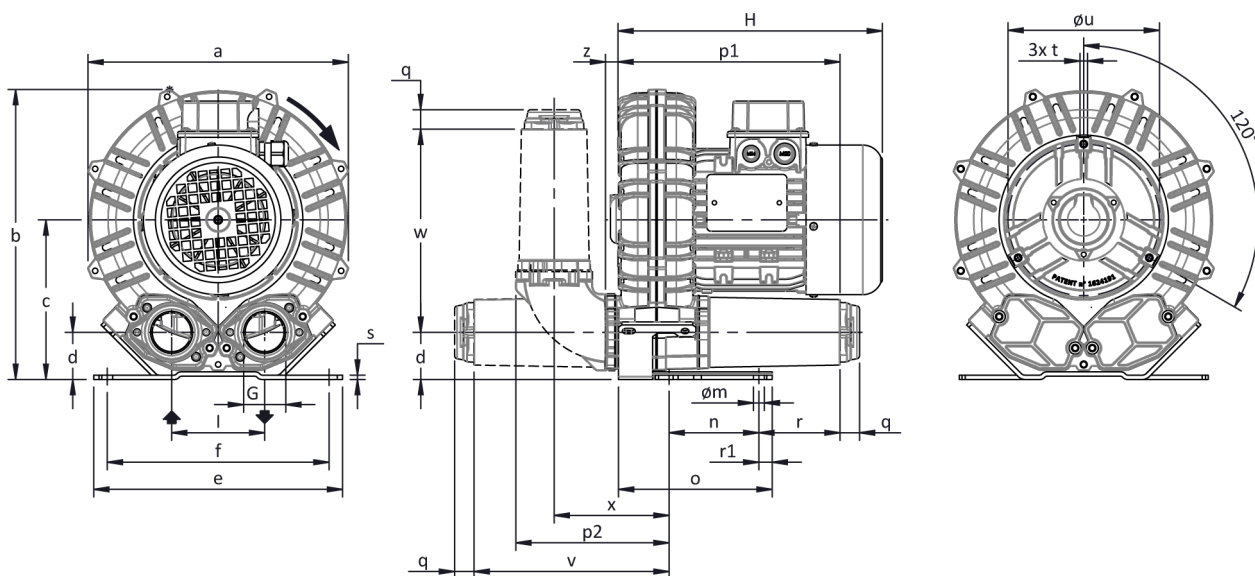
SUCTION
COMPRESSION


Tolerance on indicated values $\pm 10\%$.

Data subject to change without notice.

Curves referring to air at a temperature of 20 $^{\circ}C$ 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.

NOT Binding
 Dimensions in mm

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	393	205	54	-	325	290	G 2"	125	-	-	15	140	265	334	244	18	85	19	4	M8	240	332	285	198	-	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.