

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



MLFB-Ordering data: 1LE1502-3AA23-4AA4

Motor type: 1CV1312A
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	132.00	- / -	230.00	2982	423.0	93.5	93.2	92.5	0.89	0.88	0.83	7.6	2.3	3.0	IE1
690	Y	50	132.00	- / -	133.00	2982	423.0	93.5	93.2	92.5	0.89	0.88	0.83	7.6	2.3	3.0	IE1
460	Δ	60	148.00	- / -	220.00	3582	395.0	94.1	93.6	92.3	0.90	0.90	0.84	7.7	2.3	2.8	IE1
IM B3 / IM 1001			FS 315 M		740 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	80 dB(A) ¹⁾	84 dB(A) ¹⁾
Moment of inertia	1.40 kg m ²	
Bearing DE NDE	6316 C3	6316 C3
Relubrication interval/quantity	30 g 30 g 3000 h	
Lubricants	Esso Unirex N3	
Regreasing device	Yes (standard)	
Grease nipple	M10x1 DIN 3404 A	
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 Q01
Contact screw thread	M12
Max. cross-sectional area	240.0 mm ²
Cable diameter from ... to ...	38.0 mm - 45.0 mm
Cable entry	2xM63x1,5
Cable gland	2 plugs

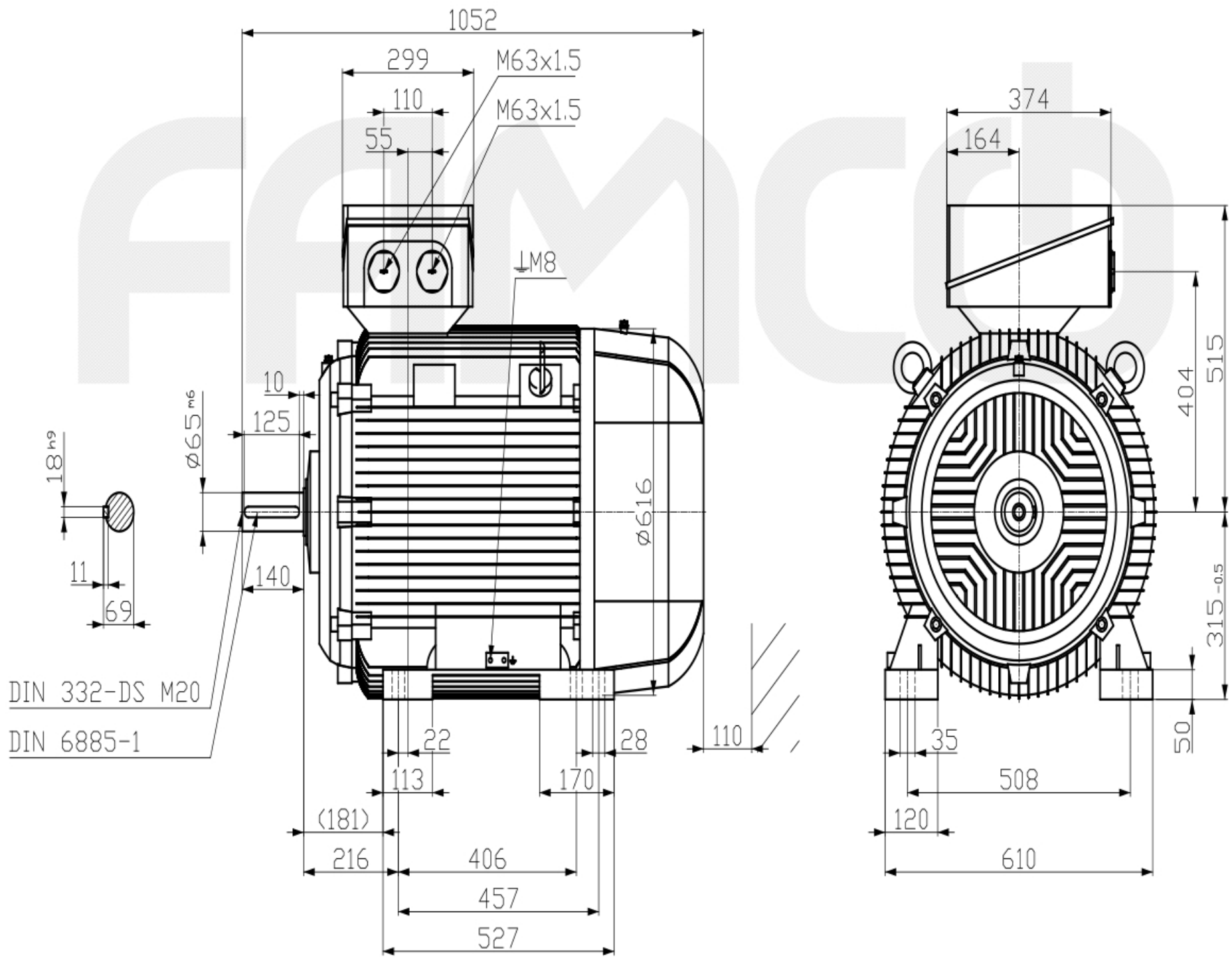
Special design (0)

Tel: 48 0000 49 (60 Lines)

Transmittal, reproduction, dissemination and/or editing of this document as well as utilization of its contents and communication thereof to others without express authorization are prohibited. Offenders will be held liable for any damages and/or legal action. Grant or registration of a utility model or design patent are reserved.

Weitergabe sowie Vervielfältigung, Verbreitung und/oder Bearbeitung dieses Dokuments, sowie Verwertung und Mitteilung seines Inhaltes sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Nachdruck, Vervielfältigung und Verbreitung, auch auszugsweise, ist ohne schriftliche Genehmigung Siemens AG. Gebrauchsmuster- oder Geschmacksmerkmalanmeldung vorbehalten.

Confía a titre de secret d'entreprise. Tous droits réservés. Comunicado como secreto empresarial. Reservados todos los derechos. Dosepenta a secretos empresariais. Reservados todos os direitos. Confiado como secreto de empresa. Nos reservamos todos los derechos.



Tel: 48 0000 49 (60 Lines)

Tolerance	Surface	Material	Weight	Scale
1LE1502-3AA23-4AA4	Author	Dimensional drawing	-	mm
	Creditor	Maßzeichnung		
	Approval			
	Department			
	Change Order	MFB	Doc Type	
	Doc State	1/22/19	Item No	Paper Size A3
	Revision	Index	Doc No	1st Language en
				2nd Language de
	Project No	-	Ref No	Sheet 1 of 1

© Siemens AG 2018