



MLFB-Ordering data: **1LE1003-1CA02-2FA4**

Motor type: **1AV3130A**

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				
230	Δ	50	5.50	- / -	17.20	2950	18.0	89.2	90.0	89.7	0.90	0.87	0.79	7.4	1.8	3.6	IE3
400	Y	50	5.50	- / -	9.90	2950	18.0	89.2	90.0	89.7	0.90	0.87	0.79	7.4	1.8	3.6	IE3
460	Y	60	6.30	- / -	9.80	3545	17.0	89.5	90.0	89.3	0.90	0.87	0.80	7.5	1.8	3.7	IE3
460	Y	60	5.50	- / -	8.70	3555	15.0	89.5	89.5	88.2	0.89	0.85	0.77	8.6	2.1	4.2	IE3
IM B5 / IM 3001		FS 132 S		43 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	68 dB(A)	72 dB(A)	Terminal box position	top
Moment of inertia	0.024 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	Esso 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		Special design (0)	
External earthing terminal	No			
Vibration class	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

