

EC transformer fans

Ø 710



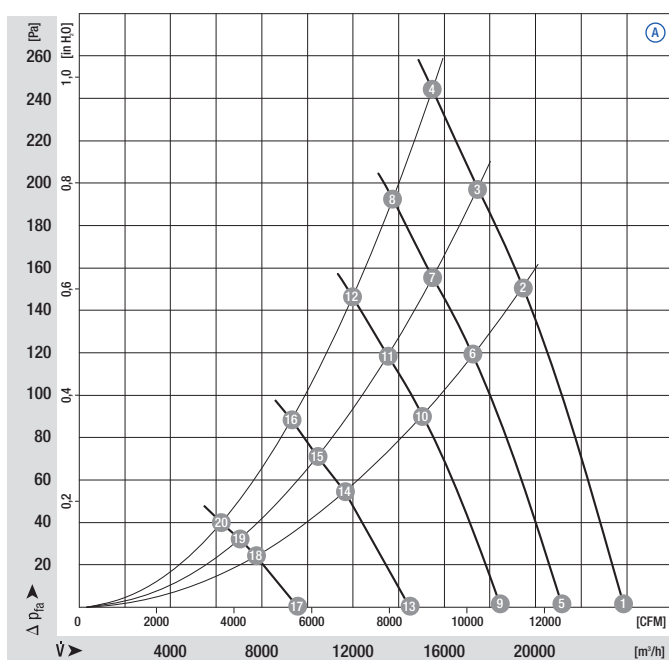
- **Material:** Guard grille made of steel, zinc-plated and plastic coated, RAL 9006
Wall ring made of sheet steel, hot-dip galvanised and plastic coated, RAL 9006
Screwed on fan blades made of die-cast aluminium, varnished, RAL 9005
Stator and electronics housing made of die-cast aluminium, varnished, 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⁾

Type	Motor	Blade angle	Characteristic	Voltage range	Frequency	Air flow	Speed/rpm	Power input	Current draw	Max. back pressure	Perm. amb. temp.	Mass
				VAC	Hz	m³/h	min⁻¹	W	A	Pa	°C	kg
W3G710	M3G150-IF	0°	A	380-480	50/60	23900	1240	1990	3,0	245	-40..+60	45,5

subject to alterations ⁽¹⁾ at 400 VAC

Characteristics



	n	P _i	I	Lw _A
	[min⁻¹]	[W]	[A]	[dB(A)]
A 1	1240	1990	3,00	80
A 2	1240	2470	3,75	80
A 3	1240	2590	3,90	81
A 4	1240	2700	4,10	84
A 5	1100	1390	2,10	77
A 6	1100	1720	2,60	77
A 7	1100	1810	2,75	79
A 8	1100	1890	2,85	82
A 9	960	920	1,40	74
A 10	960	1150	1,75	74
A 11	960	1200	1,80	76
A 12	960	1250	1,90	79
A 13	750	440	0,67	69
A 14	750	550	0,83	69
A 15	750	570	0,87	71
A 16	750	600	0,90	73
A 17	500	130	0,20	60
A 18	500	160	0,25	60
A 19	500	170	0,26	62
A 20	500	180	0,27	64

- **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	Blade angle	
Type			
W3G710	"A"	0°	W3G710-CH06 -80

