



MLFB-Ordering data: **1LE1001-0EA42-2FA4**

Motor type: **1AV2094A**

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 _l /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	- / -	7.80	2890	7.3	83.2	83.7	82.0	0.85	0.77	0.64	7.1	2.5	3.7	IE2
400	Y	50	2.20	- / -	4.50	2890	7.3	83.2	83.7	82.0	0.85	0.77	0.64	7.1	2.5	3.7	IE2
460	Y	60	2.54	- / -	4.35	3485	7.0	85.5	86.0	84.4	0.86	0.80	0.68	7.6	2.6	3.9	IE2
460	Y	60	2.20	- / -	3.90	3510	6.0	85.5	85.2	82.6	0.83	0.76	0.62	8.7	3.0	4.6	IE2
IM B5 / IM 3001		FS 90 L		15 kg		IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	65 dB(A) ¹⁾	69 dB(A) ¹⁾	Terminal box position	top
Moment of inertia	0.0021 kg m ²		Material of terminal box	Aluminium
Bearing DE NDE	6205 2Z C3	6004 2Z C3	Type of terminal box	TB1 E00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Unirex N3		Max. cross-sectional area	1.5 mm ²
Regreasing device	No		Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -		Cable entry	1xM25x1,5
Type of bearing	Preloaded bearing DE		Cable gland	1 plug
Condensate drainage holes	No		Special design (0)	
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

Notes	
I _A /I _N = locked rotor current / current	M _k /M _N = break down torque / nominal torque
M _k /M _N = locked rotor torque / torque	1) at rated power