



MLFB-Ordering data: **1LE1003-1AB52-2AA5-Z**
F01+F11

Motor type: **1AV3105B**

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 _A /I _N	M _A /M _N T ₁ /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	- / -	10.40	1460	20.0	87.7	88.4	88.2	0.83	0.78	0.69	7.3	2.3	3.7	IE3
400	Y	50	3.00	- / -	5.90	1460	20.0	87.7	88.4	88.2	0.83	0.78	0.69	7.3	2.3	3.7	IE3
460	Y	60	3.45	- / -	5.80	1760	19.0	89.5	90.1	89.4	0.84	0.79	0.68	7.6	2.2	3.8	IE3
460	Y	60	3.00	- / -	5.20	1765	16.0	89.5	89.6	88.9	0.81	0.76	0.68	8.6	2.6	4.3	IE3
IM B3 / IM 1001		FS 100 L		30 kg	IP55	CC032A	IEC/EN 60034	IEC, DIN, ISO, VDE, EN									

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	60 dB(A)	62 dB(A)	Terminal box position	right
Moment of inertia	0.014 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6206 2Z C3	6206 2Z C3	Type of terminal box	TB1 F00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Esso Unirex N3		Max. cross-sectional area	4.0 mm ²
Regreasing device	No		Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -		Cable entry	2xM32x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE		Cable gland	3 plugs
Condensate drainage holes	No		<div style="border: 1px solid black; padding: 5px; text-align: center;"> Special design (2) </div> F01 Mounting a brake F11 Brake supply voltage, 230 V AC, 50/60 Hz	
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