



**Ordering data:** 1LE1003-0EC02-2AA4

**Motor type:** 1AV3090C

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>A</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>f</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	0.75	- / -	3.45	945	7.6	78.9	80.0	78.5	0.70	0.62	0.50	4.6	2.2	2.6	IE3
400	Y	50	0.75	- / -	1.96	945	7.6	78.9	80.0	78.5	0.70	0.62	0.50	4.6	2.2	2.6	IE3
460	Y	60	0.86	- / -	1.87	1140	7.2	82.5	83.0	81.5	0.70	0.62	0.50	4.9	2.1	2.7	IE3

IM B3 / IM 1001	FS 90 S	16 kg	IP55	IEC/EN 60034	IEC, DIN, ISO, VDE, EN
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Mechanical data		Terminal box	
Sound pressure level 50 Hz/60Hz (load)	43 db(A)   46 db(A)	Terminal box position	top
Moment of inertia	0.004 kg m <sup>2</sup>	Material of terminal box	Aluminium
Bearing DE   NDE	6205 2ZC3   6004 2ZC3	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 NDE	Cable gland	1 plugs
Condensate drainage holes	No	<b>Environmental conditions</b>	
External earthing terminal	No	Ambient temperature	-20 °C - +40 °C
Vibration class	A	Altitude above sea level	1000 m
Insulation	155(F) to 130(B)	<b>Special design</b>	
Duty type	S1		
Direction of rotation	bidirectional		
Frame material	aluminum		
Data of anti condensation heating	-/-		
Coating	Special paint finish		
Color	RAL7030		
Motor protection	(A) without (Standard)		
Method of cooling	IC411 - self ventilated, surface cooled		