

AC transformer fans

Ø 450, 60 Hz

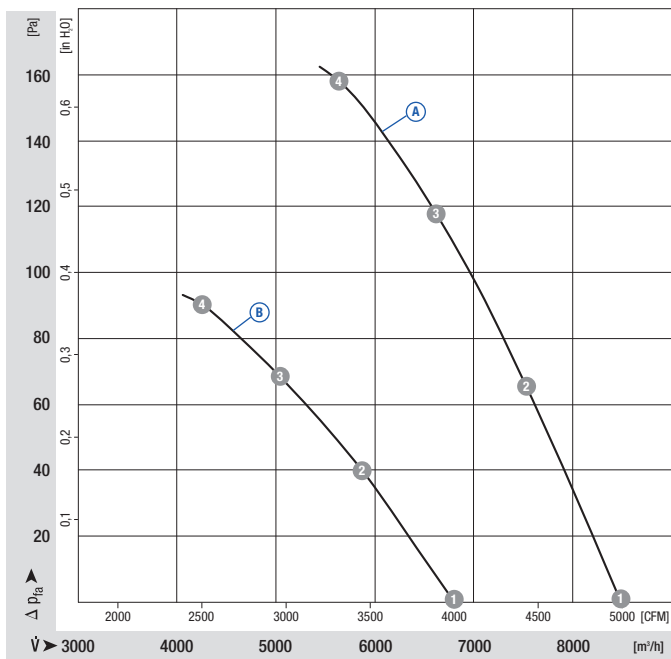


- **Material:** Guard grille made of steel, zinc-plated and plastic coated, RAL 9006
Wall ring made of sheet steel, hot-dip galvanised and plastic coated, RAL 9006
Screwed on fan blades made of sheet aluminium, varnished, RAL 9005
Asynchronous external-rotor motor made of die-cast aluminium, varnished, 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
W4D 450	M4D110-EF	0°	A	480 Δ	60	8490	1620	640	4,00	1,03	155	-40..+60	13,5
			B	480 Y	60	6800	1305	460	1,30	0,64	90	-40..+60	

subject to alterations

Characteristics



	n [min⁻¹]	P _i [W]	I [A]	Lw _A [dB(A)]
A 1	1620	640	1,03	80
A 2	1600	730	1,12	80
A 3	1585	770	1,17	82
A 4	1575	800	1,19	82
B 1	1305	460	0,64	75
B 2	1250	495	0,69	74
B 3	1215	505	0,71	76
B 4	1195	515	0,72	76

- **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			
W4D450	"A"	0°	W4D450-CG01 -80

