

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



MLFB-Ordering data: 1LE1502-1EC43-4AA4

Motor type: 1CV1184C

Client order no.:
Order no.:
Offer no.:
Remarks:

Item no.:
Consignment no.:
Project:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N I _f /I _N	M _A /M _N T _f /T _N	M _K /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	15.00	- / -	32.00	975	147.0	87.7	88.5	87.9	0.77	0.69	0.56	6.1	2.3	3.0	IE1
690	Y	50	15.00	- / -	18.60	975	147.0	87.7	88.5	87.9	0.77	0.69	0.56	6.1	2.3	3.0	IE1
460	Δ	60	18.00	- / -	31.50	1170	147.0	90.2	91.0	90.5	0.79	0.72	0.60	6.2	2.1	2.8	IE1
IM B3 / IM 1001			FS 180 L		155 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	56 dB(A) ¹⁾	59 dB(A) ¹⁾
Moment of inertia	0.17 kg m ²	
Bearing DE NDE	6210 Z C3	6210 Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Locating bearing NDE	
Condensate drainage holes	Yes (standard)	
External earthing terminal	Yes (standard)	
Vibration severity grade	A	
Insulation	155(F) to 130(B)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	cast iron	
Data of anti condensation heating	-/-	
Coating (paint finish)	Standard paint finish C2	
Color, paint shade	RAL7030	
Motor protection	(A) without (Standard)	
Method of cooling	IC411 - self ventilated, surface cooled	

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Notes	
I _A /I _N = locked rotor current / current nominal	M _K /M _N = break down torque / nominal torque
M _A /M _N = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411

Terminal box	
Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 J01
Contact screw thread	M5
Max. cross-sectional area	16.0 mm ²
Cable diameter from ... to ...	19.0 mm - 28.0 mm
Cable entry	2xM40x1,5
Cable gland	2 plugs

Special design (0)

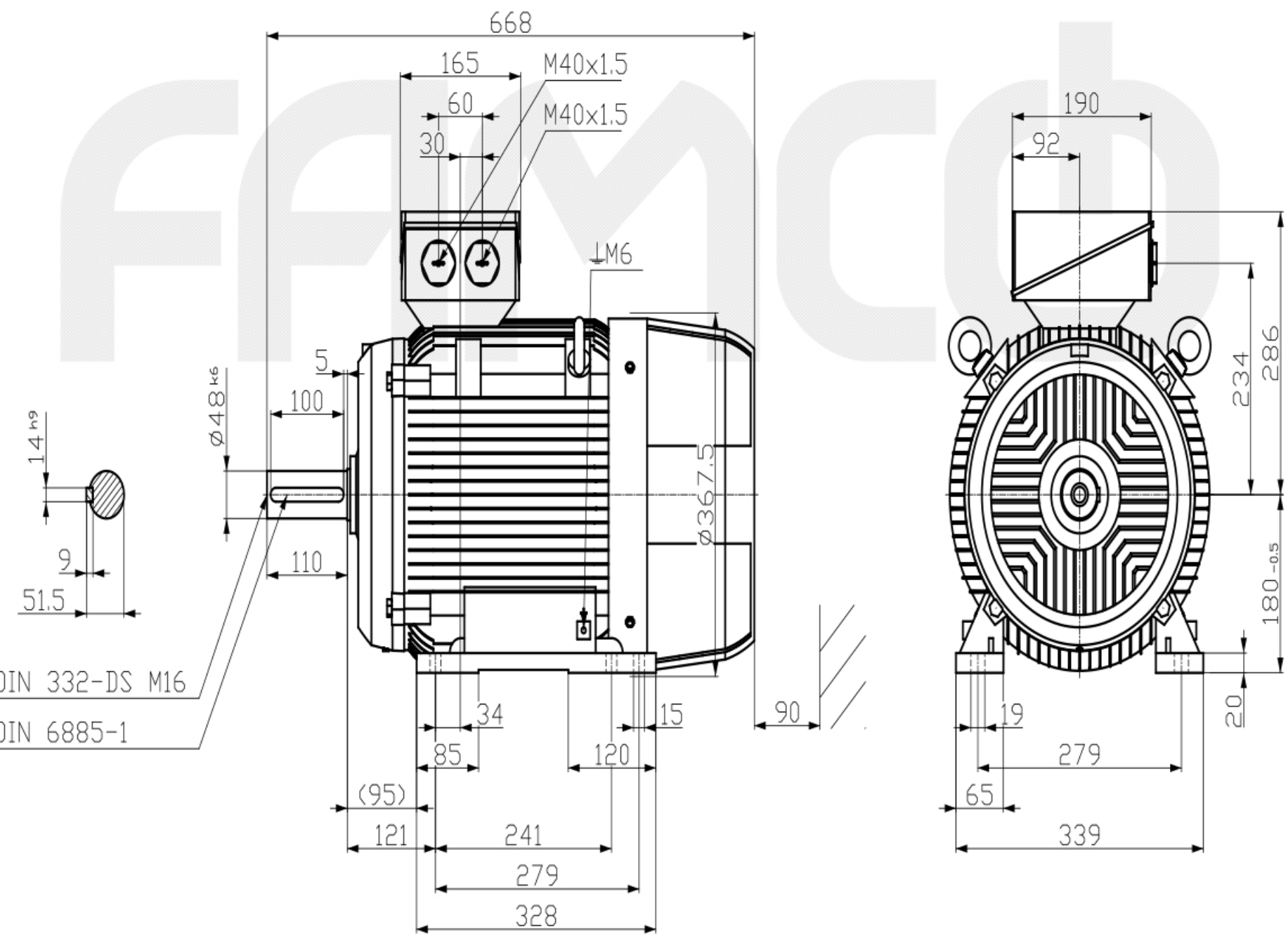
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Tolerance	Surface	Material	Weight	Scale
1LE1502-1EC43-4AA4	Author	Dimensional drawing Maßzeichnung		
	Creditor			
	Approval			
	Department			
	Change Order	MFB	Doc. Type	
	Doc. State	1/21/19	Item No.	Paper Size A3
	Revision	Index RS	Doc. No.	1st Language en
				2nd Language de
	Project No.	-	Ref. No.	Sheet 1 of 1

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