



MLFB-Ordering data: **1LE1002-0DB22-2KA4**

Motor type: **1AV1082B**

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	$I_A/I_N$	$T_f/T_N$	$T_B/T_N$	
230	Δ	50	0.55	- / -	2.50	1385	3.8	70.0	70.7	67.7	0.79	0.69	0.55	3.7	2.1	2.2	IE1
400	Y	50	0.55	- / -	1.44	1385	3.8	70.0	70.7	67.7	0.79	0.69	0.55	3.7	2.1	2.2	IE1
460	Y	60	0.63	- / -	1.37	1685	3.6	74.0	74.2	71.4	0.78	0.69	0.56	4.3	2.3	2.5	IE1
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	0.00284 kg m <sup>2</sup>		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 <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	No			
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