



MLFB-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 _A /I _N I/I _N	M _A /M _N T _f /T _N	M _k /M _N T _B /T _N	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	85.0	83.9	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	85.0	83.9	0.75	0.68	0.55	5.6	2.2	2.8	IE3
460	Y	60	2.54	- / -	4.90	1170	20.0	87.5	88.1	87.1	0.75	0.68	0.56	5.9	2.2	2.8	IE2
460	Y	60	2.20	- / -	4.40	1175	18.0	87.5	87.4	85.6	0.72	0.64	0.52	6.5	2.5	3.3	IE2
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)	65 dB(A)	65 dB(A)	Terminal box position	top
Moment of inertia	0.017 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6206 2Z C3	6206 2Z C3	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 ²
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		Special design	
External earthing terminal	No			
Vibration class	A			
Insulation	155(F) to 130(B)			
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			

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