



MLFB-Ordering data: **1LE1002-0DB32-2KA4**

Motor type: **1AV1083B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P		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
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4	I_A/I_N	I_{Δ}/I_N	T_f/T_N	T_B/T_N	
230	Δ	50	0.75	- / -	3.45	1385	5.2	72.1	72.0	67.0	0.76	0.66	0.51	3.6	2.1	2.3	IE1	
400	Y	50	0.75	- / -	1.85	1385	5.2	72.1	72.0	67.0	0.76	0.66	0.51	3.6	2.1	2.3	IE1	
460	Y	60	0.86	- / -	1.87	1690	4.9	74.0	73.6	69.9	0.75	0.65	0.52	4.2	2.3	2.6	-/-	
IM B14 / IM 3601		FS 80 M			IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN										

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	53 dB(A)	55 dB(A)	Terminal box position	top
Moment of inertia	0.00377 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6004 2Z C3	6004 2Z C3	Type of terminal box	TB1 E00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Esso 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 class	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