



MLFB-Ordering data: **1LE1002-0EB02-2KA4**

Motor type: **1AV1090B**

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 _A /I _N	M _A /M _N T _A /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	1.10	- / -	4.55	1405	7.5	75.0	75.9	73.6	0.81	0.72	0.58	4.5	2.1	2.3	IE1
400	Y	50	1.10	- / -	2.50	1405	7.5	75.0	75.9	73.6	0.81	0.72	0.58	4.5	2.1	2.3	IE1
460	Y	60	1.27	- / -	2.50	1705	7.1	79.0	79.8	77.7	0.81	0.73	0.59	5.0	2.2	2.5	IE1
IM B14 / IM 3601		FS 90 S			IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	56 dB(A)	54 dB(A)	Terminal box position	top
Moment of inertia	0.005 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6205 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	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	Standard paint finish C2			
Color	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