

# AC centrifugal blowers

single inlet, Ø 225



- **Material:** scroll housing and impeller made of galvanised sheet steel
- **Type of protection:** IP54 (please note drilled condensate discharges)
- **Approval:** complying with EN 60034-1
- **Locked-rotor protection:** thermal overload protector brought out

ebm-papst • Mulfingen

Nominal data		Characteristic	Voltage	Frequency	Air flow	Speed/rpm	Power input	Current draw	Capacitor	Noise level	Min. back pressure	Perm. amb. temp.	Mass
Type	Motor	VAC	Hz	m³/h	min⁻¹	W	A	µF/VDB	dB(A)	Pa	°C	kg	
G4D 225-FK10 -03 <sup>(1)(2)</sup>	M4D094-FA	①	400 Y	50	1590	1350	380	0,75	---	73	0	90	9,7
			400 Y	60	1670	1500	540	0,94	---	74	50	55	
G4D 225-GK10 -03 <sup>(1)(2)(3)</sup>	M4D094-FA	②	400 Y	50	1830	1310	460	0,85	---	75	0	75	9,7
			400 Y	60	1630	1520	515	0,90	---	73	200	60	
G4E 225-DK05 -03 <sup>(1)</sup>	M4E094-FA	③	230	50	1540	1330	395	1,98	6,0/450	73	0	70	9,8
			230	60	1480	1500	500	2,30	6,0/450	73	100	50	
G4E 225-EK05 -03 <sup>(1)(3)</sup>	M4E094-FA	④	230	50	1770	1260	485	2,30	6,0/450	74	0	55	9,8
			230	60	1510	1470	510	2,30	6,0/450	72	200	45	

subject to alterations

<sup>(1)</sup> Insulation class "F"

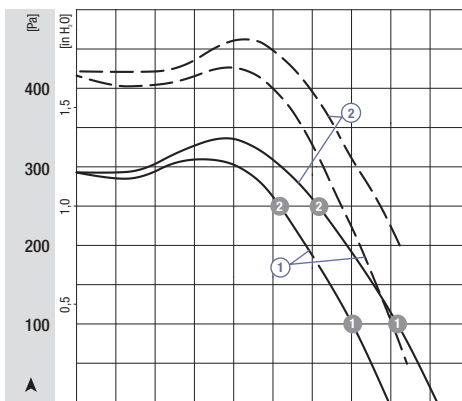
<sup>(2)</sup> 400 VAC Δ/Y for two speed steps available on request

<sup>(3)</sup> Data collected via exhaust duct of 1 m length serving as diffuser

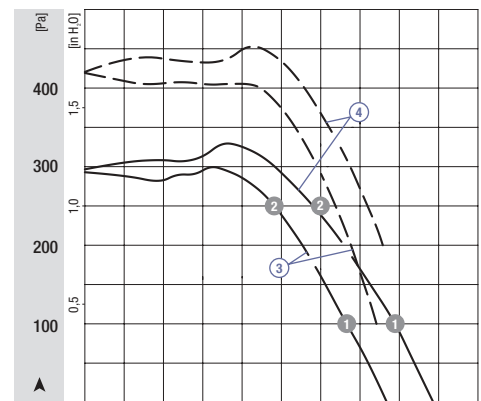
	n [min <sup>-1</sup> ]	P <sub>1</sub> [W]
① ①	1380	325
① ②	1420	228
② ①	1345	388
② ②	1400	271

	n [min <sup>-1</sup> ]	P <sub>1</sub> [W]
③ ①	1365	339
③ ②	1415	255
④ ①	1320	401
④ ②	1395	292

## Characteristics



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## Dimensions

Type	C	D	E	S
G4D 225-FK10 -03	200	180	146	90
G4D 225-GK10 -03	304	284	250	180
G4E 225-DK05 -03	200	180	146	90
G4E 225-EK05 -03	304	284	250	180

