

Square shaded-pole motors

UL and CSA design



- **Description:** Designs with UL/CSA approvals; connection lines, temperature monitor and dynamo wire are UL/CSA-approved components
- **Foot mounting:** Track dimension 26 mm (height 51 mm)
- **Type of protection:** IP 42
- **Electrical connection:** Jacketed cable 3 x AWG20 with brass lead tips
- **Product conforming to standard:** UL547, UL1004, CSA C22.2 No. 100, CSA C22.2 No. 77, CE
- **Approvals:** UL, CSA
- **Curves:** Page 308
- **Drawing:** See standard design on page 302

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		B	E	K
M4Q045-BD03 -04 (2)	A	(A) (B)	1 ~ 115 1 ~ 115	50 60	1300 1550	5 5	29 26	0.38 0.35	-30 to +40 -30 to +40	0.9		76	42	15
M4Q045-BD01 -04 (2)	A	(A) (B)	1 ~ 230 1 ~ 230	50 60	1300 1550	5 5	29 26	0.19 0.17	-30 to +40 -30 to +40	0.9		76	42	15
M4Q045-CA17 -04 (2)	B	(C) (D)	1 ~ 115 1 ~ 115	50 60	1300 1550	7 8	31 30	0.40 0.40	-30 to +40 -30 to +40	1.1		82	42	15
M4Q045-CA01 -04 (2)	B	(C) (D)	1 ~ 230 1 ~ 230	50 60	1300 1550	7 8	31 30	0.20 0.20	-30 to +40 -30 to +40	1.1		82	42	15
M4Q045-CA27 -04 (2)	C	(E) (F)	1 ~ 115 1 ~ 115	50 60	1300 1550	10 9	36 34	0.50 0.45	-30 to +40 -30 to +40	1.2		82	42	15
M4Q045-CA25 -04 (2)	C	(E) (F)	1 ~ 230 1 ~ 230	50 60	1300 1550	10 9	36 34	0.25 0.22	-30 to +40 -30 to +40	1.2		82	42	15
M4Q045-CF07 -04 (2)	D	(G) (H)	1 ~ 115 1 ~ 115	50 60	1300 1550	16 16	60 58	0.80 0.74	-30 to +40 -30 to +40	1.3		87	42	15
M4Q045-CF01 -04 (2)	D	(G) (H)	1 ~ 230 1 ~ 230	50 60	1300 1550	16 16	60 58	0.42 0.36	-30 to +40 -30 to +40	1.3		87	42	15
M4Q045-DA11 -04 (1)(3)	E	(I) (J)	1 ~ 115 1 ~ 115	50 60	1300 1550	18 18	70 62	0.98 0.87	-30 to +40 -30 to +40	1.6		93	54	15
M4Q045-DA01 -04 (1)(3)	E	(I) (J)	1 ~ 230 1 ~ 230	50 60	1300 1550	18 18	70 62	0.48 0.42	-30 to +40 -30 to +40	1.6		93	54	15
M4Q045-DA13 -04 (1)(3)	F	(K) (L)	1 ~ 115 1 ~ 115	50 60	1300 1550	23 25	86 80	1.25 1.10	-30 to +40 -30 to +40	1.6		93	54	15
M4Q045-DA05 -04 (1)(3)	F	(K) (L)	1 ~ 230 1 ~ 230	50 60	1300 1550	23 25	86 80	0.62 0.55	-30 to +40 -30 to +40	1.6		93	54	15
M4Q045-EA03 -04 (1)(3)	G	(M) (N)	1 ~ 115 1 ~ 115	50 60	1300 1550	25 26	90 80	1.25 1.10	-30 to +40 -30 to +40	2.0		103	59	16
M4Q045-EA01 -04 (1)(3)	G	(M) (N)	1 ~ 230 1 ~ 230	50 60	1300 1550	25 26	90 80	0.62 0.55	-30 to +40 -30 to +40	2.0		103	59	16
M4Q045-EF03 -04 (1)(3)	H	(O) (P)	1 ~ 115 1 ~ 115	50 60	1300 1550	34 34	110 100	1.50 1.35	-30 to +40 -30 to +40	2.2		125	79	33
M4Q045-EF01 -04 (1)(3)	H	(O) (P)	1 ~ 230 1 ~ 230	50 60	1300 1550	34 34	110 100	0.75 0.65	-30 to +40 -30 to +40	2.2		125	79	33

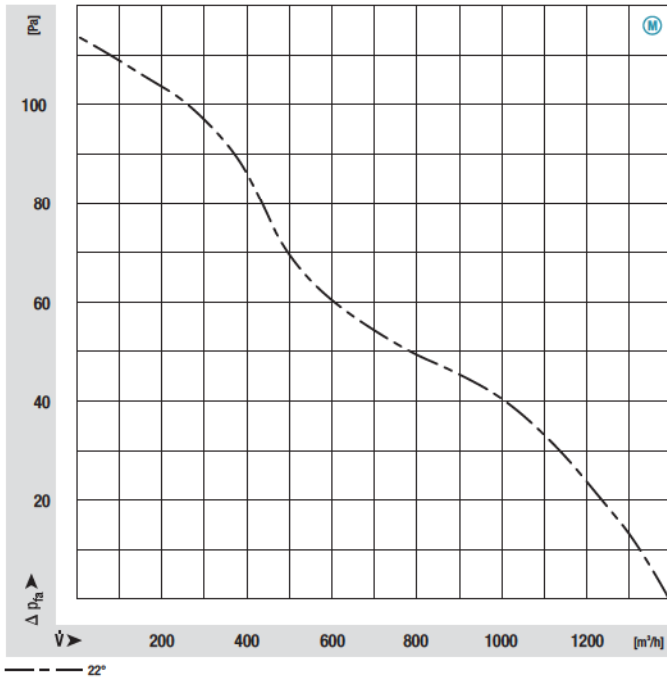
subject to alterations.

(1) A and B-side foot mounting possible

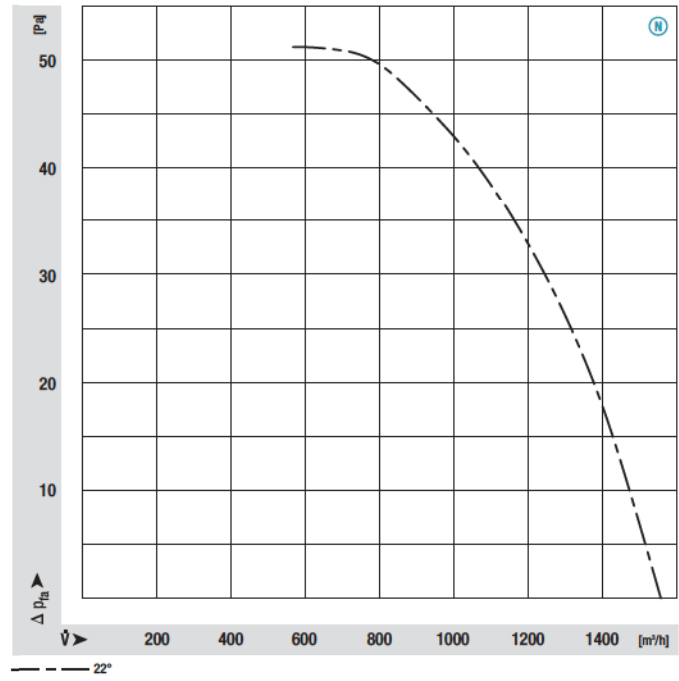
(2) File No. E 171165

(3) File No. E 76226

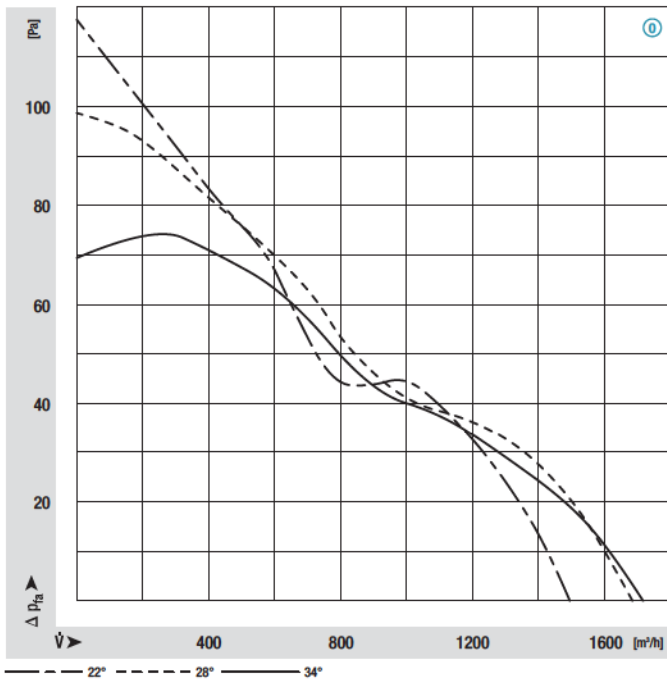
M4Q045-EA01-**, Ø 300, 50 Hz



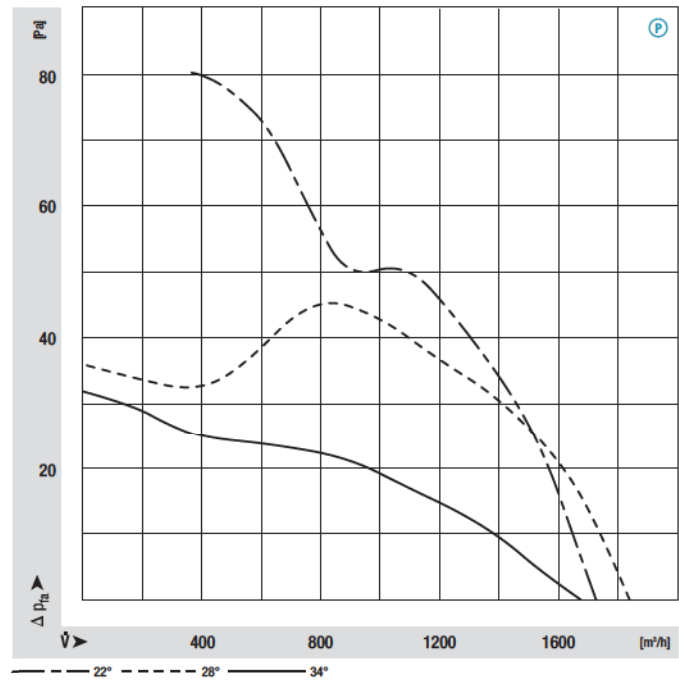
M4Q045-EA01-**, Ø 300, 60 Hz



M4Q045-EF01-**, Ø 300, 50 Hz



M4Q045-EF01-**, Ø 300, 60 Hz



Square shaded-pole motors

Standard design



- **Foot mounting:** Track dimension 26 mm (height 51 mm)
- **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			VAC	Hz	rpm	W	W	A	°C	kg	B	E	K
M4Q045-BD01 -01	A	(A)	1~ 230	50	1300	5	29	0.19	-30 to +40	0.9	76	42	15
		(B)	1~ 230	60	1550	5	26	0.17	-30 to +40				
M4Q045-CA01 -01	B	(C)	1~ 230	50	1300	7	31	0.20	-30 to +40	1.1	82	42	15
		(D)	1~ 230	60	1550	8	30	0.20	-30 to +40				
M4Q045-CA03 -51	C	(E)	1~ 230	50	1300	10	36	0.25	-30 to +40	1.2	82	42	15
		(F)	1~ 230	60	1550	9	34	0.22	-30 to +40				
M4Q045-CF01 -01	D	(G)	1~ 230	50	1300	16	60	0.42	-30 to +40	1.3	87	42	15
		(H)	1~ 230	60	1550	16	58	0.36	-30 to +40				
M4Q045-DA01 -01 (1)	E	(I)	1~ 230	50	1300	18	70	0.48	-30 to +40	1.6	93	54	15
		(J)	1~ 230	60	1550	18	62	0.42	-30 to +40				
M4Q045-DA05 -01 (1)	F	(K)	1~ 230	50	1300	23	86	0.62	-30 to +40	1.6	93	54	15
		(L)	1~ 230	60	1550	25	80	0.55	-30 to +40				
M4Q045-EA01 -01 (1)	G	(M)	1~ 230	50	1300	25	90	0.62	-30 to +40	2.0	103	59	16
		(N)	1~ 230	60	1550	26	80	0.55	-30 to +40				
M4Q045-EF01 -01 (1)	H	(O)	1~ 230	50	1300	34	110	0.75	-30 to +40	2.2	125	79	33
		(P)	1~ 230	60	1550	34	100	0.65	-30 to +40				

subject to alterations

(1) Foot mounting possible on A or B side

