



MLFB-Ordering data: **1LE1003-0EB42-2KA4**

Motor type: **1AV3094B**

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 <sub>A</sub> /I <sub>N</sub> I <sub>I</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>I</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	1.50	- / -	5.60	1445	10.0	85.3	85.9	84.9	0.80	0.73	0.60	7.2	2.7	3.6	IE3
400	Y	50	1.50	- / -	3.15	1445	10.0	85.3	85.9	84.9	0.80	0.73	0.60	7.2	2.7	3.6	IE3
460	Y	60	1.75	- / -	3.15	1740	9.6	86.5	87.0	86.9	0.80	0.73	0.61	7.5	2.6	3.7	IE3
460	Y	60	1.50	- / -	2.85	1755	8.2	86.5	86.4	84.6	0.77	0.69	0.57	8.4	3.0	4.3	IE3
IM B14 / IM 3601			FS 90 L		19 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	56 dB(A)   58 dB(A)	Terminal box position	top
Moment of inertia	0.0049 kg m <sup>2</sup>	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 <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