



MLFB-Ordering data: **1LE1002-1CB23-4FA4**

Motor type: **1AV1132B**

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_A/I_N	T_f/T_N	T_B/T_N	
400	Δ	50	7.50	- / -	15.40	1450	49.5	86.0	86.5	85.4	0.82	0.76	0.64	6.6	2.6	3.1	IE1
690	Y	50	7.50	- / -	8.90	1450	49.5	86.0	86.5	85.4	0.82	0.76	0.64	6.6	2.6	3.1	IE1
460	Δ	60	8.60	- / -	14.70	1750	47.0	87.5	87.8	86.7	0.84	0.79	0.68	7.0	2.4	3.0	IE1
IM B5 / IM 3001		FS 132 M		44 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN									

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	64 dB(A) ¹⁾	68 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.024 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6208 2Z C3	6208 2Z C3	Type of terminal box	TB1 H00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Unirex N3		Max. cross-sectional area	6.0 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 (0)	
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_k/M_N = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411