



**Ordering data:** 1LE1003-1BC22-2FA4

**Motor type:** 1AV3112C

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>B</sub> /I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>T</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	2.20	- / -	8.80	970	22.0	84.3	85.1	83.8	0.75	0.68	0.55	5.6	2.2	2.8	IE3
400	Y	50	2.20	- / -	5.00	970	22.0	84.3	85.1	83.8	0.75	0.68	0.55	5.6	2.2	2.8	IE3
460	Y	60	2.54	- / -	4.90	1170	21.0	87.5	88.1	86.9	0.75	0.69	0.57	5.9	2.2	2.8	IE2

IM B5 / IM 3001		FS 112 M	34 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)	65 db(A)	65 db(A)		Terminal box position	top		
Moment of inertia	0.017 kg m <sup>2</sup>			Material of terminal box	Aluminium		
Bearing DE   NDE	6206 2ZC3	6206 2ZC3		Type of terminal box	TB1 F00		
Bearing lifetime	40000 h			Contact screw thread	M4		
Lubricants	Esso Unirex N3			Max. cross-sectional area	4.0 mm <sup>2</sup>		
Regreasing device	No			Cable diameter from ... to ...	11.0 mm - 21.0 mm		
Grease nipple	- / -			Cable entry	2xM32x1,5		
Type of bearing	Preloaded bearing NDE			Cable gland	2 plugs		
Condensate drainage holes	No			Environmental conditions			
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)			Special design			
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						