



MLFB-Ordering data: 1LE1502-2BB03-4FA4

Motor type: 1CV1220B

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	37.00	- / -	69.00	1475	240.0	91.2	91.6	91.1	0.85	0.81	0.71	7.0	2.3	3.2	IE1
690	Y	50	37.00	- / -	40.00	1475	240.0	91.2	91.6	91.1	0.85	0.81	0.71	7.0	2.3	3.2	IE1
460	Δ	60	42.50	- / -	67.00	1775	229.0	93.0	93.3	92.5	0.86	0.83	0.74	7.0	2.3	3.2	IE1
IM B5 / IM 3001			FS 225 S		260 kg		IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN					

Mechanical data

Sound pressure level 50Hz/60Hz (load)	68 dB(A) ¹⁾	72 dB(A) ¹⁾
Moment of inertia	0.37 kg m ²	
Bearing DE NDE	6213 Z C3	6213 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_A¹⁾ = 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	M8
Max. cross-sectional area	35.0 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)

