



MLFB-Ordering data: **1LE1023-1CC02-2AA4**

Motor type: **1AV3130C**

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				
230	Δ	50	3.00	- / -	12.10	975	29.5	85.6	86.1	84.9	0.73	0.65	0.52	6.6	2.3	3.2	IE3
400	Y	50	3.00	- / -	6.90	975	29.5	85.6	86.1	84.9	0.73	0.65	0.52	6.6	2.3	3.2	IE3
460	Y	60	3.45	- / -	6.50	1175	28.0	89.5	89.9	89.0	0.74	0.67	0.54	6.9	2.2	3.3	IE3
460	Y	60	3.00	4.00	6.00	1180	24.5	89.5	89.5	87.9	0.70	0.64	0.53	7.6	2.6	3.8	MG1
IM B3 / IM 1001		FS 132 S			42 kg	IP55	CC032A	IEC/EN 60034		IEC, EN, UL, CSA, NEMA MG1-12-12			kVA Code: L				

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	63 dB(A) ¹⁾	67 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.034 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	M_k/M_N = break down torque / nominal torque
M_A/M_N = locked rotor torque / torque	1) at rated power