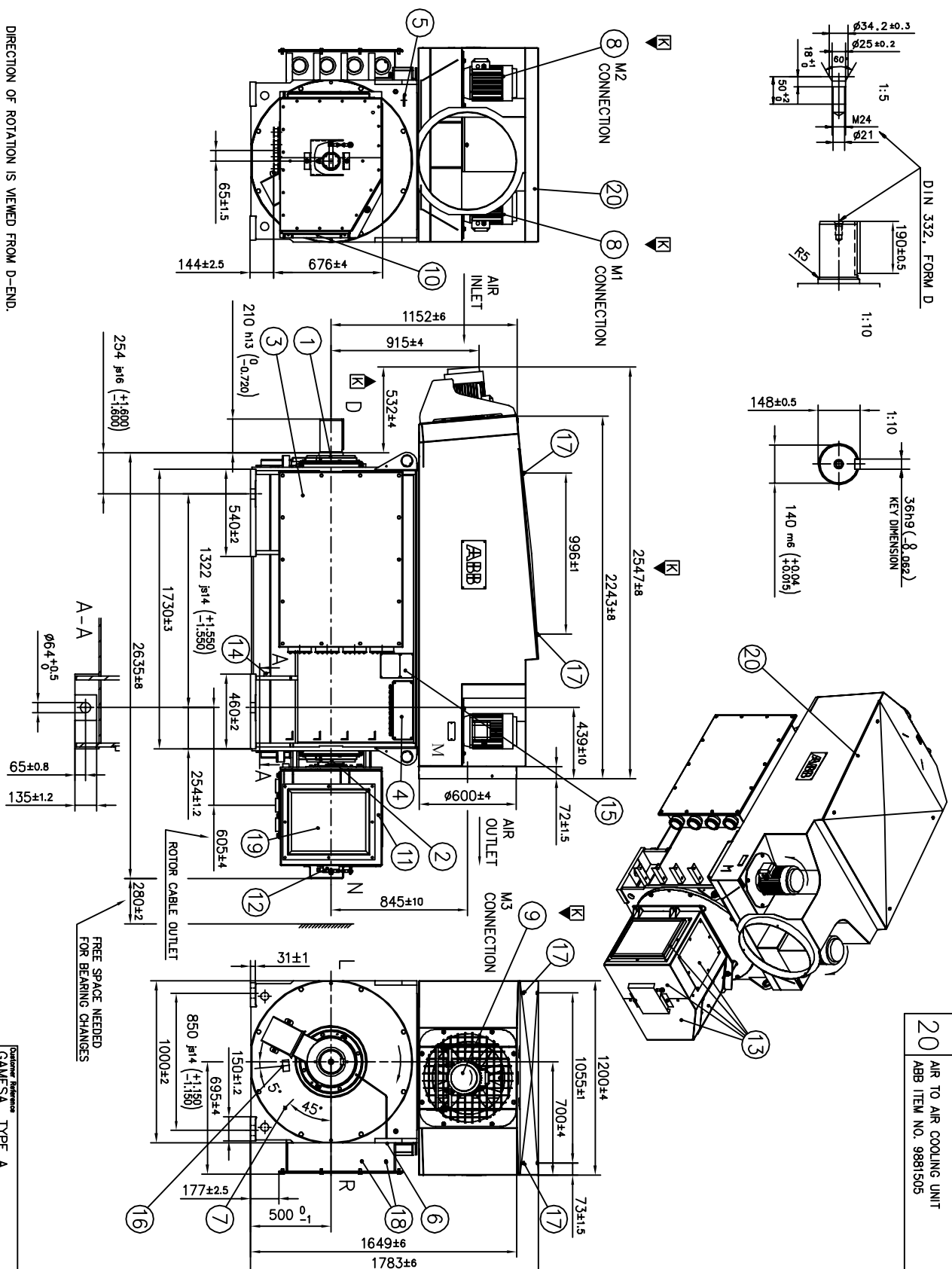


20 AIR TO AIR COOLING UNIT
ABB ITEM NO. 9881505

1	D-BEARING INSULATED, FREE	6330/C3
2	N-BEARING INSULATED, LOCKED	6330/C3
3	MAIN TERMINAL BOX	
4	TERMINAL BOX FOR ACCESSORIES	
5	TIE-OFF POINT	
6	GREASING NIPPLE DE AND NDE	
7	SPM-NIPPLE DE AND NDE	
8	PRIMARY AIR FAN MOTORS 2 x 2/4 JMW18 3,0/0,4kW, 690V, 50Hz	
9	SECONDARY AIR FAN MOTOR 1 x 2/4 JMB3 3,0/0,4kW, 690V, 50Hz	
10	AXIAL FAN FOR SUPRING HOUSING COOLING 0,13 kW, 230V, 50 Hz	
11	SLIP RING UNIT WITH INTEGRATED TERMINAL FOR ROTOR	
12	TACHOMETER LENE & LINDE 1024 PPR	
13	SERVICE HATCH FOR SLIPRING UNIT 5 PCS	
14	GROUNDING PAD 2xM12	
15	RATING AND LUBRICATION PLATE	
16	VIBRATION MEASURING POINT FLAT SURFACE Ø30/M8	
17	4xM12 THREAD HOLES FOR LIFTING OF COOLER	
18	2xM10 RIVET NUT FOR GREASING DEVICE	
19	AIR FILTER FLUOTRON CR 400x500x24	



DIRECTION OF ROTATION IS VIEWED FROM D-END.

DURING THE INITIAL MOUNTING PLACE 2 mm SHIMS UNDER THE FEET OF THE GENERATOR. 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.

K	PARTS 8 AND 9 CHANGED, TWO DIMENSIONS CHANGED	2014-02-18	MM	VA	1	ZK
J	MOUNTING HOLES HAVE BEEN CHANGED FROM 8MM TO 6MM.	2013-10-29	MM	VA	1	ZK
I	FAN MOTORS CONNECTION OF COOLER HAVE BEEN MARKED	2011-12-13	MM	VA	1	ZK
H	VIBRATION MEASURING POINT CORRECTED	2011-06-13	MM	VA	1	ZK
G	DRAWING UPDATED	2011-02-02	MM	VA	1	ZK
F	DRAWING UPDATED	2011-01-25	MM	VA	1	ZK
E	Z IMPORTANT ASSEMBLY MEASURES MARKED AS BOLD TEXT	2005-10-09	MM	VA	1	ZK
D	TOLERANCES UPDATED	2005-03-09	MM	VA	1	ZK
C	PART 20 ADDED.	2004-04-19	MM	VA	1	ZK
B	ONE TERMINAL BOX REMOVED AND DRAWING UPDATED					
A	Rev. Change					

Customer Reference	GAMESEA TYPE A	Production/Quality	IP54 ICB66
Technical Information	1.8 MW, 690 V, 50 Hz	Form	4
ASYNCHRONOUS GENERATOR	2004-03-15 K. SANDHOLM	1:17	
	2004-03-15 T. BÄCKSTRAND A1AP/PIC		
	2004-03-15 H. KURKINEN		
5800kg AMK500L4A BATY	AH	IM 1001	en
3AFP5225643 K			1/1