



MLFB-Ordering data: **1LE1002-1BA23-4FB4-Z
F01**

Motor type: **1AV1112A**

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	M _A /M _N	M _k /M _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4	I/I _N	T _f /T _N	T _B /T _N	
400	Δ	50	4.00	- / -	8.20	2935	13.0	83.1	82.9	80.5	0.85	0.77	0.65	8.3	3.3	4.2	IE1
690	Y	50	4.00	- / -	4.75	2935	13.0	83.1	82.9	80.5	0.85	0.77	0.65	8.3	3.3	4.2	IE1
460	Δ	60	4.55	- / -	7.80	3535	12.0	84.5	84.2	82.1	0.87	0.82	0.71	9.0	3.3	4.6	IE1
IM B5 / IM 3001		FS 112 M		25 kg	IP55	CC032A	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	
Moment of inertia	0.0067 kg m ²		top	
Bearing DE NDE	6206 2Z C3	6206 2Z C3	Material of terminal box	
Bearing lifetime	40000 h		Aluminium	
Lubricants	Esso Unirex N3		Type of terminal box	
Regreasing device	No		TB1 F00	
Grease nipple	- / -		Contact screw thread	
Type of bearing	Preloaded bearing DE		M4	
Condensate drainage holes	No		Max. cross-sectional area	
External earthing terminal			4.0 mm ²	
Vibration severity grade	A		Cable diameter from ... to ...	
Insulation	155(F) to 130(B)		11.0 mm - 21.0 mm	
Duty type	S1		Cable entry	
Direction of rotation	bidirectional		2xM32x1,5-1xM16x1,5	
Frame material	aluminum		Cable gland	
Data of anti condensation heating	- / -		3 plugs	
Coating (paint finish)	Standard paint finish C2			
Color, paint shade	RAL7030			
Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)			
Method of cooling	IC411 - self ventilated, surface cooled			

Special design (1)

F01 Mounting a brake

Environmental conditions

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