



MLFB-Ordering data: **1LE1001-1AB42-2AA4**

Motor type: **1AV2104B**

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	2.20	- / -	8.10	1455	14.0	84.3	85.1	84.2	0.81	0.74	0.62	6.9	2.1	3.3	IE2
400	Y	50	2.20	- / -	4.65	1455	14.0	84.3	85.1	84.2	0.81	0.74	0.62	6.9	2.1	3.3	IE2
460	Y	60	2.54	- / -	4.45	1755	14.0	87.5	87.9	87.3	0.82	0.79	0.65	7.3	2.1	3.3	IE2
460	Y	60	2.20	- / -	4.05	1760	12.0	87.5	88.3	87.4	0.78	0.74	0.63	8.1	2.5	3.9	IE2
IM B3 / IM 1001		FS 100 L		21 kg	IP55	CC032A	IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

### Mechanical data

Sound pressure level 50Hz/60Hz (load)	60 dB(A)	62 dB(A)
Moment of inertia	0.0086 kg m <sup>2</sup>	
Bearing DE   NDE	6206 2Z C3	6206 2Z C3
Bearing lifetime	40000 h	
Lubricants	Esso Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
Condensate drainage holes	No	
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	(A) without (Standard)	
Method of cooling	IC411 - self ventilated, surface cooled	

### Terminal box

Terminal box position	top
Material of terminal box	Aluminium
Type of terminal box	TB1 F00
Contact screw thread	M4
Max. cross-sectional area	4.0 mm <sup>2</sup>
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

### Special design

### Environmental conditions

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