



MLFB-Ordering data: 1LE1001-1BA22-2AA4

Motor type: 1AV2112A

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	4.00	- / -	13.80	2945	13.0	85.8	86.2	85.1	0.85	0.79	0.68	8.0	2.1	3.6	IE2
400	Y	50	4.00	- / -	7.90	2945	13.0	85.8	86.2	85.1	0.85	0.79	0.68	8.0	2.1	3.6	IE2
460	Y	60	4.55	- / -	7.60	3540	12.0	87.5	87.7	86.4	0.86	0.82	0.72	8.3	2.2	3.6	IE2
460	Y	60	4.00	- / -	6.40	3555	10.0	87.5	86.9	84.6	0.83	0.77	0.66	9.9	2.7	4.5	IE2
IM B3 / IM 1001			FS 112 M		27 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data		
Sound pressure level 50Hz/60Hz (load)	69 dB(A)	73 dB(A)
Moment of inertia	0.0092 kg m²	
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		
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	

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 mm²
Cable diameter from ... to ...	11.0 mm - 21.0 mm
Cable entry	2xM32x1,5
Cable gland	2 plugs

Special design (0)

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