



MLFB-Ordering data:

1LE1002-0BB32-2KA4

Safe Area

Motor type:

1AV1063B

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	0.18	- / -	1.12	1360	1.3	57.0	55.1	47.8	0.71	0.62	0.49	2.8	1.9	2.1	IE1
400	Y	50	0.18	- / -	0.64	1360	1.3	57.0	55.1	47.8	0.71	0.62	0.49	2.8	1.9	2.1	IE1
460	Y	60	0.21	- / -	0.59	1670	1.2	66.0	63.7	56.5	0.68	0.58	0.47	3.2	2.1	2.3	IE1
IM B14 / IM 3601			FS 63 M		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN								

Mechanical data		
Sound pressure level 50Hz/60Hz (load)		
Moment of inertia		0.00037 kg m²
Bearing DE NDE		6201 2ZC3 6201 2ZC3
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		No
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 B00
Contact screw thread	M4
Max. cross-sectional area	1.5 mm²
Cable diameter from ... to ...	9.0 mm - 17.0 mm
Cable entry	- / -
Cable gland	- / -
Special design (0)	

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

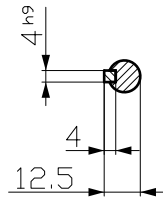
Notes	
I_A/I_N = locked rotor current / current	M_K/M_N = break down torque / nominal torque
M_A/M_N = locked rotor torque / torque	1) Value is valid only for DOL operation with motor design

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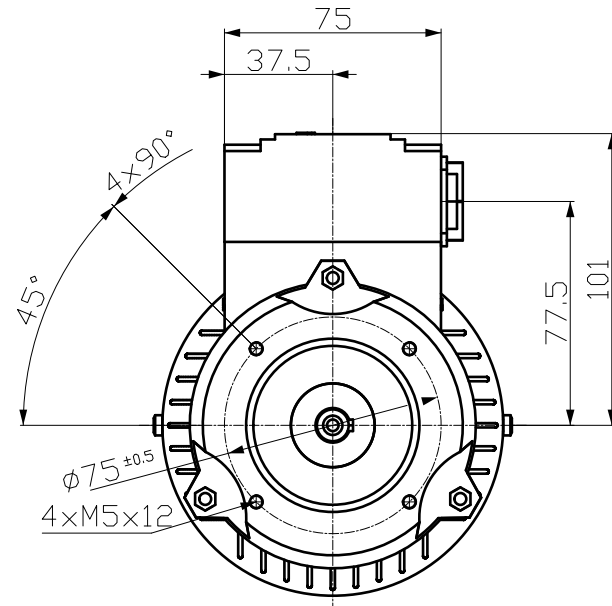
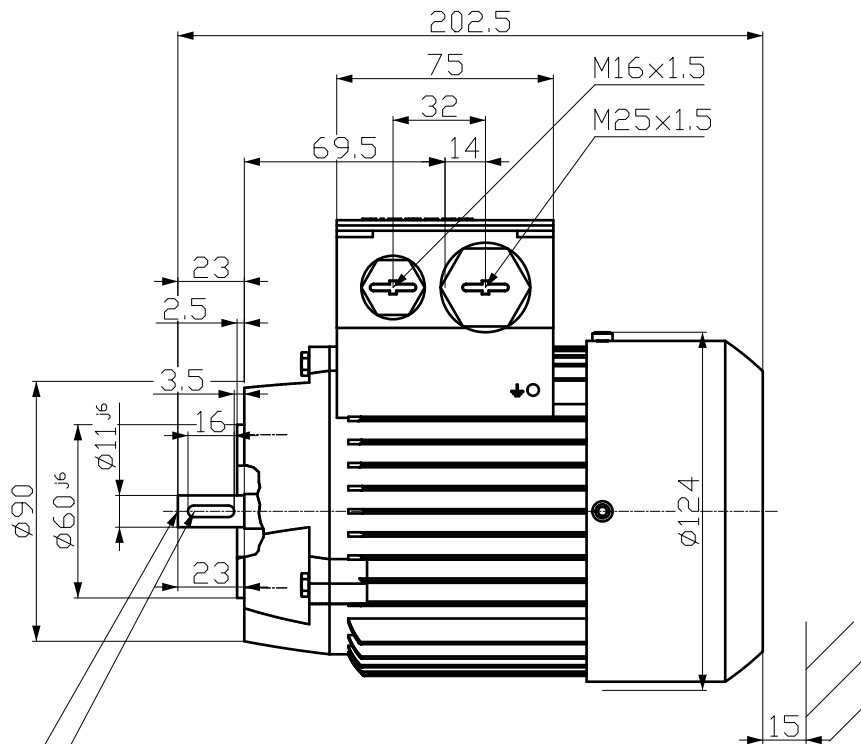
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DIN 332-DR M4

DIN 6885-1



Tolerance	Surface	Material	Weight	Scale
1LE1002-0BB32-2KA4	Author Creator Approval Department Change Order	Dimensional drawing Maßzeichnung		
-	DTK			
SIEMENS	Doc. State	8/19/20	Item No	Paper Size
	Revision	Index	Doc No	1st Language
	Project No	-	Ref No	2nd Language
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