



MLFB-Ordering data: 1LE1003-0EC42-2AA4-Z
F01+F11

Motor type: 1AV3094C

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U	Δ/Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _A /I _N	T _f /T _N	T _B /T _N	
230	Δ	50	1.10	- / -	4.95	940	11.0	81.0	82.0	80.5	0.69	0.60	0.48	4.6	2.3	2.7	IE3
400	Y	50	1.10	- / -	2.85	940	11.0	81.0	82.0	80.5	0.69	0.60	0.48	4.6	2.3	2.7	IE3
460	Y	60	1.27	- / -	3.05	1140	11.0	75.0	75.8	74.6	0.70	0.62	0.49	4.6	2.2	2.8	IE1
460	Y	60	1.10	- / -	2.80	1150	9.1	75.0	75.1	73.0	0.66	0.57	0.44	4.9	2.5	3.2	IE1
IM B3 / IM 1001			FS 90 L		19 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	43 dB(A)	46 dB(A)	Terminal box position	top
Moment of inertia	0.0048 kg m²		Material of terminal box	Aluminium
Bearing DE NDE	6205 2Z C3	6004 2Z C3	Type of terminal box	TB1 E10
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Esso Unirex N3		Max. cross-sectional area	1.5 mm²
Regreasing device	No		Cable diameter from ... to ...	9.0 mm - 17.0 mm
Grease nipple	- / -		Cable entry	1xM25x1,5-1xM16x1,5
Type of bearing	Preloaded bearing DE		Cable gland	2 plugs
Condensate drainage holes	No		Special design (2) F01 Mounting a brake F11 Brake supply voltage, 230 V AC, 50/60 Hz	
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