

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

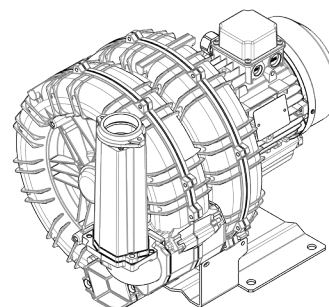
- Motors with IP 55 protection rating.
- class F insulation, suitable for operating with inverter (refer to FPZ)
- Thermal Protector (PTO) as standard

Options

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

~3	[V] (Δ / Y)		[Hz]
	≤ 4 kW	> 4 kW	
IE2	230 / 400	400 / 690	50
	265 / 460	460 / 795	60
Wide Range	200 - 240 / 345 - 415	345 - 415 / 600 - 720	50
	220 - 280 / 380 - 480	380 - 480 / 660 - 830	60

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

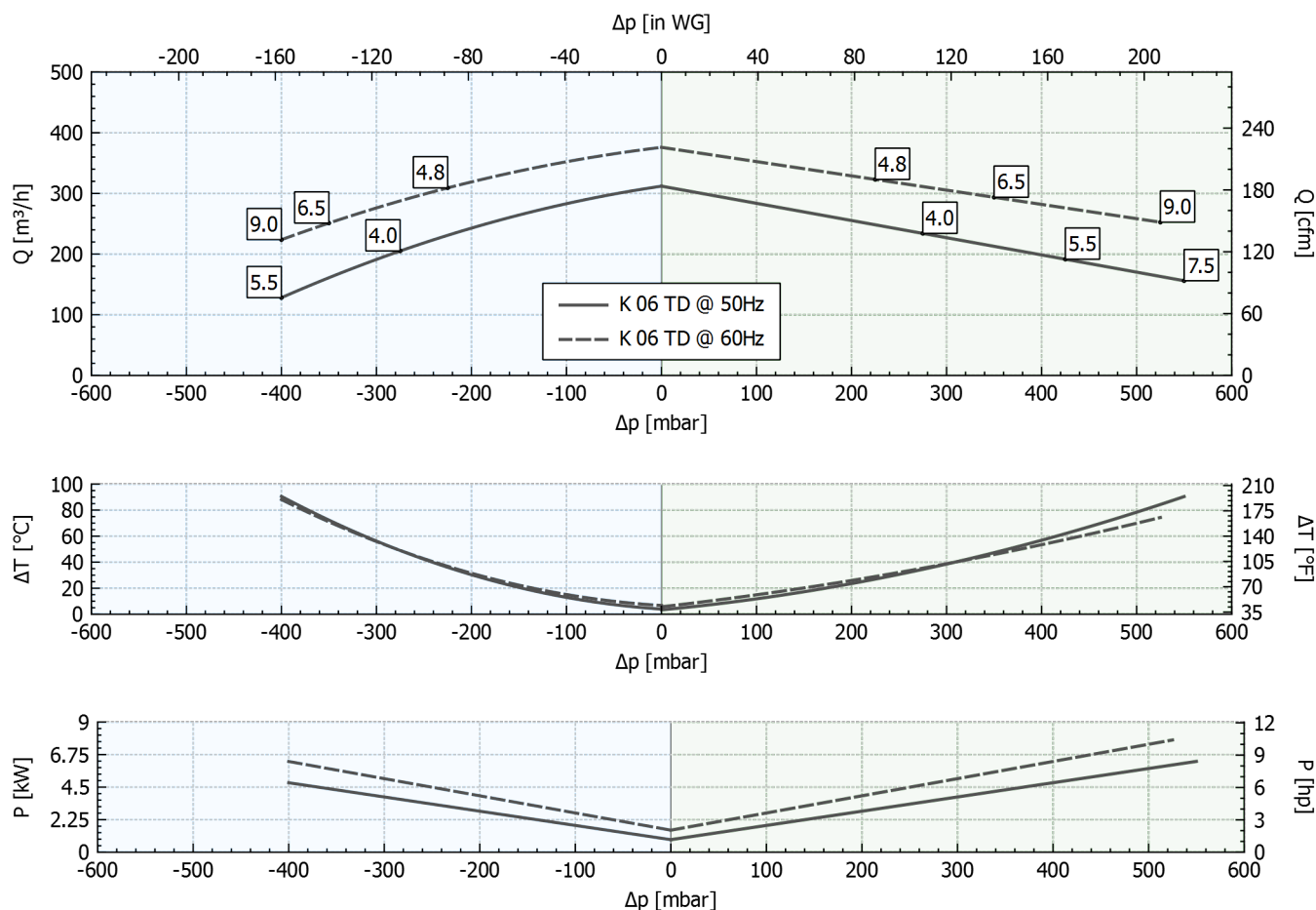

Performance Table

P_n [kW]	Frequency [Hz]	Δp_{max} [mbar]		Q_{max} [m ³ /h]	Leq^1 [dB(A)]	Weight [kg]	H^3 [mm]	Current Consumption (Δ / Y) [A]		Cos ϕ [-]	Speed [rpm]
		Suction	Compression					IE2 ²	Range		
4	50	275	275	312	72.6	52.5	500	8.12 / 14.05	8.80-8.26 / 15.2-14.3	0.82	2910
4.8	60	225	225	376	74.6	52.5	500	8.10 / 14.03	9.37-8.10 / 16.2-14.0	0.84	3480
5.5	50	400	425	312	72.6	68.5	585	6.40 / 11.1	6.81-6.75 / 11.8-11.7	0.8	2940
6.5	60	350	350	376	74.6	68.5	585	6.38 / 11.1	7.21-6.47 / 12.5-11.2	0.84	3535
7.5	50	-	550	312	72.6	73.5	585	9.06 / 15.7	9.18-9.47 / 15.9-16.4	0.78	2940
9	60	400	525	376	74.6	73.5	585	8.86 / 15.34	9.87-9.00 / 17.1-15.6	0.83	3530

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.

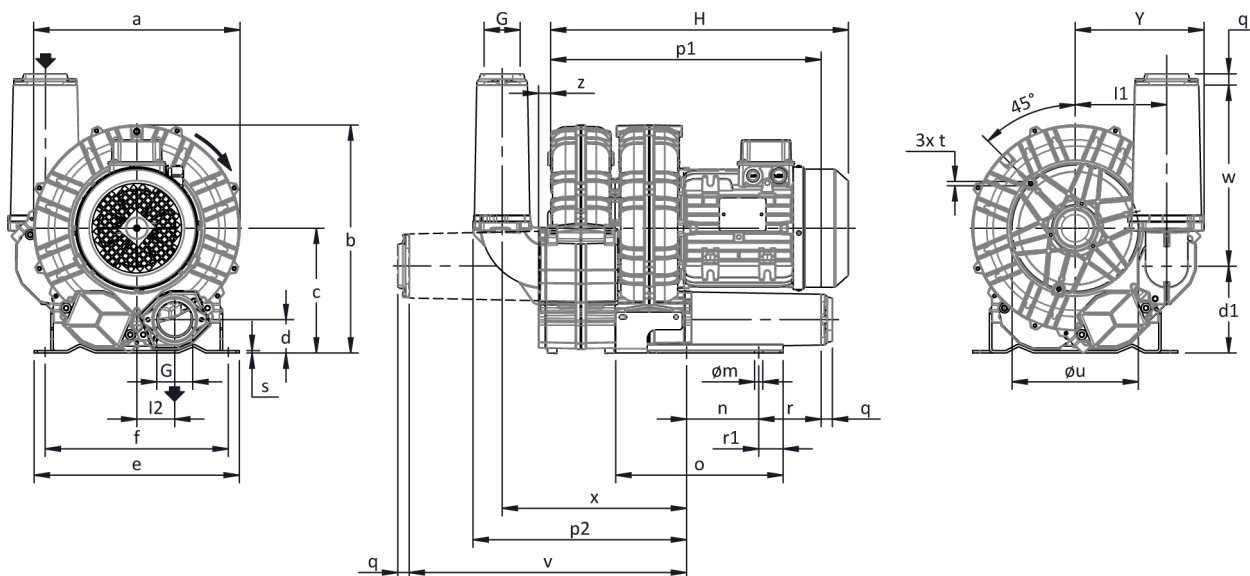
SUCTION
COMPRESSION


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

Data subject to change without notice.

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

Dimensions



For all assembly options refer to FPZ.

NOT Binding

Dimensions in mm

a	b	c	d	d1	e	f	G	I	I1	I2	m	n	o	p1	p2	q	r	r1	s	t	u	v	w	x	y	z
376	420	232	59	170	325	290	G 2"	-	151	73	15	140	265	508	354	18	136	19	4	M8	240	455	285	308	210	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.