


ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2

74673 Mulfingen

Phone: +49 7938 81-0

Fax: +49 7938 81-110

www.ebmpapst.com

info1@de.ebmpapst.com

Nominal data

Type	S4D250-BA04-01				
Motor	M4D068-CF				
Phase		3~	3~	3~	3~
Nominal voltage	[V]	230	230	400	400
Connection		D	D	Y	Y
Frequency	[Hz]	50	60	50	60
Type of data definition		rfa	rfa	rfa	rfa
Valid for approval / standard		CE	CE	CE	CE
Speed	[min ⁻¹]	1420	1650	1420	1650
Power input	[W]	30	35	30	35
Current draw	[A]	0,16	0.14	0.09	0.08
Max. back pressure	[Pa]	90	100	90	100
Max. ambient temperature	[°C]	80	80	80	80
Air flow	[m ³ /h]	890	1035	890	1035
Back pressure	[Pa]	0	0	0	0
Sound pressure level	[dB(A)]	58	62	58	62

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

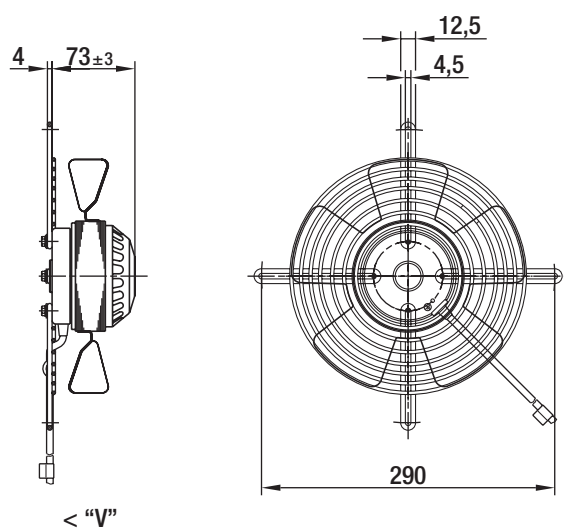
AC axial fan

with guard grille for full nozzle
straight blades (A series)

Technical features

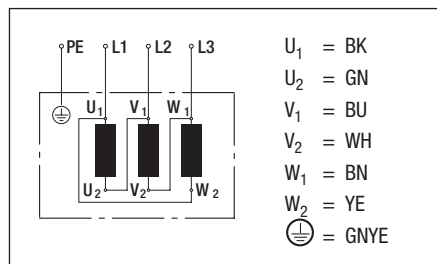
Size	250 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Counter-clockwise, seen on rotor
Direction of air flow	"V"
Insulation class	"B"
Cable exit	Lateral
Bearing motor	Ball bearing
Mass	1.6 kg
Material of impeller	Sheet steel, coated in black
Number of blades	5
Type of protection	IP 44 - depending on position
Protection class	I

Product drawing

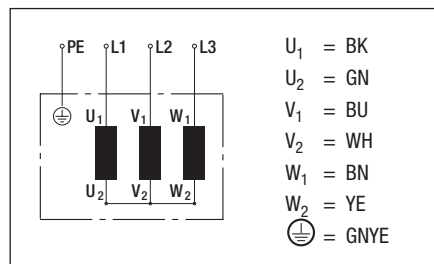


Connection screen

Delta (3~ 230 VAC)

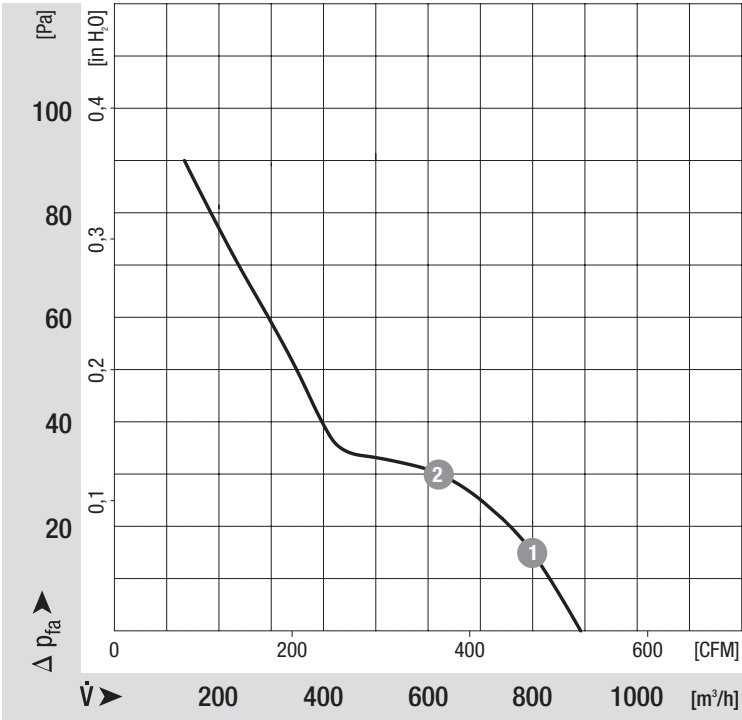


Star (3~ 400 VAC)



AC axial fan with guard grille for full nozzle
straight blades (A series)

Charts: Air flow 50 Hz



Measured values

	n	P ₁	I
	[min ⁻¹]	[W]	[A]
1	1420	32	0.09
2	1410	33	0.09

Charts: Air flow 60 Hz

