



MLFB-Ordering data: **1LE1002-0CC32-2KA4**

Motor type: **1AV1073C**

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			$I_A/I_N$   $I/I_N$	$M_A/M_N$   $T/T_N$	$M_k/M_N$   $T_B/T_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	0.25	- / -	1.70	860	2.8	52.1	52.8	48.4	0.71	0.59	0.46	2.2	2.0	2.0	IE1
400	Y	50	0.25	- / -	0.98	860	2.8	52.1	52.8	48.4	0.71	0.59	0.46	2.2	2.0	2.0	IE1
460	Y	60	0.28	- / -	0.90	1070	2.6	57.5	58.1	54.2	0.70	0.59	0.46	2.5	2.0	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)	51 dB(A) <sup>1)</sup>	53 dB(A) <sup>1)</sup>	Terminal box position	top
Moment of inertia	0.0008 kg m <sup>2</sup>		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 <sup>2</sup>
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	$M_k/M_N$ = break down torque / nominal torque
$M_A/M_N$ = locked rotor torque / torque	1) at rated power