



MLFB-Ordering data: **1LE1001-1AB52-2AA4**

Motor type: **1AV2105B**

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 _f /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	- / -	10.80	1455	20.0	85.5	86.4	85.6	0.82	0.76	0.64	6.9	2.0	3.1	IE2
400	Y	50	3.00	- / -	6.20	1455	20.0	85.5	86.4	85.6	0.82	0.76	0.64	6.9	2.0	3.1	IE2
460	Y	60	3.45	- / -	6.00	1755	19.0	87.5	88.2	87.3	0.82	0.77	0.65	7.5	2.0	3.1	IE2
460	Y	60	3.00	- / -	5.40	1765	16.0	87.5	87.5	86.0	0.79	0.72	0.60	8.3	2.4	3.7	IE2
IM B3 / IM 1001		FS 100 L		25 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	top
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
Type of bearing	Preloaded bearing DE		Cable gland	2 plugs
Condensate drainage holes	No		Special design (0)	
External earthing terminal				
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