



MLFB-Ordering data: **1LE1001-1CC23-4AA4**

Motor type: **1AV2132C**

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 <sub>A</sub> /I <sub>N</sub> I/I <sub>N</sub>	M <sub>A</sub> /M <sub>N</sub> T <sub>r</sub> /T <sub>N</sub>	M <sub>k</sub> /M <sub>N</sub> T <sub>B</sub> /T <sub>N</sub>	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	4.00	- / -	9.10	970	39.0	84.6	85.5	84.3	0.75	0.68	0.55	5.0	1.6	2.3	IE2
690	Y	50	4.00	- / -	5.30	970	39.0	84.6	85.5	84.3	0.75	0.68	0.55	5.0	1.6	2.3	IE2
460	Δ	60	4.55	- / -	8.70	1170	37.0	87.5	88.6	87.9	0.75	0.69	0.56	5.3	1.6	2.4	IE2
460	Δ	60		- / -	7.50	1180	30.0	87.5	87.5	85.7	0.71	0.63	0.50	6.2	1.9	3.0	IE2
IM B3 / IM 1001			FS 132 M		43 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	63 dB(A) <sup>1)</sup>	67 dB(A) <sup>1)</sup>	Terminal box position	top
Moment of inertia	0.029 kg m <sup>2</sup>		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 <sup>2</sup>
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 <sub>A</sub> /I <sub>N</sub> = locked rotor current / current nominal	M <sub>k</sub> /M <sub>N</sub> = break down torque / nominal torque
M <sub>k</sub> /M <sub>N</sub> = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411