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General tolerances ISO 2768-mK
 Threads according to ISO 965 tolerance class 6H
 Symbols for roughness acc. to ISO 1302

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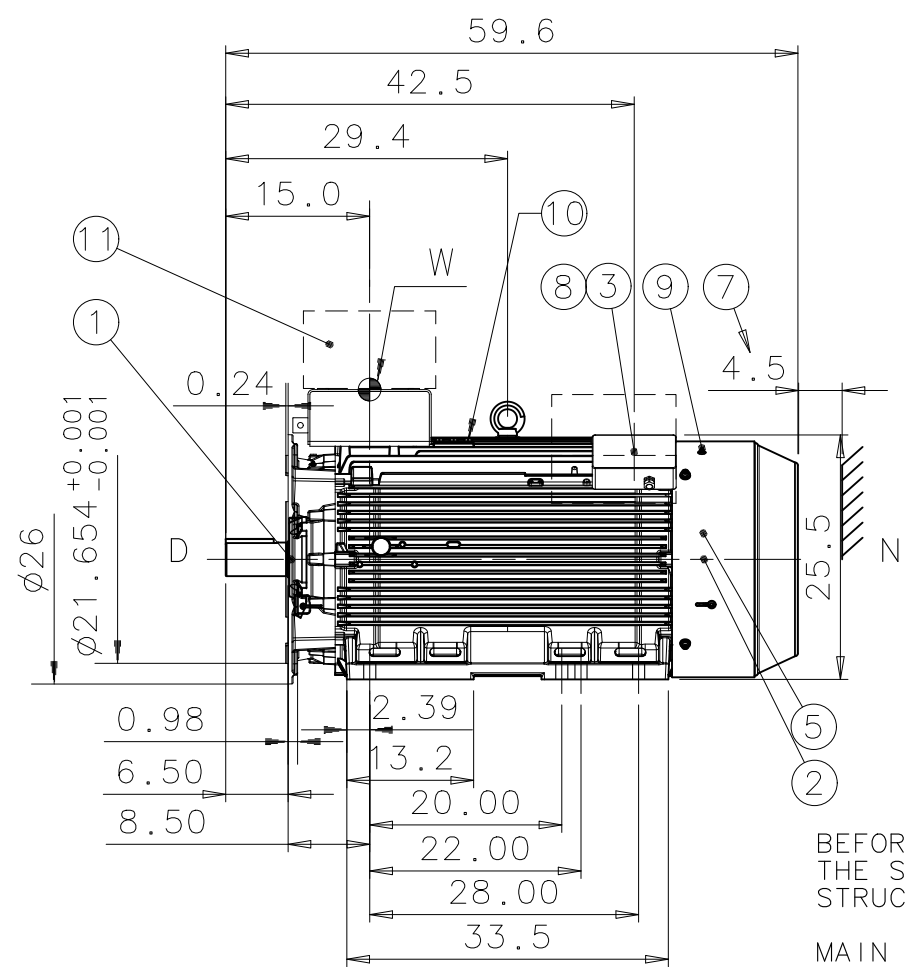
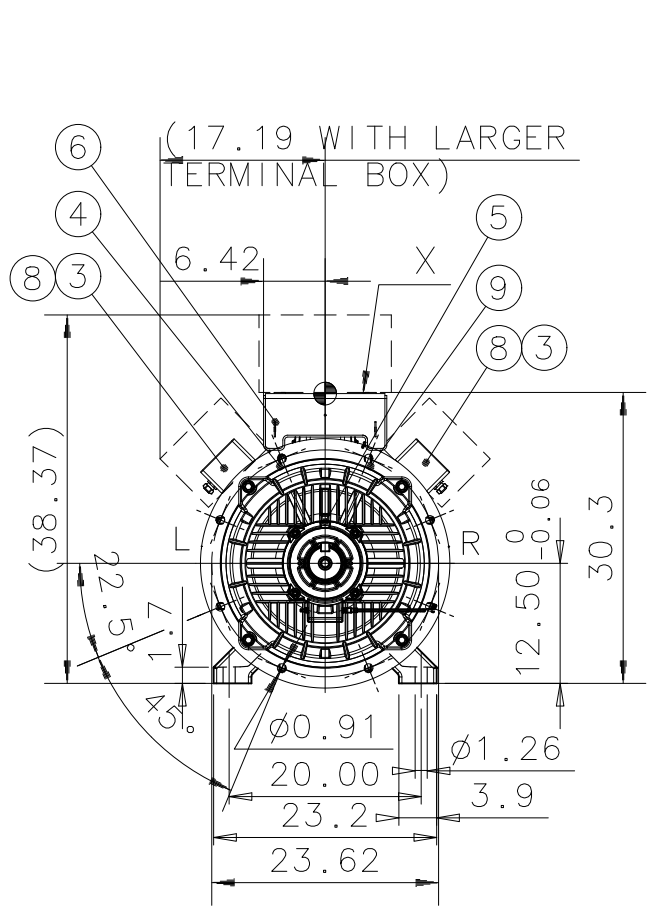
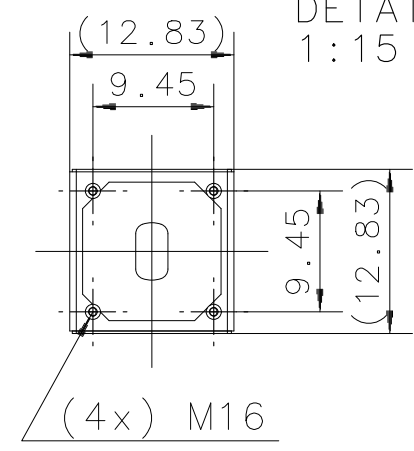
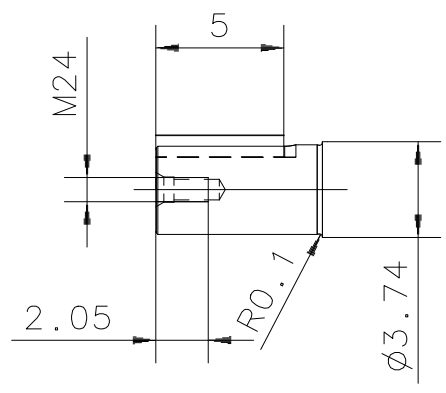
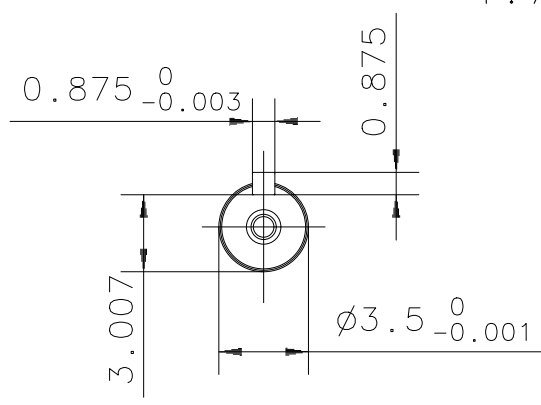
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1:7.5

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DETAIL X
1:15



1	D-BEARING	6319/C3
2	N-BEARING	6316/C3 INSULATED 6316/C3 (OPTIONAL)
3	TERMINAL BOX FOR CONTROL	CABLE Ø10-14, 2xM20x1,5 LARGER TERMINAL BOX (OPTIONAL)
4	SPM NIPPLE DE AND NDE	
5	PT-100 FOR BEARINGS (OPTIONAL)	
6	MAIN TERMINAL BOX	
7	FREE DISTANCE FOR COOLING	
8	TERMINAL BOX FOR HEATING ELEMENT	CABLE Ø10-14, 1xM20x1,5 (OPTIONAL)
9	GREASING NIPPLE DE AND NDE	
10	EARTHING, M12M, FOR MG3M	MAX 150 MM ²
11	TRANSPORTATION COVER,	SIX (6) LEADS OUT 1.5 m (5 ft)

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BEFORE COMMISSIONING, TERMINAL ARRANGEMENT SHALL BE SUCH THAT THE STATOR CONNECTION CABLES ARE COVERED WITH EARTHED PROTECTIVE STRUCTURE (E.G. MAIN TERMINAL BOX AND ADEQUATE INTERMEDIATE BOX).

MAIN TERMINAL BOXES ARE NOT INCLUDED IN MOTOR MANUFACTURER'S DELIVERY.

MAIN TERMINAL BOXES MUST FILL FOLLOWING REQUIREMENTS:
 - FOR EXPLOSIVE ENVIRONMENTS EX CERTIFIED
 - ENCLOSURE IP55 OR HIGHER ACC. TO SITE CONDITIONS

MAXIMUM MASS FOR MTB ASSEMBLY 600 kg,
 MAXIMUM MOMENT FROM MTB ASSEMBLY ACCORDING TO POINT W 1600Nm.

DIMENSIONS IN INCHES

DURING THE INITIAL INSTALLATION PLACE 0.0787" SHIMS UNDER THE FEET OF THE MOTOR. THE CUSTOMER IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FOUNDATION. IT SHALL BE SUFFICIENTLY RIGID TO WITHSTAND SHORT CIRCUIT FORCES. TO AVOID RESONANCE VIBRATIONS THE FOUNDATION SHALL BE DESIGNED SO THAT THE NATURAL FREQUENCY OF FOUNDATION TOGETHER WITH MACHINE IS NOT WITHIN ±20% OF RUNNING SPEED FREQUENCY. THE CUSTOMER IS ALSO RESPONSIBLE FOR LATERAL AND TORSIONAL CRITICAL SPEED ANALYSIS OF THE COMPLETE INSTALLATION.

Rev	Change	Date	Prep.	Approved
Prepared	2006-06-29 A.MATTILA		Responsible dept. ATAP/PID	Title DIMENSION PRINT SQUIRREL CAGE MOTOR
Approved	2006-07-04 O.LAHTINEN		Take over dept.	Scale 1:20
Material			Code 13 BM 50_NEMA A / 315	Language en
Supersedes	Superseded by		Type M3BM 506LK4-12 B35	Size A3
ABB Oy, Electrical Machines, Helsinki			Document No. 3GZF500090-34	Revision A
				Sheet 1/1

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