



MLFB-Ordering data: 1LE1003-1BB22-2FA4

Motor type: 1AV3112B

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	1460	26.0	88.6	89.2	88.6	0.82	0.76	0.65	7.1	2.4	3.7	IE3
400	Y	50	4.00	- / -	7.90	1460	26.0	88.6	89.2	88.6	0.82	0.76	0.65	7.1	2.4	3.7	IE3
460	Y	60	4.55	- / -	7.70	1760	24.5	89.5	90.0	89.3	0.83	0.78	0.67	7.3	2.5	3.8	IE3
460	Y	60		- / -	6.50	1770	20.0	89.5	89.4	87.7	0.80	0.73	0.61	8.2	2.9	4.3	IE3
IM B5 / IM 3001			FS 112 M		34 kg	IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

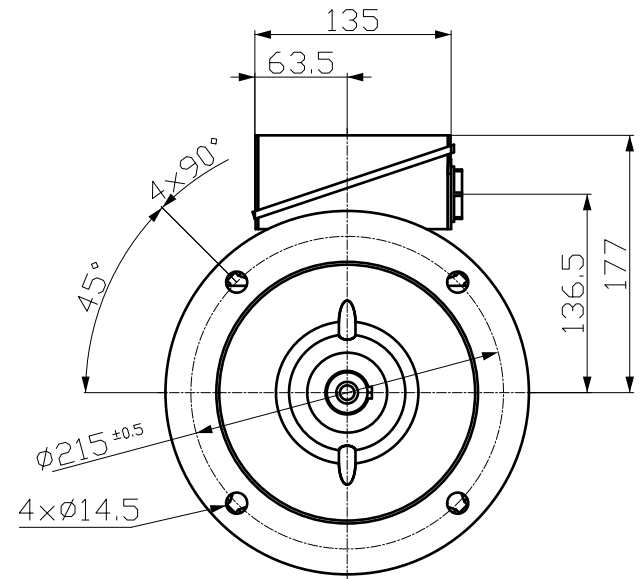
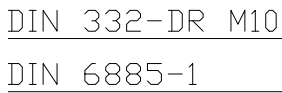
Mechanical data		
Sound pressure level 50Hz/60Hz (load)	58 dB(A) ¹⁾	62 dB(A) ¹⁾
Moment of inertia	0.017 kg m²	
Bearing DE NDE	6206 2Z C3	6206 2Z C3
Bearing lifetime	40000 h	
Lubricants	Unirex N3	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	Preloaded bearing DE	
Condensate drainage holes	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

Notes	
I _{A/N} = locked rotor current / current nominal	M _K /M _N = break down torque / nominal torque
M _A /M _N = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411

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Tolerance	Surface	Material	Weight -	Scale  mm
1LE1003-1BB22-2FA4 -	Author	Dimensional drawing Maßezeichnung		
	Creator DTK			
	Approval			
	Department			
	Change Order	MLFB	Doc Type	/
SIEMENS	Doc State 6/4/19	Item No	Paper Size	A3
	Revision Index RS	Doc No	1st Language en	2nd Language de
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