



**Ordering data:** 1LE1001-0DA32-2AA4

**Motor type:** 1AV2083A

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	1.10	- / -	4.20	2835	3.7	79.6	79.6	78.6	0.83	0.79	0.69	6.0	2.7	3.1	IE2
400	Y	50	1.10	- / -	2.40	2835	3.7	79.6	79.6	78.6	0.83	0.79	0.69	6.0	2.7	3.1	IE2
460	Y	60	1.27	- / -	2.30	3430	3.5	82.5	82.5	81.5	0.84	0.80	0.71	6.3	2.7	3.3	IE2

IM B3 / IM 1001		FS 80 M	11 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)	60 db(A)   64 db(A)	Terminal box position	top
Moment of inertia	0.0011 kg m <sup>2</sup>	Material of terminal box	Aluminium
Bearing DE   NDE	6004 2ZC3   6004 2ZC3	Type of terminal box	TB1 D00
Bearing lifetime	40000 h	Contact screw thread	M3,5
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		