EC transformer fans

Ø 990

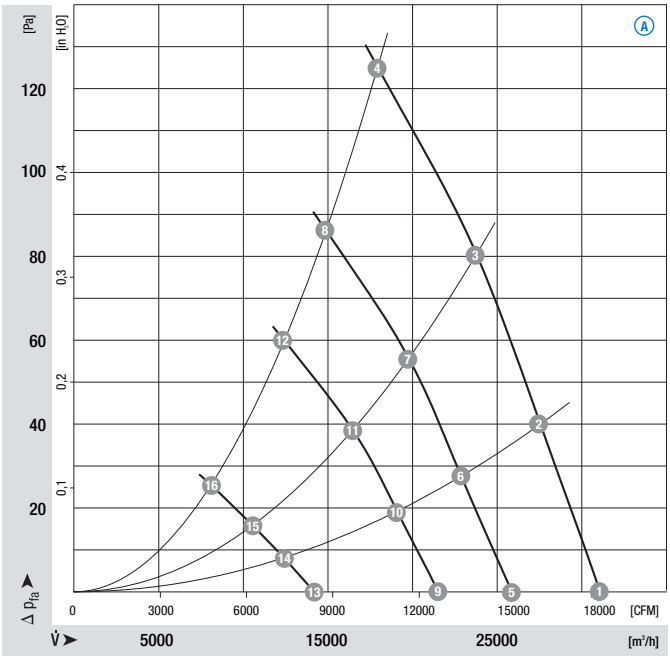
- **Material:** Guard grille made of steel, zinc-plated and plastic coated, RAL 9006
  Wall ring made of sheet steel, hot-dip galvanised and plastic coated, RAL 9006
  Screwed on fan blades made of die-cast aluminium, varnished, RAL 9005
  Stator and electronics housing made of die-cast aluminium, varnished, RAL 9005
  Rotor made of sheet steel, varnished, RAL 9005
- **Direction of air flow:** "A"
- **Direction of rotation:** counter-clockwise, seen on rotor
- **Type of protection:** IP 54 (according to EN 60529)
- **Insulation class:** "F"
- **Mounting position:** shaft horizontal or rotor on top
- **Condensate discharges:** in the stator flange
- **Operating mode:** Continuous operation (S1)
- **Bearings:** Maintenance-free ball bearings

Nominal data[1]		Characteristic	Voltage range	Frequency	Air flow	Speed/rpm	Power input	Current draw	Max. back pressure	Perm. amb. temp.	Mass
Type	**Motor**		**VAC**	**Hz**	**m³/h**	**min⁻¹**	**W**	**A**	**Pa**	**°C**	**kg**
W3G990	M3G150-IF	Ⓐ	380-480	50/60	31000	650	1030	1,8	120	-40..+60	60,5

subject to alterations

[1] at 400 VAC

Characteristics



	n [min⁻¹]	P_1 [W]	I [A]	Lw_A [dB(A)]
Ⓐ 1	650	1030	1,80	80
Ⓐ 2	650	1230	2,30	81
Ⓐ 3	650	1350	2,40	82
Ⓐ 4	650	1500	2,40	85
Ⓐ 5	540	610	1,30	76
Ⓐ 6	540	720	1,40	77
Ⓐ 7	540	800	1,50	78
Ⓐ 8	540	860	1,60	81
Ⓐ 9	450	370	0,80	72
Ⓐ 10	450	430	0,90	73
Ⓐ 11	450	460	0,90	74
Ⓐ 12	450	500	1,00	77
Ⓐ 13	300	100	0,17	63
Ⓐ 14	300	120	0,22	64
Ⓐ 15	300	130	0,23	65
Ⓐ 16	300	145	0,23	68

- **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 protection:** motor current limitation, over-temperature protected electronics and motor, locked-rotor protection
- **Protection class:** I (according to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** GOST, UL and VDE are applied for

Selection	Direction of air flow	
Type		
W3G990	"A"	W3G990-CD05 -80