

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

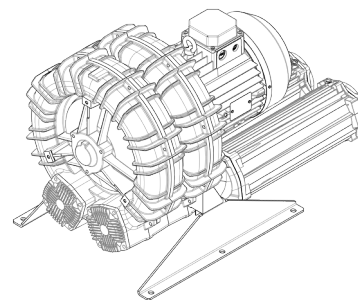
- Motors with IP 55 protection rating.
- class F insulation, suitable for operating with inverter (refer to FPZ)
- Thermal Protector (PTO) as standard

Options

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

~3	[V] (Y / Δ)	[Hz]
IE2	690 / 400	50
	460 / 795	60
Wide Range	600 – 720 / 345 – 415	50
	660 – 830 / 380 – 480	60

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

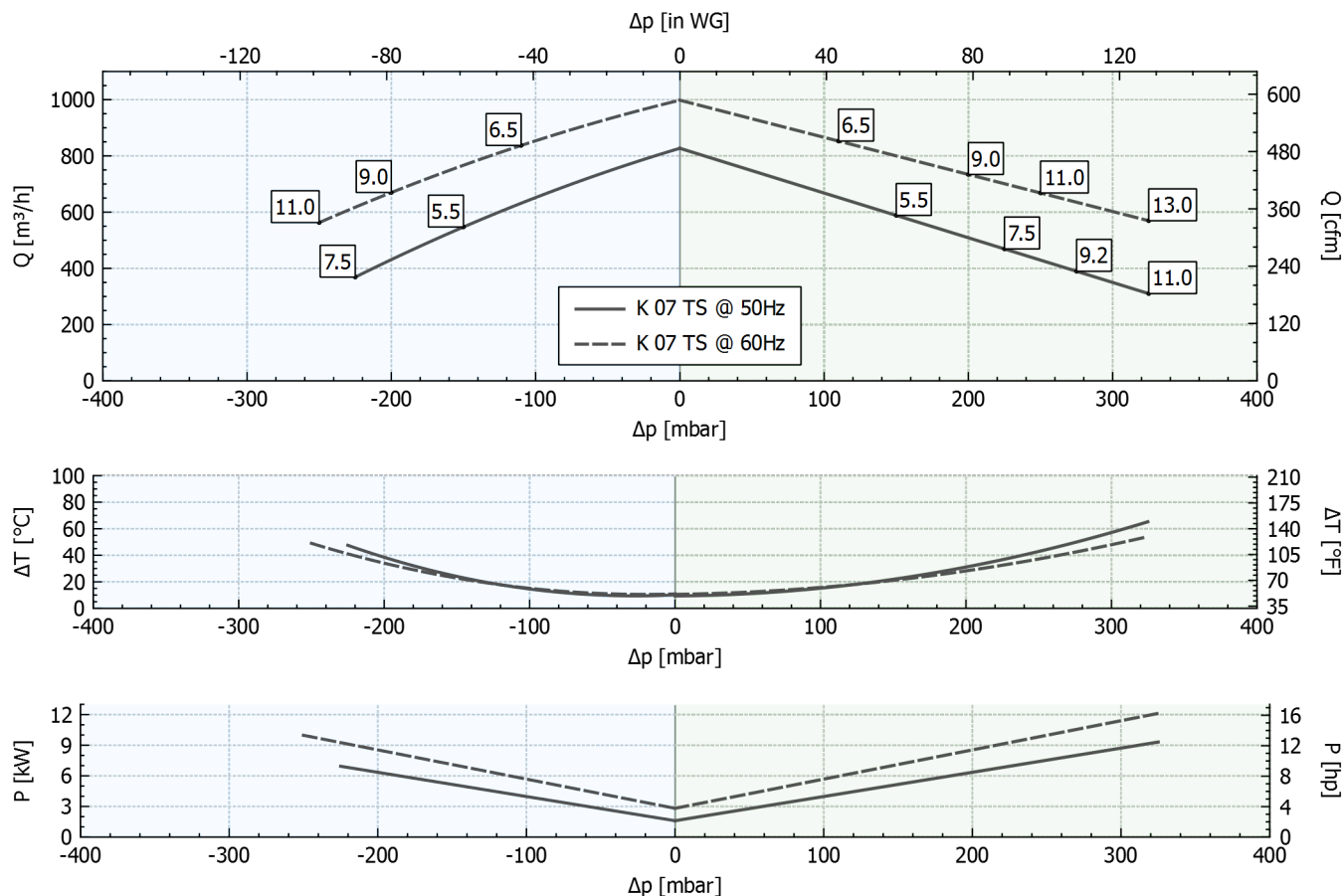

Performance Table

P _n [kW]	Frequency [Hz]	Δp _{max} [mbar]		Q _{max} [m³/h]	Leq¹ [dB(A)]	Weight [kg]	H³ [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE2²	Range		
5.5	50	150	150	827	82.5	93.5	580	6.40 / 11.1	6.81-6.75 / 11.8-11.7	0.8	2940
6.5	60	110	110	998	84.5	93.5	580	6.38 / 11.1	7.21-6.47 / 12.5-11.2	0.84	3535
7.5	50	225	225	827	82.5	98.5	580	9.06 / 15.7	9.18-9.47 / 15.9-16.4	0.78	2940
9	60	200	200	998	84.5	98.5	580	8.86 / 15.34	9.87-9.00 / 17.1-15.6	0.83	3530
9.2	50	-	275	827	82.5	103.5	620	10.3 / 17.8	11.1-10.6 / 19.2-18.3	0.83	2940
11	60	250	250	998	84.5	103.5	620	10.3 / 17.9	11.9-10.3 / 20.6-17.9	0.86	3530
11	50	-	325	827	82.5	110	620	12.53 / 21.7	13.0-12.9 / 22.6-22.3	0.81	2940
13	60	-	325	998	84.5	110	620	12.2 / 21.2	13.8-12.4 / 23.9-21.4	0.84	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.

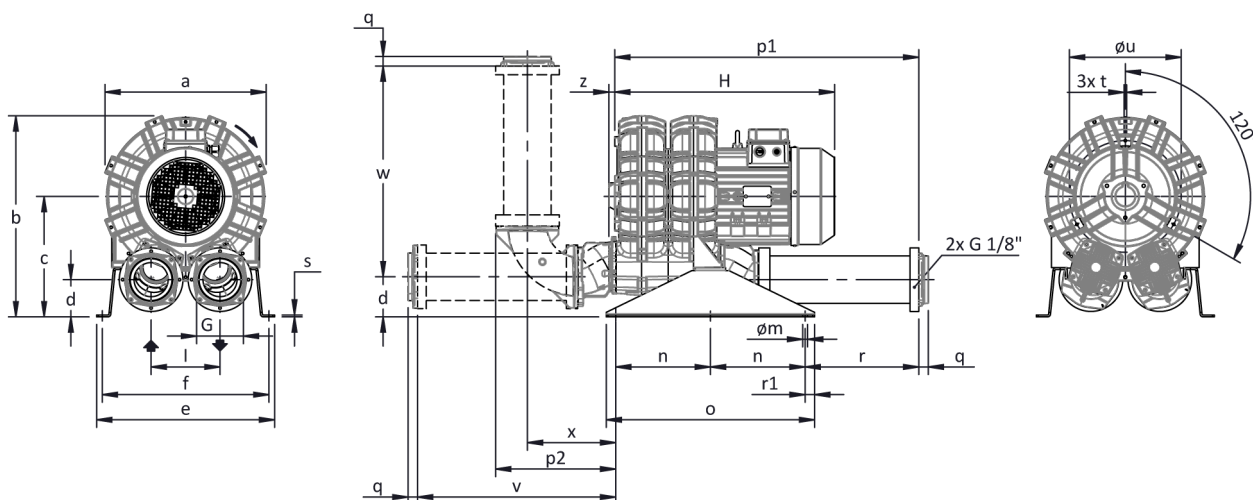
SUCTION
COMPRESSION


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



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
424	531	319	98	-	470	438	G 4"	182	-	-	13	250	550	802	315	25	299	25	5	M8	295	522	581	276	-	16

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.