



MLFB-Ordering data: **1LE1003-1CB03-4FB4**

Motor type: **1AV3130B**

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 /I _N	M _A /M _N T _I /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	5.50	- / -	10.50	1470	36.0	89.6	90.1	89.5	0.84	0.79	0.69	7.2	2.1	3.4	IE3
690	Y	50	5.50	- / -	6.20	1470	36.0	89.6	90.1	89.5	0.84	0.79	0.69	7.2	2.1	3.4	IE3
460	Δ	60	6.30	- / -	10.50	1770	34.0	89.5	89.8	89.1	0.84	0.80	0.71	7.3	2.3	3.4	IE2
460	Δ	60	5.50	- / -	9.30	1775	30.0	89.5	89.4	88.2	0.83	0.78	0.68	8.2	2.6	3.9	IE2
IM B5 / IM 3001		FS 132 S		64 kg	IP55	IEC/EN 60034		IEC, DIN, ISO, VDE, EN									

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	64 dB(A)	68 dB(A)	Terminal box position	
Moment of inertia	0.034 kg m ²		top	
Bearing DE NDE	6208 2Z C3	6208 2Z C3	Material of terminal box	
Bearing lifetime	40000 h		Aluminium	
Lubricants	Esso Unirex N3		Type of terminal box	
Regreasing device	No		TB1 H00	
Grease nipple	- / -		Contact screw thread	
Type of bearing	Preloaded bearing DE		M4	
Condensate drainage holes	No		Max. cross-sectional area	
External earthing terminal			6.0 mm ²	
Vibration severity grade	A		Cable diameter from ... to ...	
Insulation	155(F) to 130(B)		11.0 mm - 21.0 mm	
Duty type	S1		Cable entry	
Direction of rotation	bidirectional		2xM32x1,5-1xM16x1,5	
Frame material	aluminum		Cable gland	
Data of anti condensation heating	- / -		3 plugs	
Coating (paint finish)	Standard paint finish C2		Special design (0)	
Color, paint shade	RAL7030			
Motor protection	(B) 3 PTC thermistors - for tripping (2 terminals)			
Method of cooling	IC411 - self ventilated, surface cooled			

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m