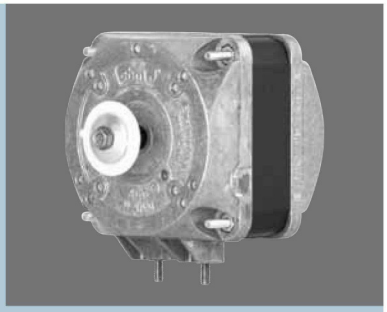
Square shaded-pole motors (Q-motors)

	Standard design	302
	Multi-function design	304
	Frigo design	305
	Plug terminal design	306
	UL and CSA design	307
	Air performance curves	308



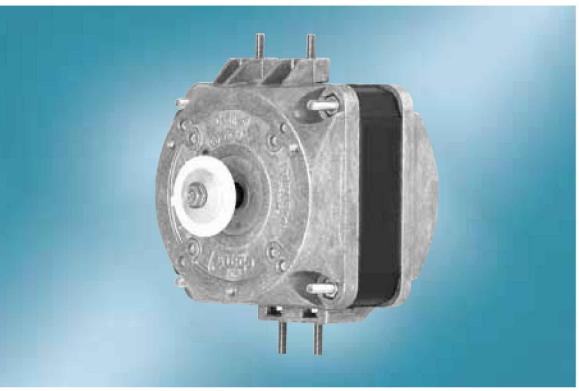
Table of options

		Standard	Multi-function	Frigo	Plug terminal	UL and CSA
	= available ex stock	Page 302	Page 304	Page 305	Page 306	Page 307
Foot measure	18 mm (height 48 mm)		●	●		
	26 mm (height 51 mm)	●	●		●	●
Mount	A side (3 x M4, Ø 71.4 mm)		●			
	B side (3 x M4, Ø 71.4 mm)		●	●		
	Thread ends, A side (4 x M4)	●	●	●	●	●
Electr. terminals	Jacketed cable (3 x 0.5 mm²)	450 mm	1500 mm	1500 mm		
	Plug terminal (3 x 0.5 mm²)				●	
	UL jacketed cable (3 x AWG20)					450 mm



Square shaded-pole motors

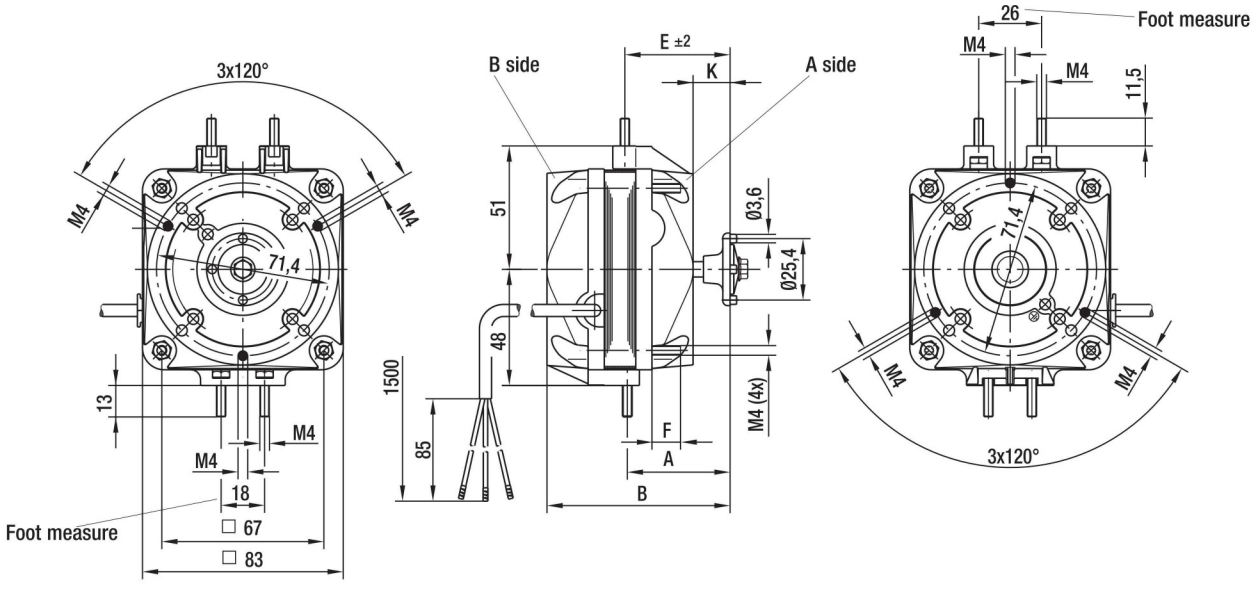
Multi-function design



- **Foot mounting:** Track dimension 26 mm (height 51 mm) or 18 mm (height 48 mm) possible
- **Bearing shields:** A and B-sides, tapped holes 3 x M4, diameter of pitch circle 71.4 mm; mounting of guard grille and wall ring on A-side bearing shield; opposite M4 are securely installed in the feet (knurled hex nuts are not included in delivery scope)
- **Type of protection:** IP 42
- **Electrical connection:** Jacketed cable 3 x 0.5 mm² with brass lead tips
- **Product conforming to standard:** CE
- **Approvals:** VDE
- **Curves:** Page 308

Nominal data	Combination: Motor axial impeller	Curve	Nominal voltage	Frequency	Speed/rpm	Power output	Power input	Current draw	Perm. amb. temp.	Mass	Dimensions				
Type	p.302		**VAC**	**Hz**	**rpm**	**W**	**W**	**A**	**°C**	**kg**	**A**	**B**	**E**	**F**	**K**
M4Q045-BD01 -75	**A**	Ⓐ	1~ 230	50	1300	5	29	0.19	-30 to +40	0.9	43	76	43.5	12	15.0
		Ⓑ	1~ 230	60	1550	5	26	0.17	-30 to +40						
M4Q045-CA01 -75	**B**	Ⓒ	1~ 230	50	1300	7	31	0.20	-30 to +40	1.1	49	82	43.5	10	15.0
		Ⓓ	1~ 230	60	1550	8	30	0.20	-30 to +40						
M4Q045-CA03 -75	**C**	Ⓔ	1~ 230	50	1300	10	36	0.25	-30 to +40	1.2	49	82	43.5	10	15.0
		Ⓕ	1~ 230	60	1550	9	34	0.22	-30 to +40						
M4Q045-CF01 -75	**D**	Ⓖ	1~ 230	50	1300	16	60	0.42	-30 to +40	1.3	54	87	43.5	10	15.0
		Ⓗ	1~ 230	60	1550	16	58	0.36	-30 to +40						
M4Q045-DA01 -75	**E**	Ⓘ	1~ 230	50	1300	18	70	0.48	-30 to +40	1.6	59	93	43.5	10	15.0
		Ⓙ	1~ 230	60	1550	18	62	0.42	-30 to +40						
M4Q045-DA05 -75	**F**	Ⓚ	1~ 230	50	1300	23	86	0.62	-30 to +40	1.6	59	93	43.5	10	15.0
		Ⓛ	1~ 230	60	1550	25	80	0.55	-30 to +40						
M4Q045-EA01 -75	**G**	Ⓜ	1~ 230	50	1300	25	90	0.62	-30 to +40	2.0	69	103	44.0	10	15.5
		Ⓝ	1~ 230	60	1550	26	80	0.55	-30 to +40						
M4Q045-EF01 -75	**H**	Ⓞ	1~ 230	50	1300	34	110	0.75	-30 to +40	2.2	92	125	61.0	10	33.0
		Ⓟ	1~ 230	60	1550	34	100	0.65	-30 to +40						

subject to alterations



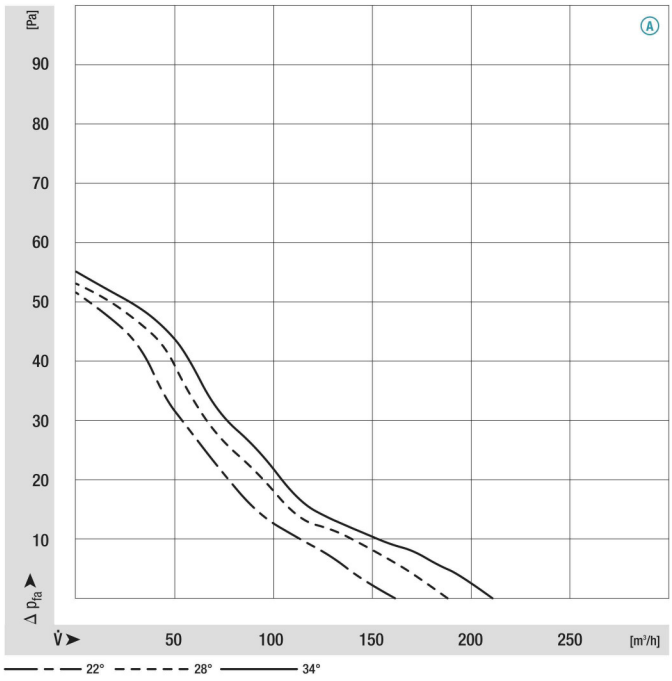
Axial impeller p. 377 | Guard grille p. 378 | Basket guard grille p. 378 | Wall ring p. 379 | Mounting bracket p. 380

ebmpapst

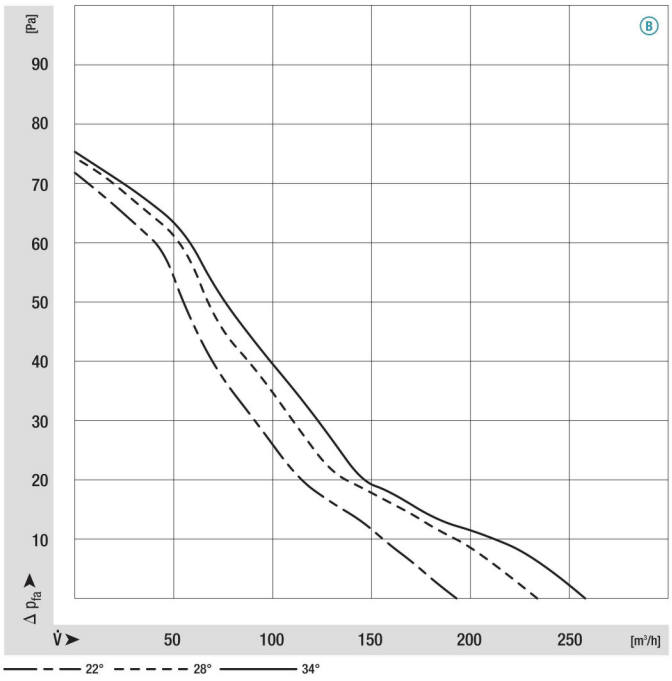
Square shaded-pole motors

Air performance curves (measured in wall ring)

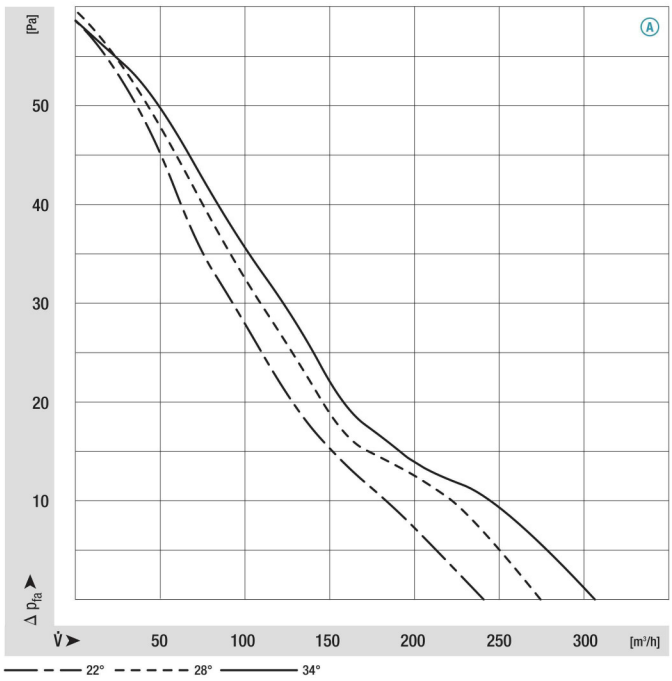
M4Q045-BD01-**, Ø 154, 50 Hz



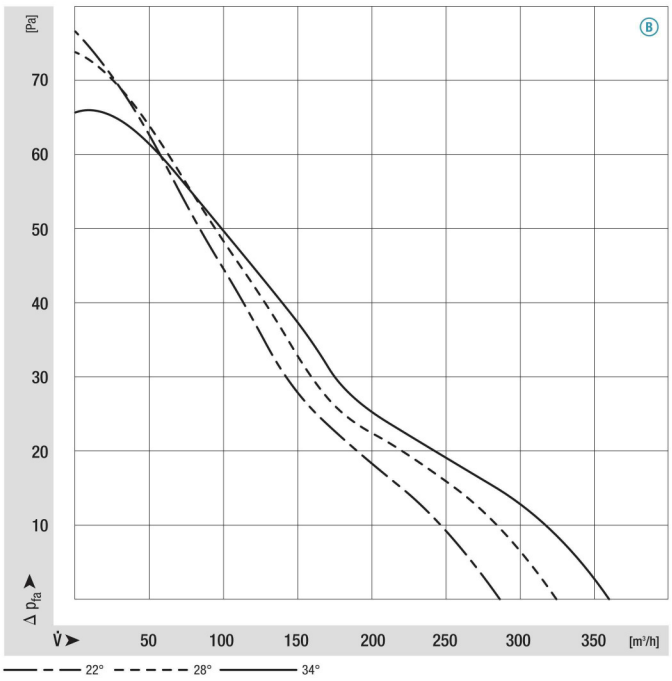
M4Q045-BD01-**, Ø 154, 60 Hz



M4Q045-BD01-**, Ø 172, 50 Hz

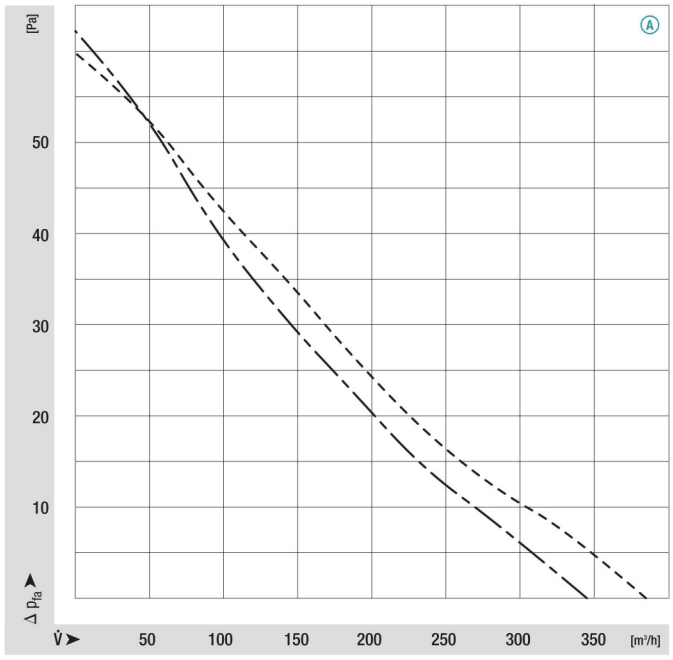


M4Q045-BD01-**, Ø 172, 60 Hz

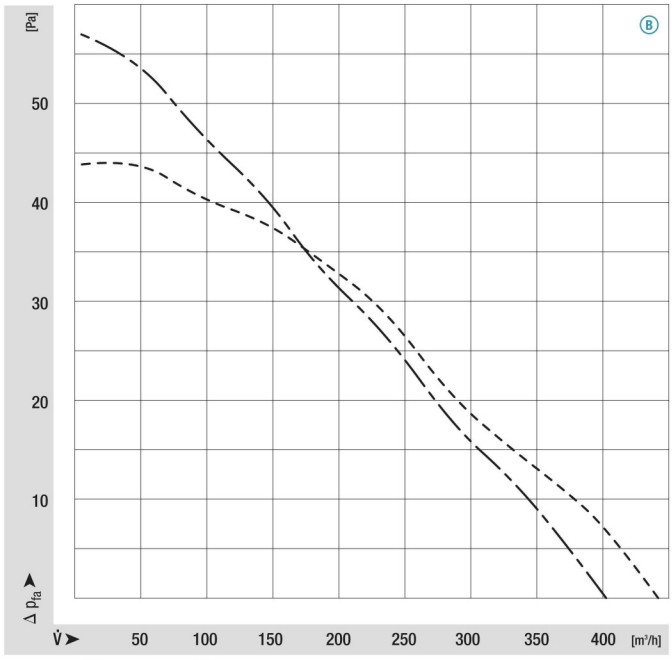


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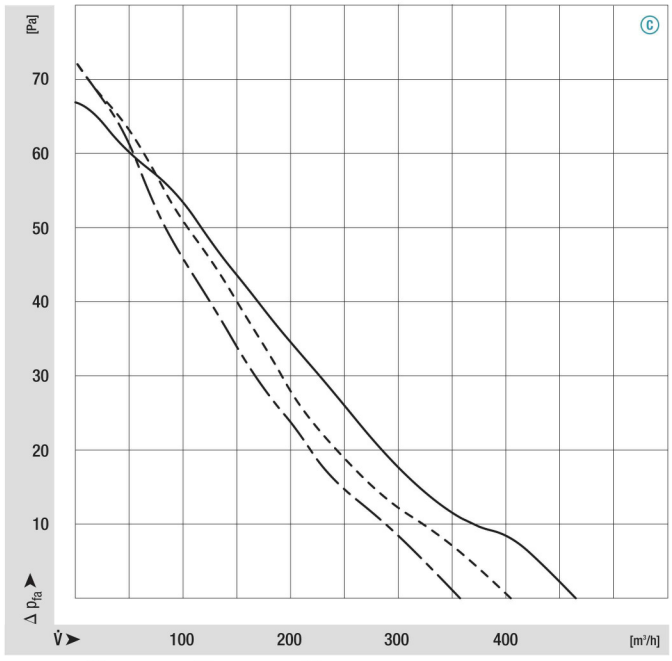
M4Q045-BD01-**, Ø 200, 50 Hz



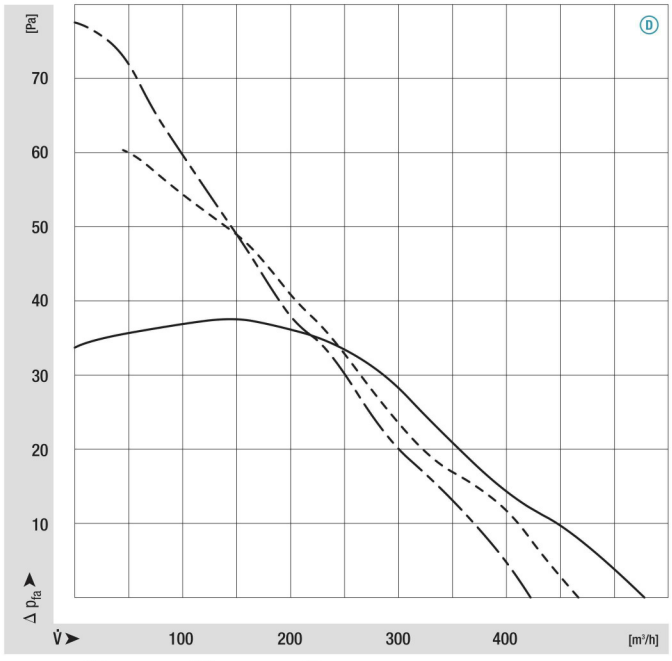
M4Q045-BD01-**, Ø 200, 60 Hz



M4Q045-CA01-**, Ø 200, 50 Hz



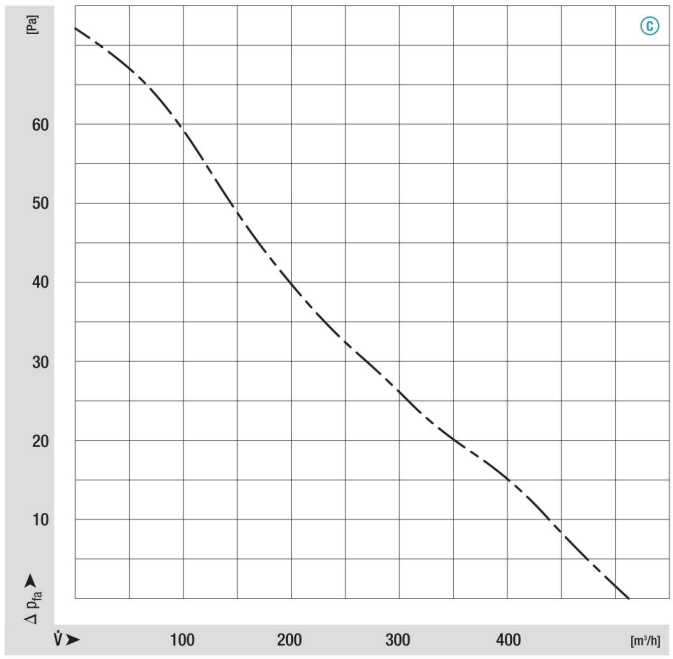
M4Q045-CA01-**, Ø 200, 60 Hz



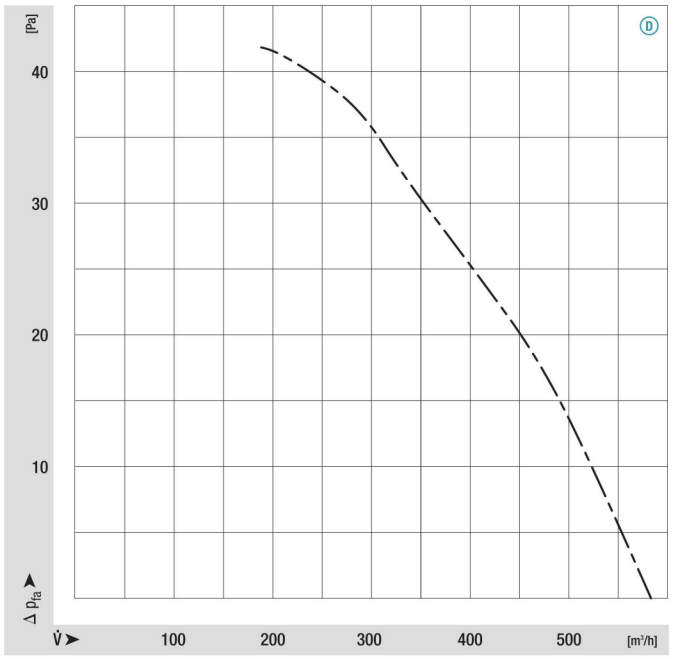
Square shaded-pole motors

Air performance curves (measured in wall ring)

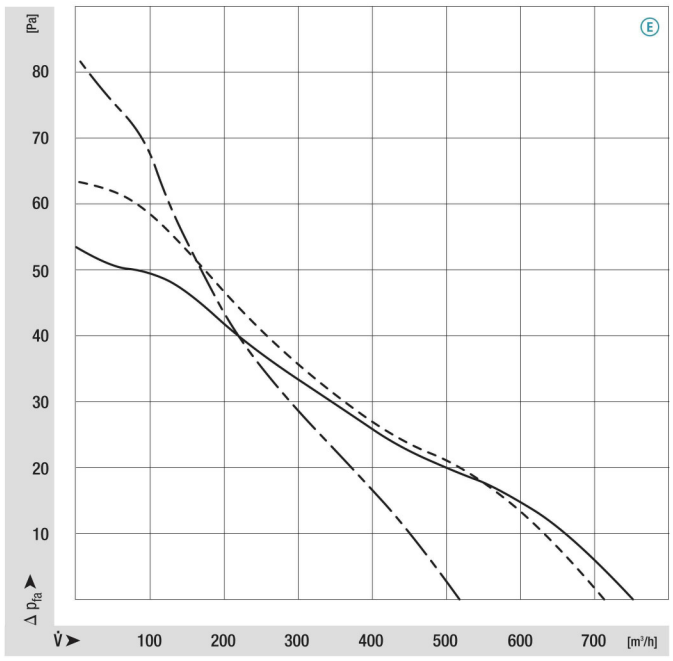
M4Q045-CA01-**, Ø 230, 50 Hz



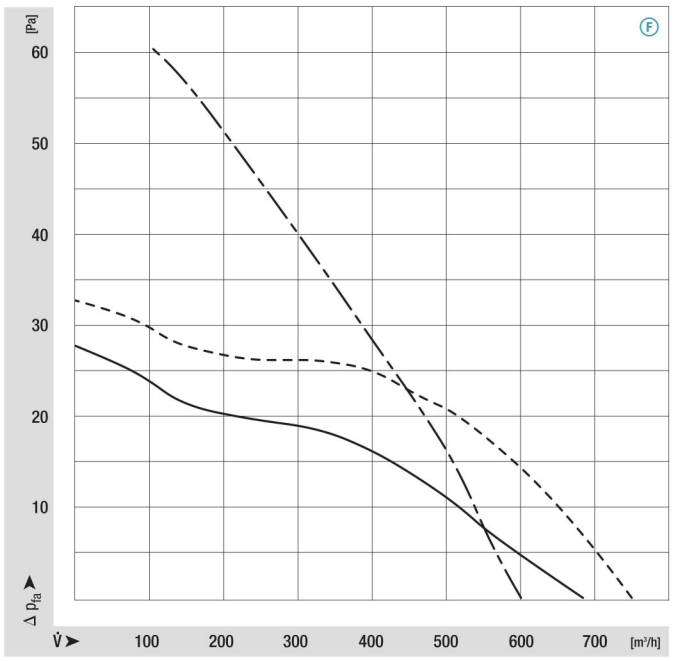
M4Q045-CA01-**, Ø 230, 60 Hz



M4Q045-CA03-**, Ø 230, 50 Hz

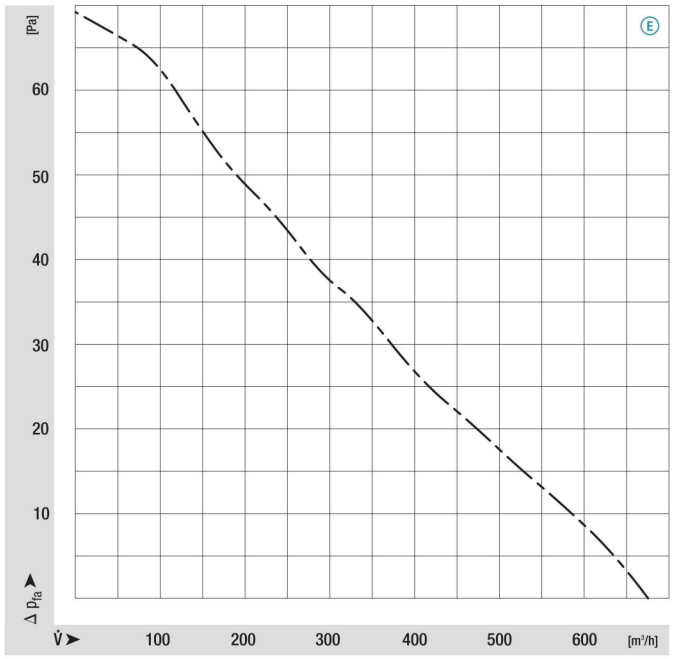


M4Q045-CA03-**, Ø 230, 60 Hz

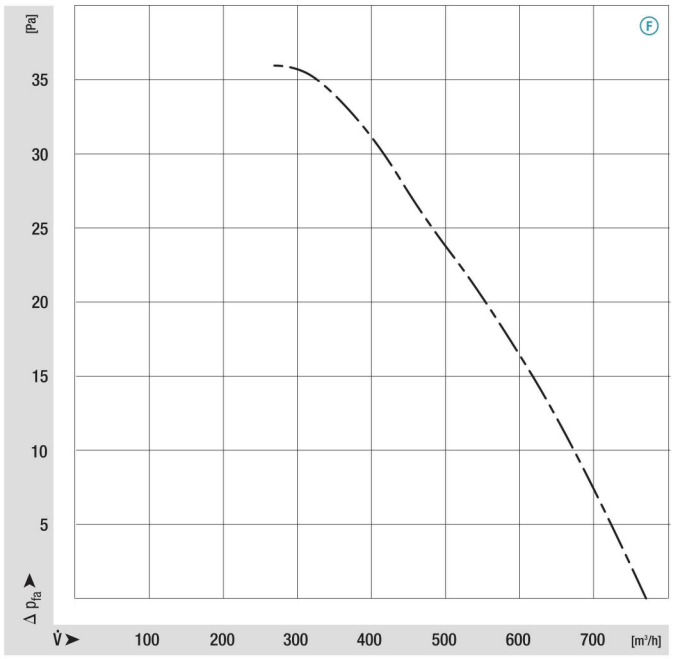


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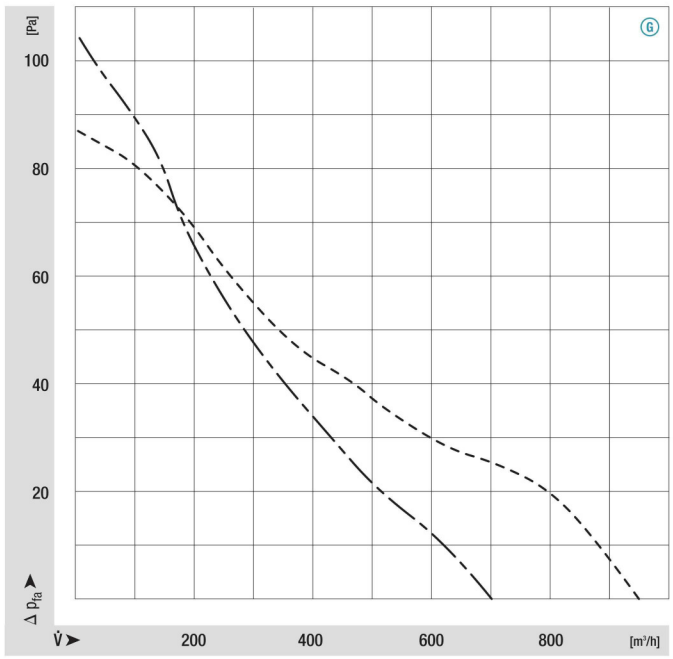
M4Q045-CA03-**, Ø 254, 50 Hz



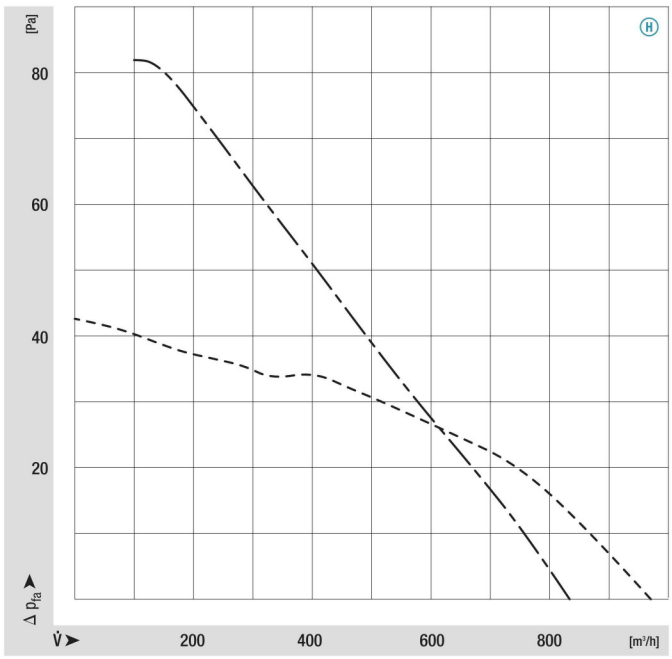
M4Q045-CA03-**, Ø 254, 60 Hz



M4Q045-CF01-**, Ø 254, 50 Hz



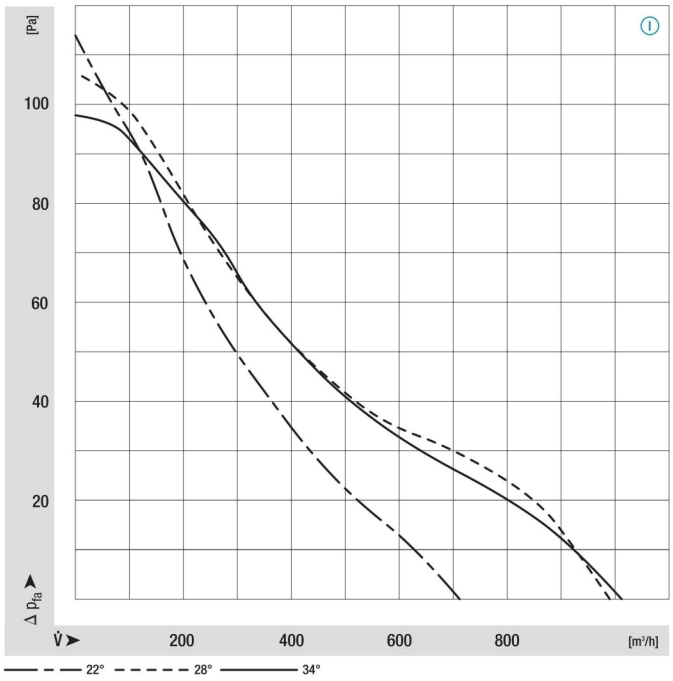
M4Q045-CF01-**, Ø 254, 60 Hz



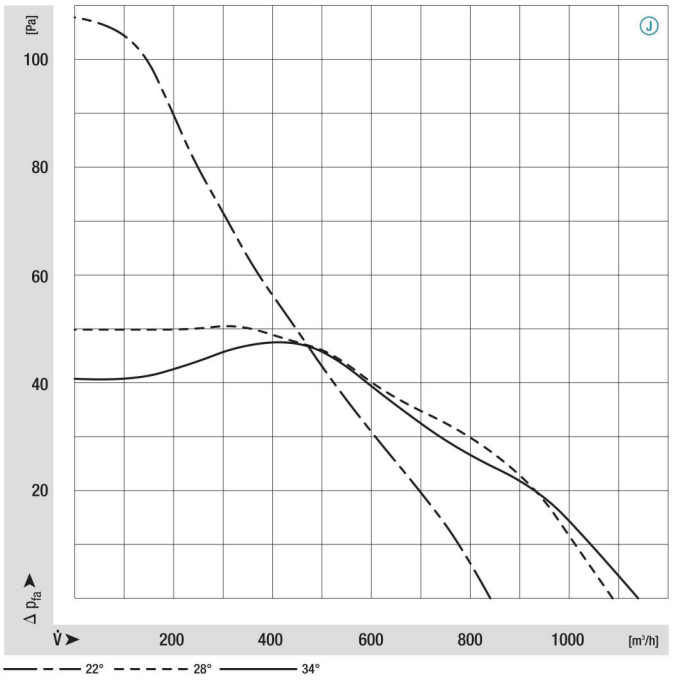
Square shaded-pole motors

Air performance curves (measured in wall ring)

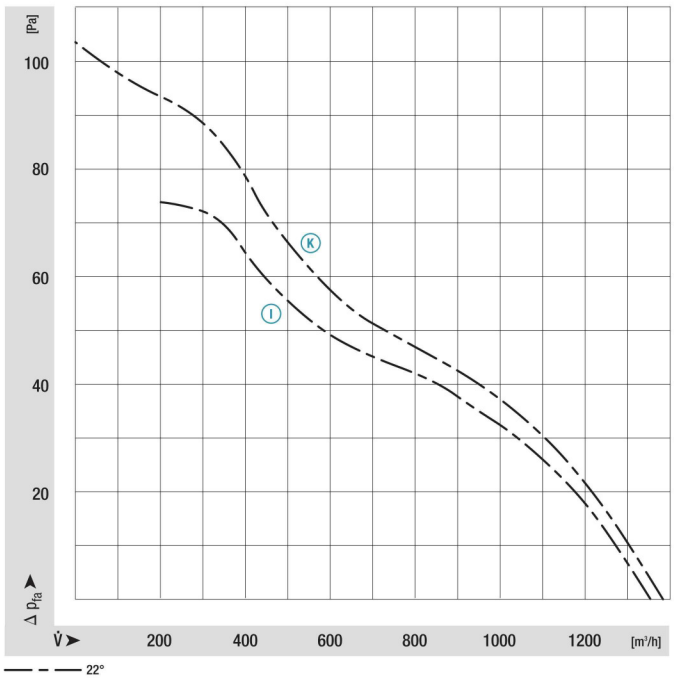
M4Q045-DA01-**, Ø 254, 50 Hz



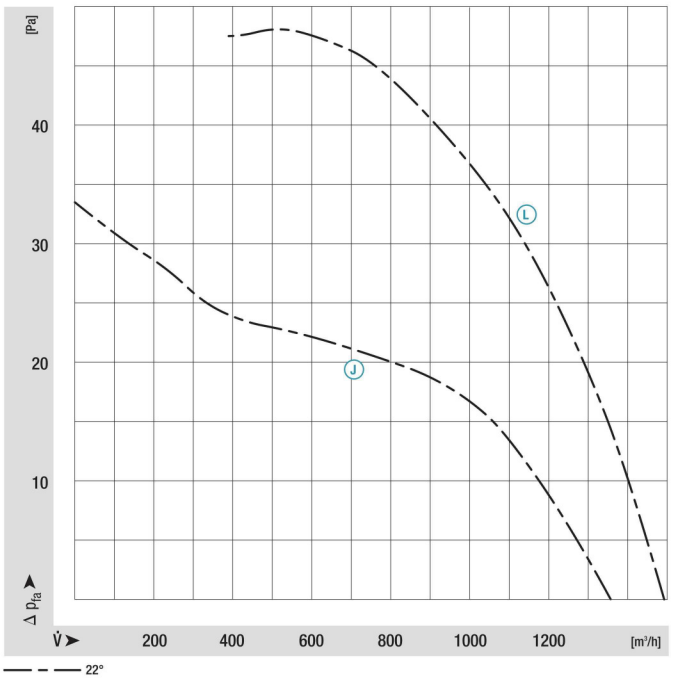
M4Q045-DA01-**, Ø 254, 60 Hz



Ⓘ M4Q045-DA01-** / Ⓚ -DA05-**, Ø 300, 50 Hz

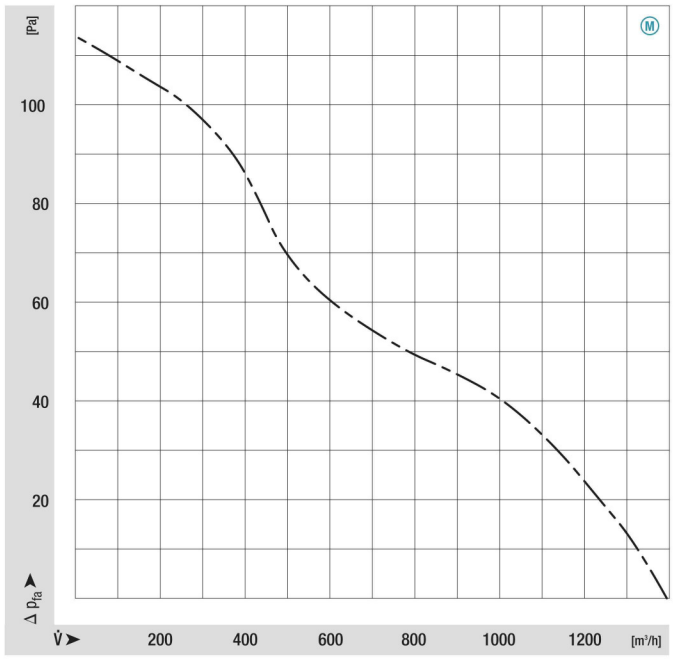


Ⓙ M4Q045-DA01-** / Ⓛ -DA05-**, Ø 300, 60 Hz

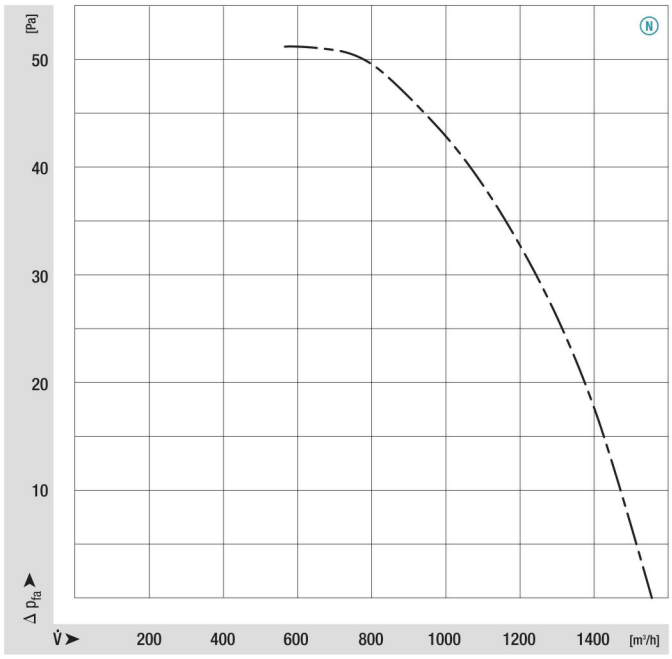


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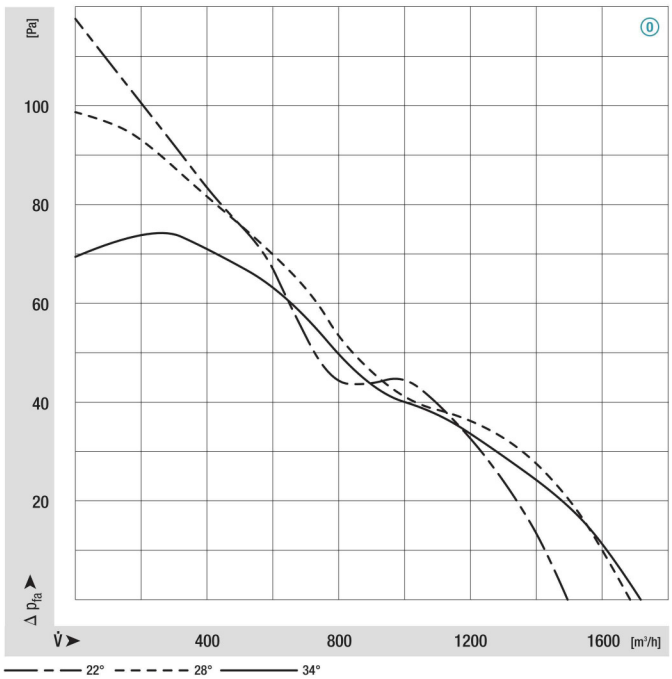
M4Q045-EA01-**, Ø 300, 50 Hz



M4Q045-EA01-**, Ø 300, 60 Hz



M4Q045-EF01-**, Ø 300, 50 Hz



M4Q045-EF01-**, Ø 300, 60 Hz

