

SIEMENS

Data sheet for three-phase Squirrel-Cage-Motors



MLFB-Ordering data: 1LE1502-2AB53-4AA4

Motor type: 1CV1205B

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	30.00	- / -	58.00	1472	195.0	90.7	91.5	91.4	0.83	0.78	0.68	6.9	2.3	3.1	IE1
690	Y	50	30.00	- / -	33.50	1472	195.0	90.7	91.5	91.4	0.83	0.78	0.68	6.9	2.3	3.1	IE1
460	Δ	60	34.50	- / -	56.00	1772	186.0	92.4	93.1	93.0	0.84	0.80	0.70	7.3	2.3	3.0	IE1
IM B3 / IM 1001			FS 200 L		220 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

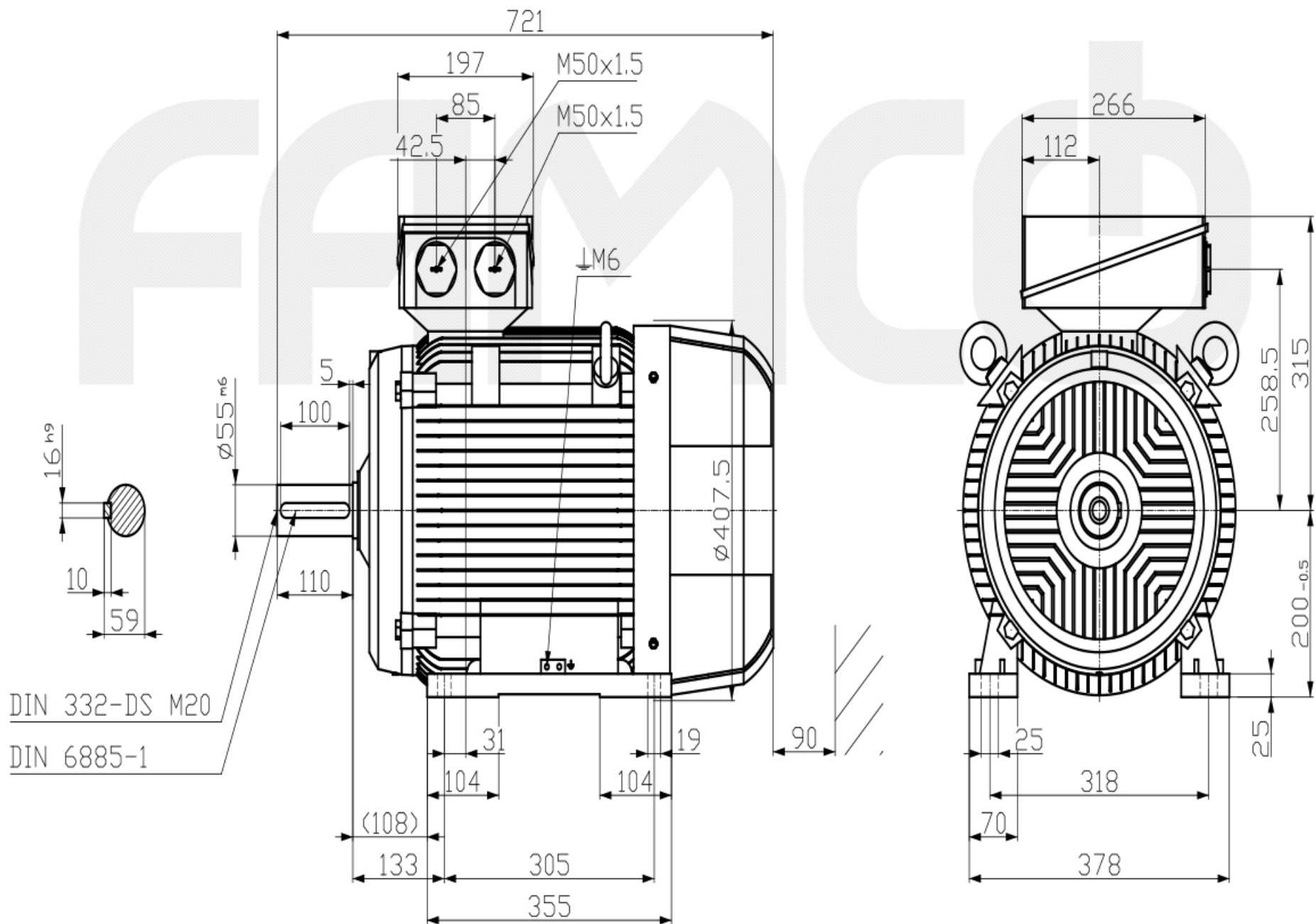
Mechanical data		
Sound pressure level 50Hz/60Hz (load)	64 dB(A) ¹⁾	68 dB(A) ¹⁾
Moment of inertia	0.20 kg m ²	
Bearing DE NDE	6212 Z C3	6212 Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Locating bearing NDE	
Condensate drainage holes	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 L01
Contact screw thread	M6
Max. cross-sectional area	25.0 mm ²
Cable diameter from ... to ...	27.0 mm - 35.0 mm
Cable entry	2xM50x1,5
Cable gland	2 plugs

Special design (0)



Tel: 48 0000 49 (60 Lines)

Tolerance	Surface	Material	Weight -	Scale  mm
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