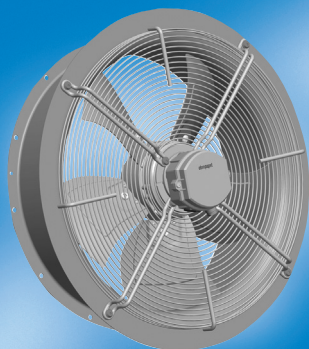


AC transformer fans

Ø 450, 50 Hz

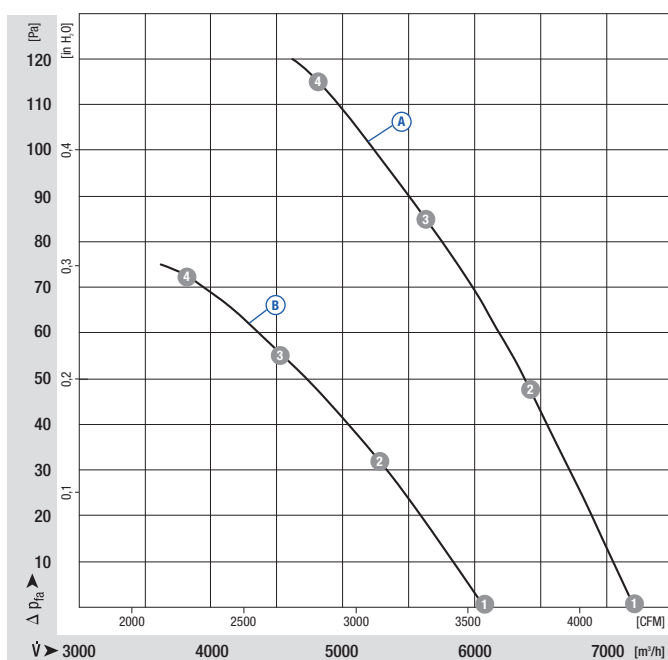


- **Material:** Guard grille made of steel, zinc-plated and plastic coated, RAL 9006
Wall ring made of sheet steel, hot-dip galvanised and plastic coated, RAL 9006
Screwed on fan blades made of sheet aluminium, varnished, RAL 9005
Asynchronous external-rotor motor made of die-cast aluminium, varnished, 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	400 Δ	50	7210	1380	410	3,40	0,90	115	-40..+95	13,5
			B	400 Y	50	6070	1150	295	1,20	0,50	75	-40..+95	

subject to alterations

Characteristics



	n [min ⁻¹]	P ₁ [W]	I [A]	L _{wA} [dB(A)]
A 1	1380	410	0,90	76
A 2	1365	450	0,97	76
A 3	1355	475	0,99	77
A 4	1350	490	1,02	79
B 1	1150	295	0,50	72
B 2	1120	320	0,56	71
B 3	1090	335	0,58	73
B 4	1075	340	0,59	75

- **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

