

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



MLFB-Ordering data: 1LE1502-3AA53-4AA4

Motor type: 1CV1315A

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	200.00	- / -	335.00	2982	640.0	94.0	93.9	93.5	0.92	0.91	0.87	7.1	2.2	2.8	IE1
690	Y	50	200.00	- / -	194.00	2982	640.0	94.0	93.9	93.5	0.92	0.91	0.87	7.1	2.2	2.8	IE1
460	Δ	60	224.00	- / -	325.00	3582	597.0	94.1	93.9	93.2	0.92	0.91	0.88	7.1	2.4	2.7	IE1
IM B3 / IM 1001			FS 315 L		1000 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	2.10 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)

