



MLFB-Ordering data: **1LE1002-0CB32-2KA4**

Motor type: **1AV1073B**

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	M_A/M_N	M_K/M_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	I_A/I_N	T_i/T_N	T_B/T_N	
230	Δ	50	0.37	- / -	1.88	1350	2.6	66.0	67.7	65.0	0.75	0.66	0.52	3.2	2.0	2.0	IE1
400	Y	50	0.37	- / -	1.08	1350	2.6	66.0	67.7	65.0	0.75	0.66	0.52	3.2	2.0	2.0	IE1
460	Y	60	0.43	- / -	1.03	1650	2.5	70.0	71.3	68.9	0.75	0.66	0.53	3.6	2.1	2.1	IE1
IM B14 / IM 3601		FS 71 M			IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	54 dB(A) ¹⁾	50 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.00077 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6202 2Z C3	6202 2Z C3	Type of terminal box	TB1 B00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Unirex N3		Max. cross-sectional area	1.5 mm ²
Regreasing device	No		Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -		Cable entry	1xM25x1,5
Type of bearing	Preloaded bearing DE		Cable gland	1 plug
Condensate drainage holes	No		Special design (0)	
External earthing terminal				
Vibration severity grade	A			
Insulation	155(F) to 130(B)			
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	aluminum			
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