



MLFB-Ordering data: **1LE1002-0EC42-2KA4**

Motor type: **1AV1094C**

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 _f /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	- / -	5.50	925	11.0	72.9	73.8	71.2	0.69	0.59	0.46	3.8	2.2	2.4	IE1
400	Y	50	1.10	- / -	3.15	925	11.0	72.9	73.8	71.2	0.69	0.59	0.46	3.8	2.2	2.4	IE1
460	Y	60	1.27	- / -	3.10	1125	11.0	75.0	75.9	73.7	0.69	0.60	0.47	4.3	2.2	2.6	IE1
IM B14 / IM 3601		FS 90 L			IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data

Sound pressure level 50Hz/60Hz (load)	58 dB(A)	57 dB(A)
Moment of inertia	0.00402 kg m ²	
Bearing DE NDE	6205 2Z C3	6004 2Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
Condensate drainage holes	No	
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	

Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 E00
Contact screw thread	M4
Max. cross-sectional area	1.5 mm ²
Cable diameter from ... to ...	9.0 mm - 17.0 mm
Cable entry	1xM25x1,5
Cable gland	1 plug

Special design

Environmental conditions

Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m