



MLFB-Ordering data: **1LE1002-1CC03-4FA4**

Motor type: **1AV1130C**

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 _l /T _N	M _k /M _N T _B /T _N	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	3.00	- / -	7.30	955	30.0	79.7	79.9	77.1	0.74	0.66	0.52	4.6	2.0	2.6	IE1
690	Y	50	3.00	- / -	4.25	955	30.0	79.7	79.9	77.1	0.74	0.66	0.52	4.6	2.0	2.6	IE1
460	Δ	60	3.45	- / -	6.90	1150	28.5	83.5	83.7	81.4	0.75	0.67	0.55	4.6	1.9	2.3	IE1
IM B5 / IM 3001		FS 132 S		34 kg		IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

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	0.017 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		
External earthing terminal			
Vibration severity grade	A	Special design (0)	
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