

Technical Characteristics

- Aluminum alloy construction
- Smooth operation
- Maintenance free

Electric Motor

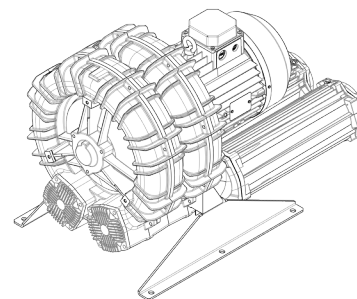
- Motors with IP 55 protection rating.
- class F insulation, suitable for operating with inverter (refer to FPZ)
- Thermal Protector (PTO) as standard

Options

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

~3	[V] (Δ / Y)	[Hz]
IE2	400 / 690	50
	460 / 795	60
Wide Range	345 - 415 / 600 - 720	50
	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		
7.5	50	140	130	1006	78.9	104	580	9.06 / 15.7	9.18-9.47 / 15.9-16.4	0.78	2940
9	60	100	85	1214	80.9	104	580	8.86 / 15.34	9.87-9.00 / 17.1-15.6	0.83	3530
9.2	50	210	180	1006	78.9	109	620	10.3 / 17.8	11.1-10.6 / 19.2-18.3	0.83	2940
11	60	170	150	1214	80.9	109	620	10.3 / 17.9	11.9-10.3 / 20.6-17.9	0.86	3530
11	50	260	260	1006	78.9	115.5	620	12.53 / 21.7	13.0-12.9 / 22.6-22.3	0.81	2940
13	60	220	200	1214	80.9	115.5	620	12.2 / 21.2	13.8-12.4 / 23.9-21.4	0.84	3530

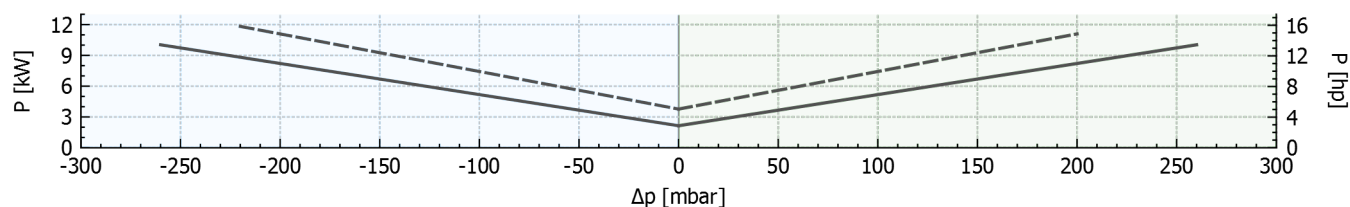
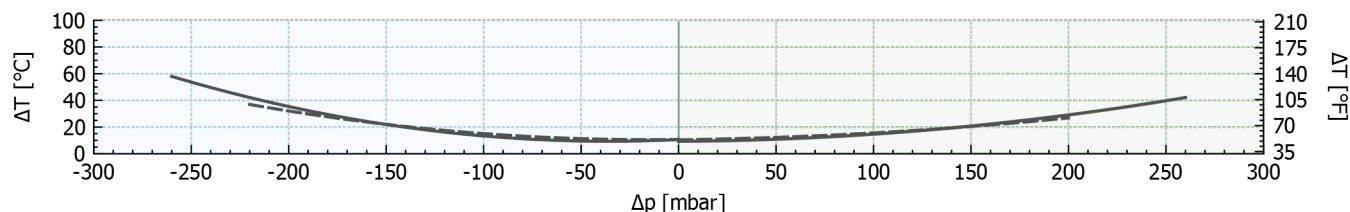
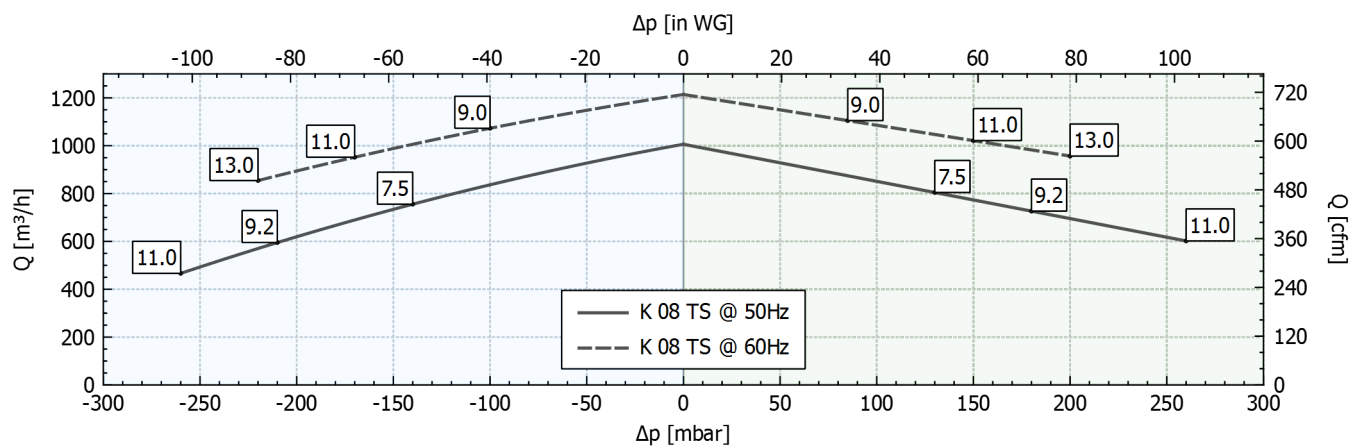
1. Noise level measured at a distance of 1 m with ducted intake and delivery, in accordance with Standard ISO 3744.

2. IE2 only at 50 Hz.

3. See figure "dimensions" at following page.

SUCTION

COMPRESSION

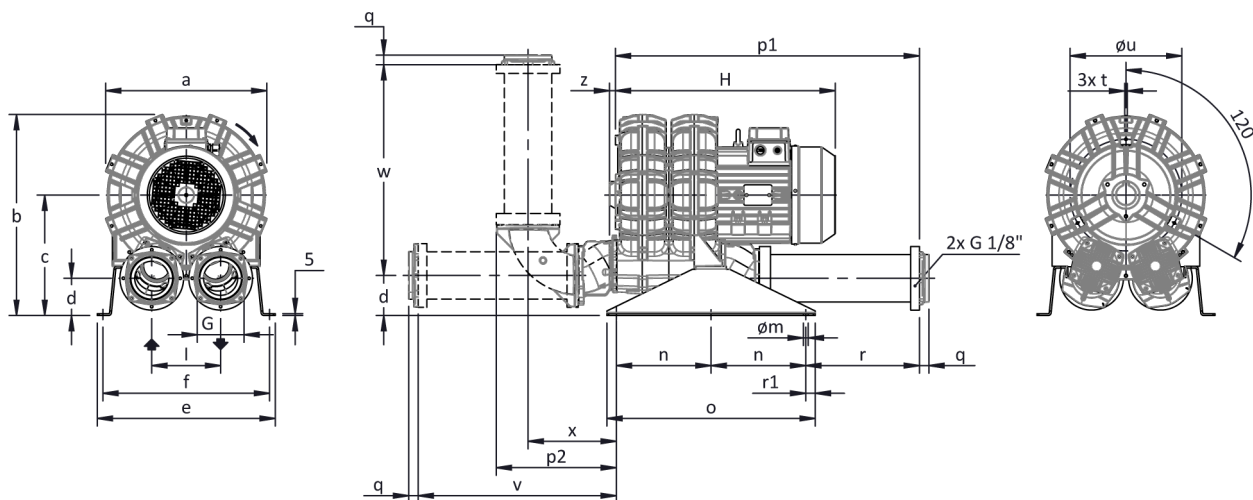


Tolerance on indicated values $\pm 10\%$.

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	I	I1	I2	m	n	o	p1	p2	q	r	r1	s	t	u	v	w	x	y	z
457	548	319	98	-	480	448	G 4"	182	-	-	13	250	550	802	315	25	299	25	5	M8	310	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.