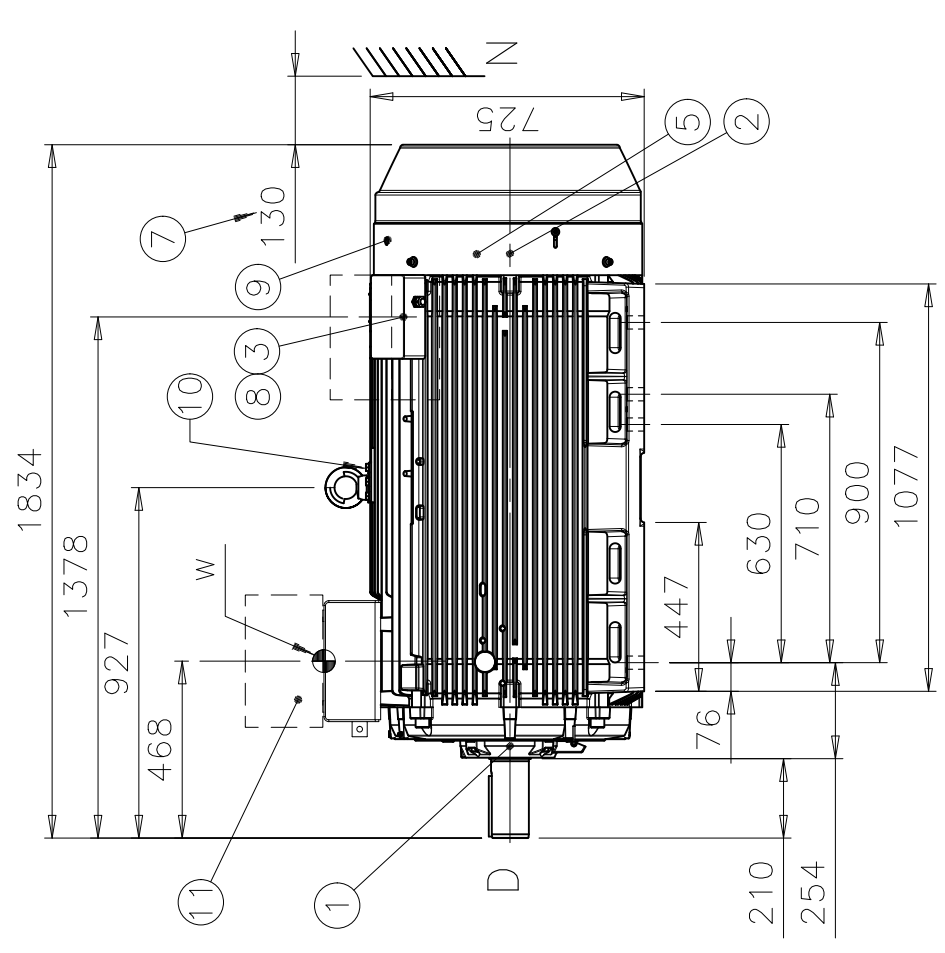
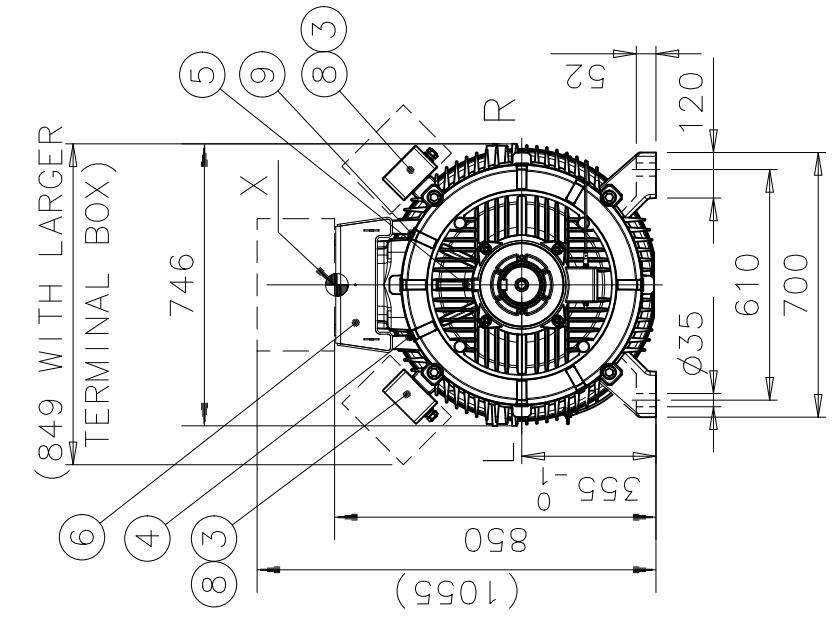
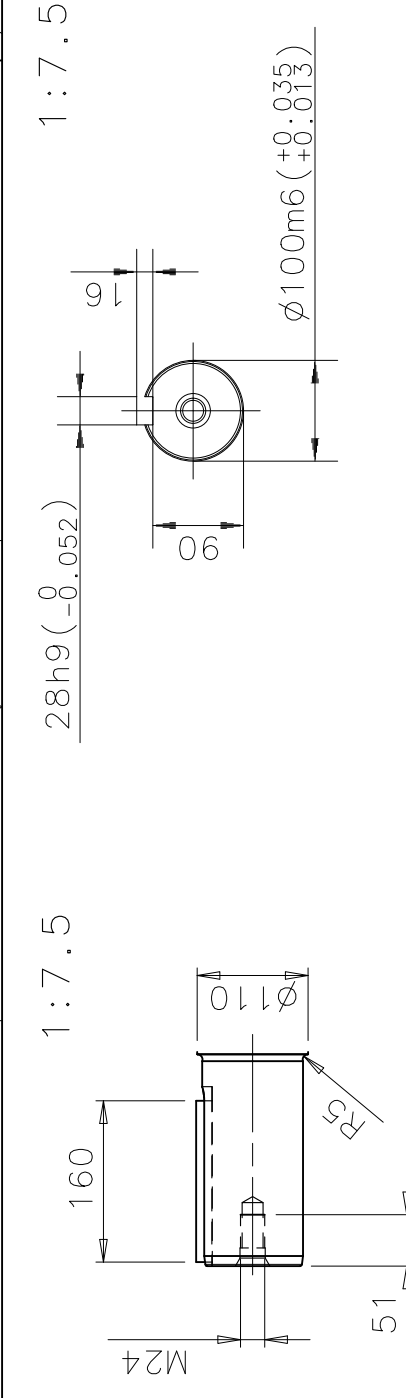
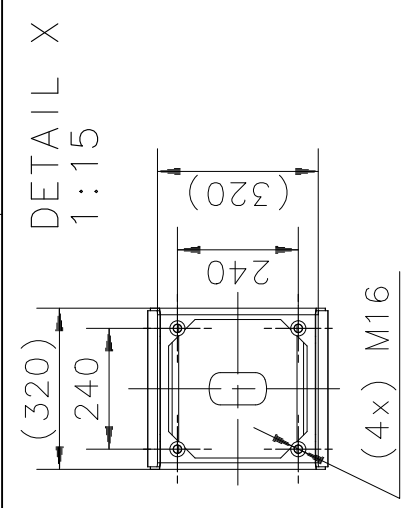


1	D-BEARING NU322/C3 (OPTIONAL)	6322/C3 NU322/C3 (OPTIONAL)
2	N-BEARING INSULATED 6316/C3 (OPTIONAL)	6316/C3 INSULATED 6316/C3 (OPTIONAL)
3	TERMINAL BOX FOR CONTROL CABLE $\phi 10-14$, 2xM20x1,5 LARGER TERMINAL BOX (OPTIONAL)	TERMINAL BOX FOR CONTROL CABLE $\phi 10-14$, 2xM20x1,5 LARGER TERMINAL BOX (OPTIONAL)
4	SPM NIPPLE DE AND NDE	
5	PT-100 FOR BEARINGS (OPTIONAL)	
6	INTERMEDIATE BOX	
7	FREE DISTANCE FOR COOLING	
8	TERMINAL BOX FOR HEATING ELEMENT CABLE $\phi 10-14$, 1xM20x1,5 (OPTIONAL)	
9	GREASING NIPPLE DE AND NDE	
10	EARTHING, M12, FOR M3GM MAX 150mm ²	
11	TRANSPORTATION COVER, THREE (3) LEADS OUT, 1.5 m (5 ft) SIX (6) LEADS OUT (OPTIONAL)	



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

Rev	Change	Date	Prep.	Approved	Scale
Prepared	2006-05-10 A.MATTILA				1:20
Approved	2006-06-21 O.LAHTINEN				
Material					
Supersedes					
Title					1:20
Responsible dept.					
ATDM/PID					
Take over dept.					
Code					
13 BM 355 A / 355					
Type					
M3BM/GM 355LK4-12 B3					
Document No.					
3GZF500035-583					
Revision					
A					
Sheet					
1/1					

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

DURING THE INITIAL INSTALLATION PLACE 2 mm 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 $\pm 20\%$ OF RUNNING SPEED FREQUENCY. THE CUSTOMER IS ALSO RESPONSIBLE FOR LATERAL AND TORSIONAL CRITICAL SPEED ANALYSIS OF THE COMPLETE INSTALLATION.

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 General tolerances ISO 2768-mK
 Threads according to ISO 965 tolerances class 6H
 Symbols for roughness acc. to ISO 1502