



MLFB-Ordering data: **1LE1001-1AA42-2AB4**

Motor type: **1AV2104A**

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>f</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	3.00	- / -	10.60	2905	9.9	84.6	85.5	84.6	0.84	0.78	0.66	7.0	2.3	3.3	IE2
400	Y	50	3.00	- / -	6.10	2905	9.9	84.6	85.5	84.6	0.84	0.78	0.66	7.0	2.3	3.3	IE2
460	Y	60	3.45	- / -	5.80	3505	9.4	87.5	88.0	87.0	0.85	0.80	0.69	7.3	2.2	3.3	IE2
460	Y	60	3.00	- / -	5.20	3520	8.1	87.5	87.3	85.7	0.83	0.76	0.64	8.1	2.6	3.8	IE2
IM B3 / IM 1001		FS 100 L		21 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	67 dB(A)	71 dB(A)	Terminal box position	top
Moment of inertia	0.0044 kg m <sup>2</sup>		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 <sup>2</sup>
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		Special design	
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	Standard paint finish C2			
Color	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