



Ordering data: **1LE1003-1BA23-4FA4**

Motor type: **1AV3112A**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P		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>f</sub> /T <sub>N</sub>	M <sub>K</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
			[kW]	[hp]				4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	4.00	- / -	7.30	2945	13.0	88.1	89.1	88.7	0.90	0.87	0.80	8.2	1.8	3.5	IE3
690	Y	50	4.00	- / -	4.25	2945	13.0	88.1	89.1	88.7	0.90	0.87	0.80	8.2	1.8	3.5	IE3
460	Δ	60	4.55	- / -	7.30	3545	12.0	87.5	88.1	87.3	0.90	0.87	0.81	8.5	2.0	3.7	IE2
460	Δ	60	4.00	- / -	6.00	3560	9.9	88.5	88.3	86.6	0.88	0.84	0.76	10.3	2.5	4.5	IE3
IM B5 / IM 3001			FS 112 M		34 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data				Terminal box			
Sound pressure level 50Hz/60Hz (load)	69 db(A)	73 db(A)		Terminal box position	top		
Moment of inertia	0.012 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 DE			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	Standard paint finish C2						
Color	RAL7030						
Motor protection	(A) without (Standard)						
Method of cooling	IC411 - self ventilated, surface cooled						