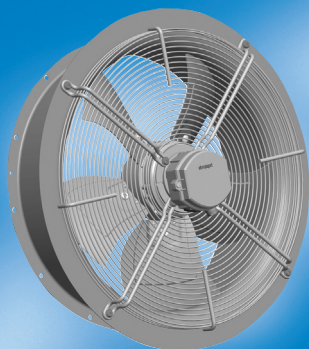


AC transformer fans

Ø 500, 60 Hz

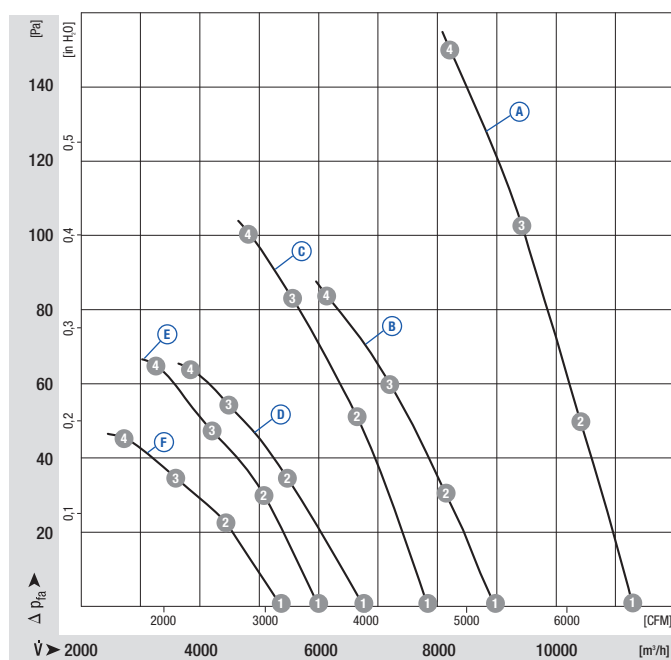


- **Material:** Guard grille made of steel, zinc-plated and plastic coated, RAL 9006
Wall ring made of sheet steel, hot-dip galvanised and plastic coated, RAL 9006
Screwed on fan blades made of sheet aluminium, varnished, RAL 9005
Asynchronous external-rotor motor made of die-cast aluminium, varnished, RAL 9005
Terminal box made of die-cast aluminium, varnished, RAL 9005
- **Direction of air flow:** "A"
- **Direction of rotation:** 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		Blade angle	Characteristic	Nominal voltage	Frequency	Air flow	Speed/rpm	Power input	Start-up current	Current draw	Max. back pressure	Perm. amb. temp.	Mass
Type	Motor			VAC	Hz	m³/h	min⁻¹	W	A	A	Pa	°C	kg
W4D500	M4D110-GF	0°	A	480 Δ	60	11300	1620	1000	6,50	1,55	150	-40..+50	17,1
			B	480 Y	60	8970	1280	695	2,20	0,98	84	-40..+50	
W6D500	M6D110-EF	0°	C	480 Δ	60	7900	1115	380	2,80	0,75	100	-40..+75	15,1
			D	480 Y	60	6840	960	280	0,95	0,41	60	-40..+75	
W8D500	M8D110-EF	0°	E	480 Δ	60	6000	850	245	----	0,63	65	-40..+65	15,1
			F	480 Y	60	5360	760	150	----	0,25	45	-40..+65	

subject to alterations

Characteristics



	n [min⁻¹]	P _i [W]	I [A]	Lw _A [dB(A)]
A 1	1620	1000	1,55	80
A 2	1605	1070	1,70	80
A 3	1590	1145	1,80	80
A 4	1570	1210	1,87	81
B 1	1280	695	0,98	75
B 2	1250	725	1,04	75
B 3	1210	750	1,08	75
B 4	1170	770	1,11	74
C 1	1115	380	0,75	73
C 2	1105	445	0,79	74
C 3	1095	470	0,82	74
C 4	1090	490	0,83	75
D 1	960	280	0,41	69
D 2	910	315	0,46	70
D 3	885	330	0,48	69
D 4	865	345	0,50	70
E 1	850	245	0,63	67
E 2	845	265	0,66	67
E 3	840	280	0,66	67
E 4	830	300	0,65	70
F 1	760	150	0,25	64
F 2	735	170	0,28	64
F 3	720	180	0,29	63
F 4	700	190	0,30	65

- **Motor protection:** TOP brought out (on terminal strip)
- **Cable exit:** lateral via terminal box
- **Protection class:** I (according to EN 61800-5-1)
- **Product conforming to standard:** CE
- **Approvals:** VDE (according to EN 60034)

Selection	Direction of air flow	Blade angle	
Type			
W4D500	"A"	0°	W4D500-CD03 -80
W6D500	"A"	0°	W6D500-CG03 -80
W8D500	"A"	0°	W8D500-CG01 -80

