



MLFB-Ordering data: **1LE1002-0BB22-2KA4**

Motor type: **1AV1062B**

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 <sub>A</sub> /I <sub>N</sub> I <sub>L</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>r</sub> /T <sub>N</sub>	M <sub>k</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
230	Δ	50	0.12	- / -	0.85	1360	0.8	50.0	47.3	39.1	0.71	0.62	0.50	2.5	1.6	1.8	IE1
400	Y	50	0.12	- / -	0.49	1360	0.8	50.0	47.3	39.1	0.71	0.62	0.50	2.5	1.6	1.8	IE1
460	Y	60	0.14	- / -	0.42	1670	0.8	62.0	58.4	49.8	0.68	0.59	0.48	2.8	1.7	2.2	IE1
IM B14 / IM 3601		FS 63 M			IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN									

### Mechanical data

Sound pressure level 50Hz/60Hz (load)	
Moment of inertia	0.00029 kg m <sup>2</sup>
Bearing DE   NDE	6201 2ZC3   6201 2ZC3
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	
Vibration severity grade	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

### Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 B00
Contact screw thread	M4
Max. cross-sectional area	1.5 mm <sup>2</sup>
Cable diameter from ... to ...	9.0 mm - 17.0 mm
Cable entry	
Cable gland	

### Special design (0)

### Environmental conditions

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