



MLFB-Ordering data: **1LE1002-1BB24-0FA4-Z**
F01+F11

Motor type: **1AV1112B**

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/T_N	M_k/M_N T_B/T_N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
500	Δ	50	4.00	- / -	6.70	1435	27.0	83.1	84.3	84.0	0.83	0.77	0.65	6.1	2.5	2.9	IE1
575	Δ	60	4.55	- / -	6.50	1735	25.0	85.0	86.1	85.1	0.83	0.78	0.66	6.8	2.5	3.2	IE1
IM B5 / IM 3001		FS 112 M		27 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN									

Mechanical data		Terminal box	
Sound pressure level 50Hz/60Hz (load)	58 dB(A) ¹⁾ 62 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.01 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	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	2xM32x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE	Cable gland	3 plugs
Condensate drainage holes	No	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Special design (2)</p> <p>F01 Mounting a brake</p> <p>F11 Brake supply voltage, 230 V AC, 50/60 Hz</p> </div>	
External earthing terminal			
Vibration severity grade	A		
Insulation	155(F) to 130(B)		
Duty type	S1		
Direction of rotation	bidirectional		
Frame material	aluminum		
Data of anti condensation heating	-/-		
Coating (paint finish)	Standard paint finish C2		
Color, paint shade	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

Notes

I_A/I_N = locked rotor current / current nominal M_k/M_N = break down torque / nominal torque
 M_A/M_N = locked rotor torque / torque nominal 1) Value is valid only for DOL operation with motor design IC411