



MLFB-Ordering data:

1LE1501-1BA23-4AB4-Z
B02

Safe Area

Motor type:

1CV2112A

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 1/1 _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	4.00	- / -	7.90	2945	13.0	85.8	86.2	85.1	0.85	0.79	0.68	8.0	2.1	3.6	IE2
690	Y	50	4.00	- / -	4.60	2945	13.0	85.8	86.2	85.1	0.85	0.79	0.68	8.0	2.1	3.6	IE2
460	Δ	60	4.55	- / -	7.60	3540	12.3	87.5	87.7	86.4	0.86	0.82	0.72	8.3	2.2	3.6	IE2
460	Δ	60		- / -	6.40	3555	9.9	87.5	86.9	84.6	0.83	0.77	0.66	9.9	2.7	4.5	IE2
IM B3 / IM 1001			FS 112 M		39 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data

Sound pressure level 50Hz/60Hz (load)	69 dB(A) ¹⁾	73 dB(A) ¹⁾
Moment of inertia	0.0092 kg m ²	
Bearing DE NDE	6206 2Z C3	6206 2Z C3
Bearing lifetime	40000 h	
Lubricants	Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
Condensate drainage holes	Yes (standard)	
External earthing terminal		
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	(B) 3 PTC thermistors - for tripping (2 terminals)	
Method of cooling	IC411 - self ventilated, surface cooled	

Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	TB1 F01
Contact screw thread	M4
Max. cross-sectional area	4.0 mm ²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5-1xM16x1,5
Cable gland	3 plugs

Special design (1)

B02 Acceptance test certificate 3.1 acc. to EN 10204

Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Notes

I_A/I_N = locked rotor current / current M_K/M_N = break down torque / nominal torque
 M_A/M_N = locked rotor torque / torque 1) Value is valid only for DOL operation with motor design