

EC transformer fans

Ø 800



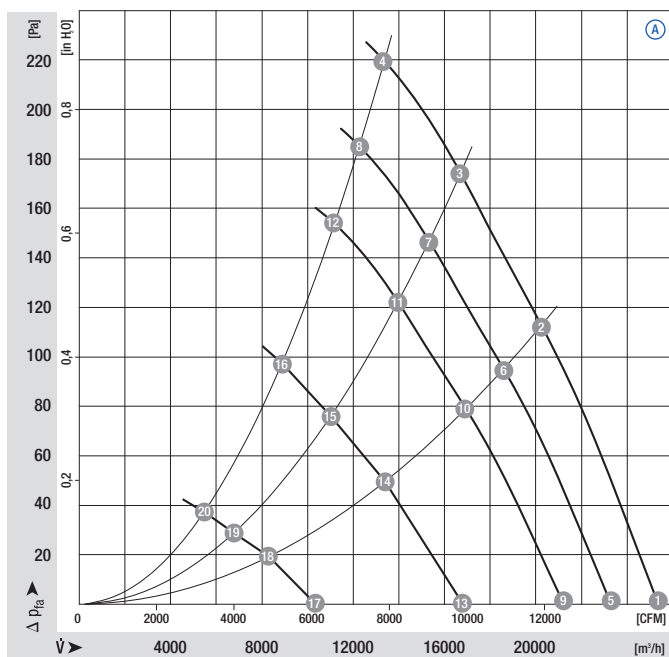
- **Material:** Guard grille made of steel, zinc-plated and plastic coated, RAL 9006
Wall ring made of sheet steel, hot-dip galvanised and plastic coated, RAL 9006
Screwed on fan blades made of die-cast aluminium, varnished, RAL 9005
Stator and electronics housing made of die-cast aluminium, varnished, 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
W3G800	M3G150-IF	0°	(A)	380-480	50/60	25400	980	1370	2,1	220	-40..+60	49,5

subject to alterations ⁽¹⁾ at 400 VAC

Characteristics



	n	P _i	I	Lw _A
	[min⁻¹]	[W]	[A]	[dB(A)]
(A) 1	980	1370	2,10	74
(A) 2	980	1760	2,70	73
(A) 3	980	1935	2,95	76
(A) 4	980	2210	3,40	82
(A) 5	900	1060	1,65	73
(A) 6	900	1365	2,10	72
(A) 7	900	1500	2,25	75
(A) 8	900	1715	2,60	80
(A) 9	820	800	1,25	71
(A) 10	820	1030	1,60	70
(A) 11	820	1135	1,70	73
(A) 12	820	1295	2,00	78
(A) 13	650	400	0,61	66
(A) 14	650	510	0,78	65
(A) 15	650	560	0,85	68
(A) 16	650	650	0,98	73
(A) 17	400	95	0,14	55
(A) 18	400	120	0,18	54
(A) 19	400	130	0,20	57
(A) 20	400	150	0,23	62

- **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			
W3G800	"A"	0°	W3G800-CH03 -80

