



MLFB-Ordering data: **1LE1502-2AA53-4AA4**

Motor type: **1CV1205A**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

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 _A /I _N	M_A/M_N T _A /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	37.00	- / -	67.00	2955	120.0	91.2	91.6	91.2	0.88	0.86	0.79	8.2	2.7	3.5	IE1
690	Y	50	37.00	- / -	38.50	2955	120.0	91.2	91.6	91.2	0.88	0.86	0.79	8.2	2.7	3.5	IE1
460	Δ	60	41.50	- / -	64.00	3555	111.0	91.7	92.0	91.6	0.89	0.87	0.81	8.3	2.8	3.5	IE1
IM B3 / IM 1001			FS 200 L		230 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	72 dB(A) ¹⁾	77 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.15 kg m ²		Material of terminal box	cast iron
Bearing DE NDE	6212 Z C3	6212 Z C3	Type of terminal box	TB1 L01
Bearing lifetime	40000 h		Contact screw thread	M6
Lubricants	Unirex N3		Max. cross-sectional area	25.0 mm ²
Regreasing device	No		Cable diameter from ... to ...	27.0 mm - 35.0 mm
Grease nipple	- / -		Cable entry	2xM50x1,5
Type of bearing	Locating bearing NDE		Cable gland	2 plugs
Condensate drainage holes	Yes (standard)		Special design (0)	
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