



MLFB-Ordering data: **1LE1001-1AB42-2FA4-Z**
F01+F11

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 _A /I _N I/I _N	M _A /M _N T _r /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	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 B5 / IM 3001		FS 100 L		21 kg		IP55		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	0.0086 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> <p>F01 Mounting a brake</p> <p>F11 Brake supply voltage, 230 V AC, 50/60 Hz</p>	
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