Motor Characteristics

Degree of Protection	IP23 S	**Cooling**	IC06
Rotor Inertia J (kgm²)	2.156	**Motor weight (kg)**	860
Maximum mechanical speed n_{max}(rpm)	3800 (5000)*	**Sound Pressure level (db(A)) at 50 Hz**	80
D-End Bearing**	6220C3	**N-End bearing**	6220C3
Vibration Class	A	**Mounting**	IM1001
Insulation class	H	**Temperature rise Class**	F
Motor Nominal voltage (V)	400	**Thermal Protection**	PTC 150°C

* On request (high speed option)
**Bearing protection ring recommended > 100kW

Blower characteristics (Voltage/frequency supply to precise in order)

Frequency (Hz)	50/60	**Number of phases**	3
Voltage (V)	400/460	**Mounting**	Radial
Speed (rpm)	2920/3530	**Type of cooling fan**	Force draught
Power (kW)	3/3	**Internal Static Air Pressure Drop (Pa)**	1200
Current (A)	5.8/5.1	**Required cooling Air flow (m³/h)**	2200

Electrical Data (at 400V)

n_N rpm	P_N kW	T_N Nm	I_N A	n_1 rpm	cos ϕ	η	f_N Hz
500	88	1687	176	800	0,84	0,86	17,1
1000	173	1655	323	1600	0,85	0,91	33,9
1200	204	1624	372	1920	0,85	0,93	40,4
1500	250	1592	447	2400	0,85	0,95	50,5
1800	294	1560	526	2880	0,85	0,95	60,6
2000	307	1464	542	3200	0,85	0,96	67,2
2400	332	1321	587	3840*	0,85	0,96	80,8
3000	350	1114	612	4800*	0,86	0,96	100,8