

EC axial fans

S-Range, Ø 630



- **Material:** stator and electronics housing made of die-cast aluminium, rotor made of sheet steel (black, KTL coated), impeller blades made of die-cast aluminium
- **Technical features:** control input 0-10 VDC / PWM, RS485 ebmBUS, alarm relay, integrated PID control, voltage supply for sensor, input for sensor 0-10 V respectively 4-20 mA, 0-10 V output for slave, PFC (passive), soft start, line undervoltage detection, phase failure detection, motor current limitation, over-temperature protected electronics and motor, locked-rotor protection
- **Type of protection:** IP 54 according to DIN VDE 0470, part 1 (EN 60 529) category 2
- **Insulation class:** "F"
- **Approvals:** UL, CE and GOST; with 380-480 VAC with VDE; CCC is planned

ebm-papst • Muldingen

Nominal data ⁽¹⁾		Characteristic	Nominal voltage range	Frequency	Speed/rpm	Max. power input ⁽²⁾	Max. current draw ⁽²⁾	Max. back pressure	Perm. amb. temp.	Mass A3G...	Mass S3G...	Mass W3G...
Type	Motor	VAC	Hz	min ⁻¹	kW	A	Pa	°C	kg	kg	kg	
*3G 630	M3G150-IF	① 200-240	50/60	1450	3,08	9,8	375	-25..+60	26,0	31,5	39,0	
	M3G150-IF	② 380-480	50/60	1450	3,08	4,9	375	-25..+60	26,0	31,5	39,0	

subject to alterations

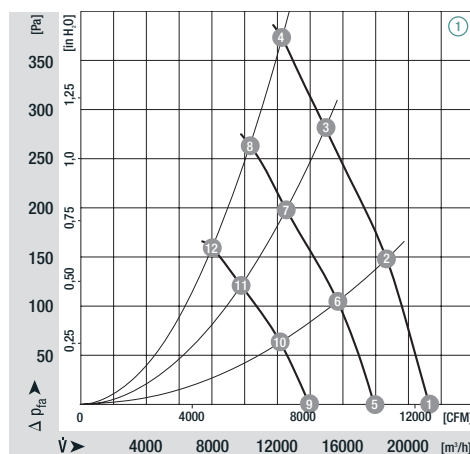
⁽¹⁾ at 230 resp. 400 VAC

⁽²⁾ in operating point with maximum load

	n [min ⁻¹]	P ₁ [kW]	I [A]	Lp _A [dBA]	η _{HL} [%]
① ①	1450	2,32	7,4	83	89
① ②	1450	2,71	8,8	81	84
① ③	1450	2,94	9,6	81	69
① ④	1450	3,08	9,8	82	60
① ⑤	1220	1,43	4,6	79	88
① ⑥	1220	1,65	5,4	77	83
① ⑦	1220	1,75	5,6	77	69
① ⑧	1220	1,85	5,8	78	60

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