



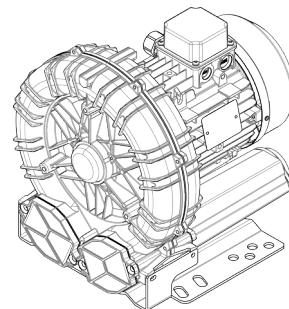
Technical Characteristics	
<ul style="list-style-type: none"> <li>Aluminum alloy construction</li> <li>Smooth operation</li> <li>Maintenance free</li> </ul>	
Electric Motor	
<ul style="list-style-type: none"> <li>Motors with IP 55 protection rating.</li> <li>class F insulation, suitable for operating with inverter (refer to FPZ)</li> <li>Thermal Protector (PTO) as standard</li> </ul>	
Options	
<ul style="list-style-type: none"> <li>Special voltages (IEC 60038)</li> <li>Surface treatments</li> <li>Increased seal version</li> </ul>	

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

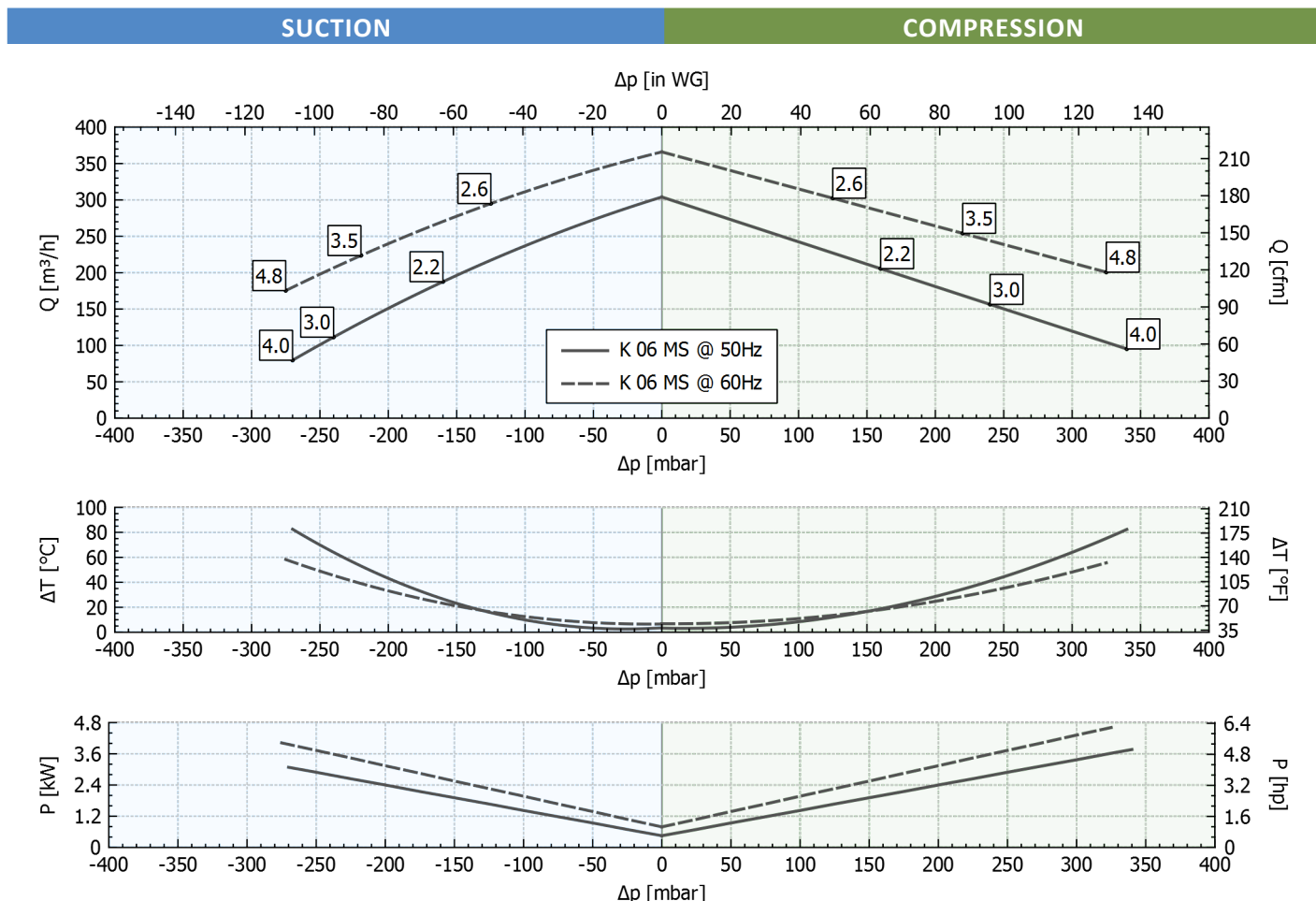
**Supply voltage - IE2 only at 50 Hz - Tolerance on the fixed voltage value ± 10%, in range ± 5%.**



### Performance Table

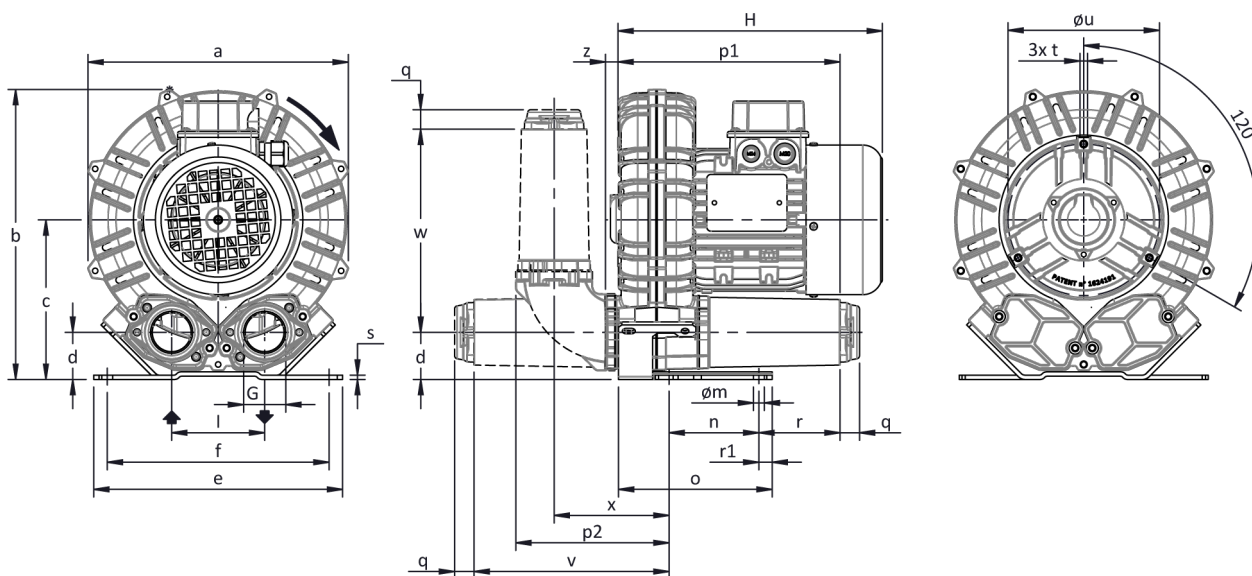
P <sub>n</sub> [kW]	Frequency [Hz]	Δp <sub>max</sub> [mbar]		Q <sub>max</sub> [m³/h]	Leq <sup>1</sup> [dB(A)]	Weight [kg]	H <sup>3</sup> [mm]	Current Consumption (Y/Δ) [A]		Cosφ [-]	Speed [rpm]
		Suction	Compression					IE2 <sup>2</sup>	Range		
2.2	50	160	160	304	70	31	350	4.58 / 7.93	4.97-4.64 / 8.60-8.04	0.82	2890
2.6	60	125	125	366	72	31	350	4.56 / 7.90	5.33-4.55 / 9.23-7.88	0.84	3485
3	50	240	240	304	70	37	360	6.27 / 10.8	6.88-6.36 / 11.9-11.0	0.82	2920
3.5	60	220	220	366	72	37	360	6.23 / 10.8	7.29-6.23 / 12.6-10.8	0.84	3515
4	50	270	340	304	70	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	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.



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.

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.