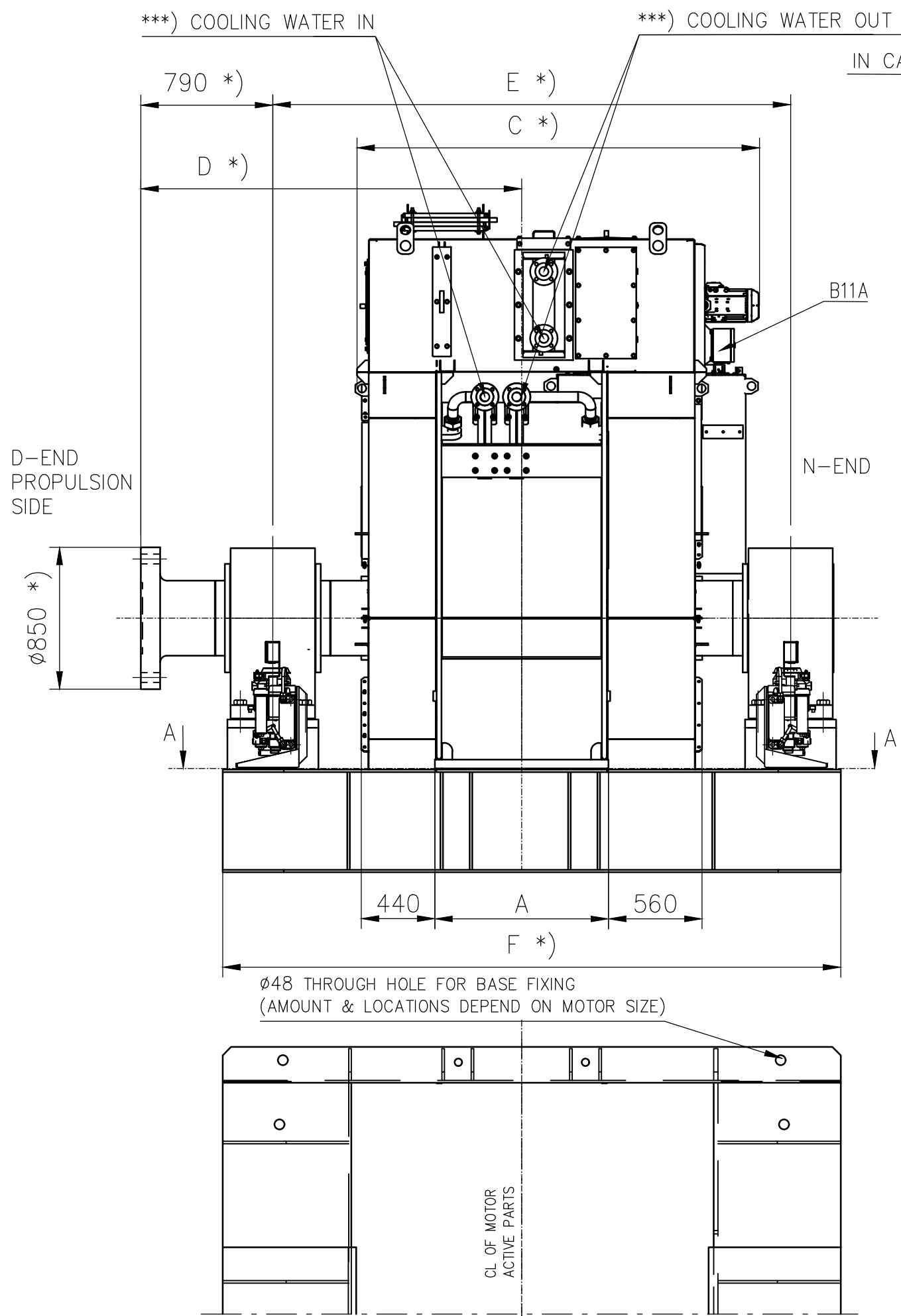


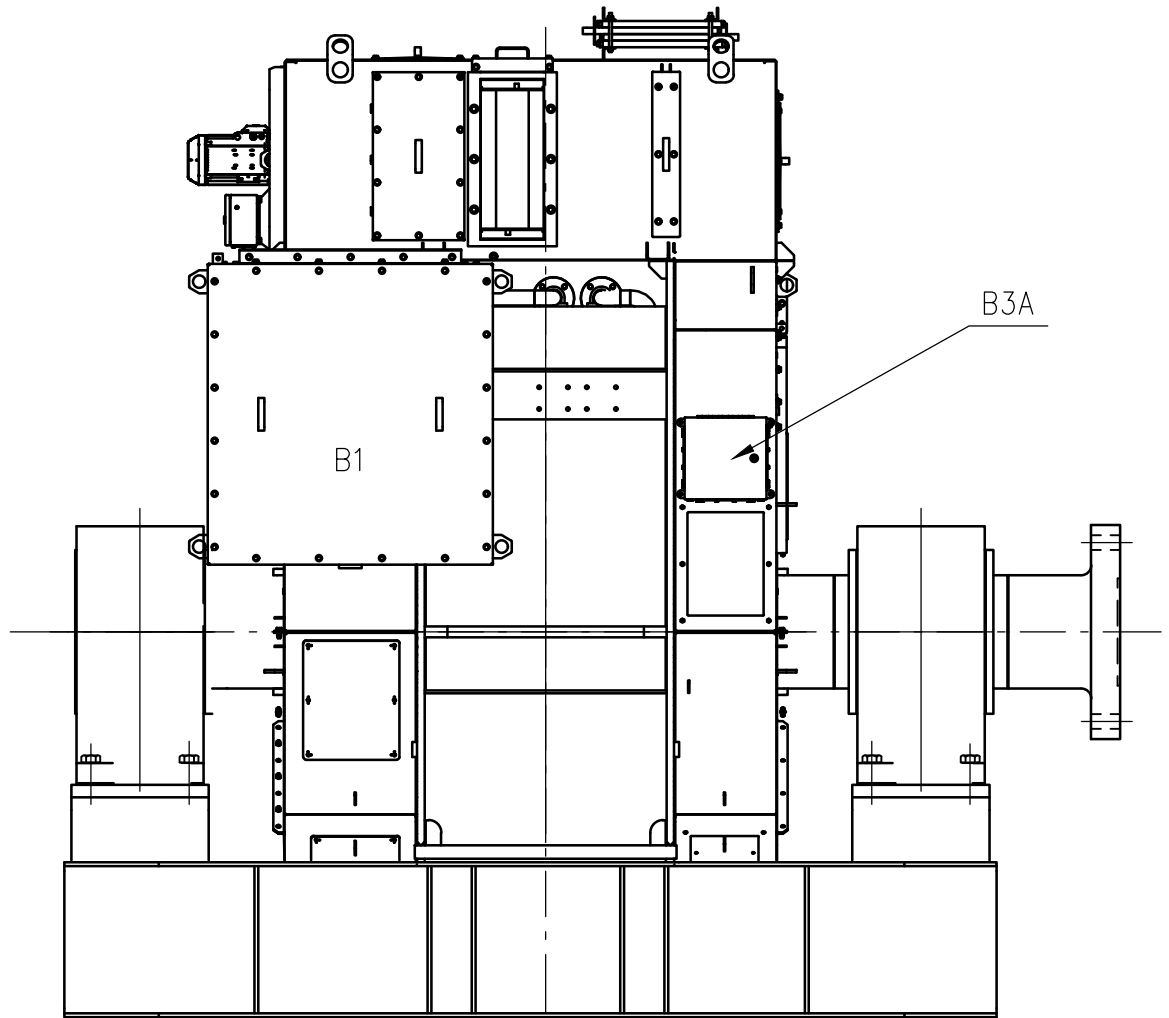
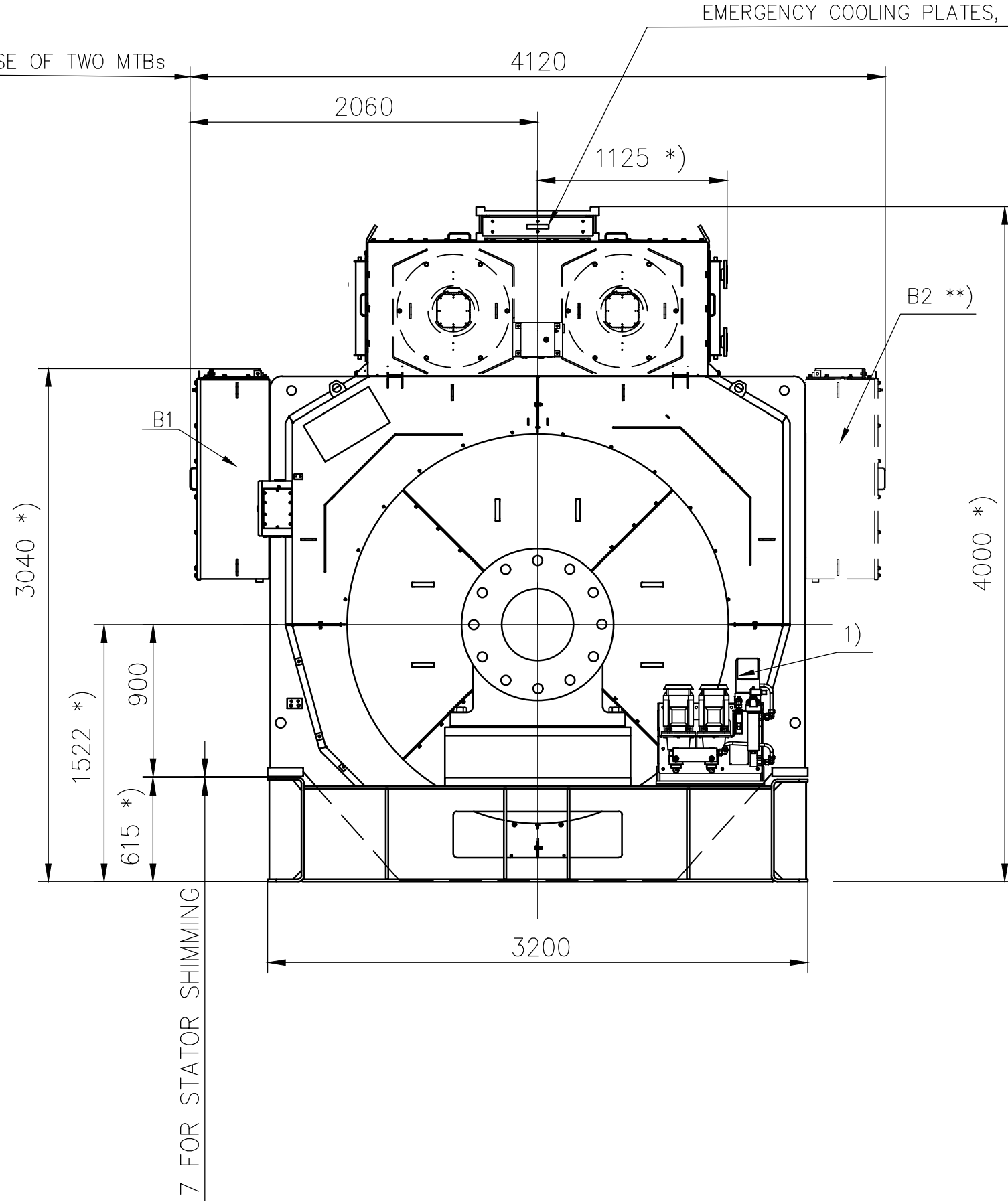
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Symbols for roughness according to ISO 1302,
9ADA 431

General tolerances for linear and angular dimensions
and geometrical tolerances: ISO 2768 -mK
Referential standards 9ADA 422, DIN 7168T:1



SECTION A-A: BASE FOOTPRINT PRESENTED AS PRINCIPLE.



B1 MAIN TERMINAL BOX
(B2 MAIN TERMINAL BOX TO BE USED WHEN THE CURRENT IS MORE THAN 4000A)
B3A AUXILIARY TERMINAL BOX
B11A AUXILIARY BOX FOR FANS

1) HYDROSTATIC JACK-UP UNIT (TYPICAL OPTIONAL ACCESSORY)

*) DIMENSION IS PRELIMINARY AND TO BE CONFIRMED DURING FINAL ENGINEERING

**) MAIN TERMINAL BOX LOCATION TO BE CONFIRMED (LEFT / RIGHT / BOTH SIDES)

***) WATER CONNECTION LOCATION TO BE CONFIRMED

NOTE: FRESH WATER COOLANT WITH CORROSION INHIBITORS.

SHAFT AXIAL CLEARANCE ± 10 mm
D-END BEARING AXIALLY LOCATING
N-END BEARING AXIALLY FREE

NO AXIAL FORCES ALLOWED TO D-END BEARING.
COUPLING AND LOAD SIDE BEARING MUST LIMIT THE SHAFT AXIAL MOVEMENT INSIDE THE AXIAL PLAY OF D-END BEARING



WARNING OF MAGNETIC FIELD
(PERMANENT MAGNET)

PRELIMINARY
☒ Typical, not to be used for construction
☐ Mounting dimensions certified
ABB Oy
Electrical Machines

ONLY FOR REFERENCE.
BEARING SIZES, LUBRICATION
AND COOLING WILL BE CHECKED
DURING FINAL ENGINEERING

GEOMETRY IN THE DRAWING IS ACCORDING TO
AMZ 1600AN24 MSM (L1=900)

PARAMETER TABLE						
TYPE DESIGNATION	L1 [mm]	A MOTOR FEET LENGTH [mm]	C COOLING UNIT LENGTH [mm]	D MOTOR CENTER LINE LOCATION [mm]	E BEARING SPAN [mm]	F BASE LENGTH [mm]
AMZ 1600AG20 MSM	600	740	2110	2130	2800	3800
AMZ 1600AJ20 MSM	700	840	2210	2180	2900	3900
AMZ 1600AL20 MSM	800	940	2310	2230	3000	4000
AMZ 1600AN20 MSM	900	1040	2410	2280	3100	4100
AMZ 1600AQ20 MSM	1000	1140	2510	2330	3200	4200
AMZ 1600AR20 MSM	1100	1240	2610	2380	3300	4300
AMZ 1600AS20 MSM	1200	1340	2710	2430	3400	4400
AMZ 1600AT20 MSM	1300	1440	2810	2480	3500	4500
AMZ 1600AU20 MSM	1400	1540	2910	2530	3600	4600
AMZ 1600AV20 MSM	1500	1640	3010	2580	3700	4700
AMZ 1600AW20 MSM	1600	1740	3110	2630	3800	4800
AMZ 1600AX20 MSM	1700	1840	3210	2680	3900	4900
AMZ 1600AY20 MSM	1800	1940	3310	2730	4000	5000

B	UPDATED	2023-05-22	ARVA	TEL2	JAKA
Rev	Change	Date	Prep.	Rev.	Appr.

Customer Reference		Our Reference		Protection/Cooling	
Additional Information				IP44/IC7A6W7	
Prepared		Separate part list with separate No.		Title	
2023-04-20 A.VARTIAINEN		☐		MAIN DIMENSIONS	
Reviewed		Responsible Department		Scale	
2023-04-20 T.LAUKKANEN		MOLM/PB0900		1:30	
Approved		Original Dwg		Language	
2023-04-20 J.KAMPPURI				en-fi	
Distribution		Functional Code		Mounting	
		AH		Size	
		Order No.		AMZ 1600___MSM IM 7215 A2	
		Weight		Revision	
				B	
		Document No.		Sheet	
		3AFP9318374		1/1	

ABB Large Motors and Generators