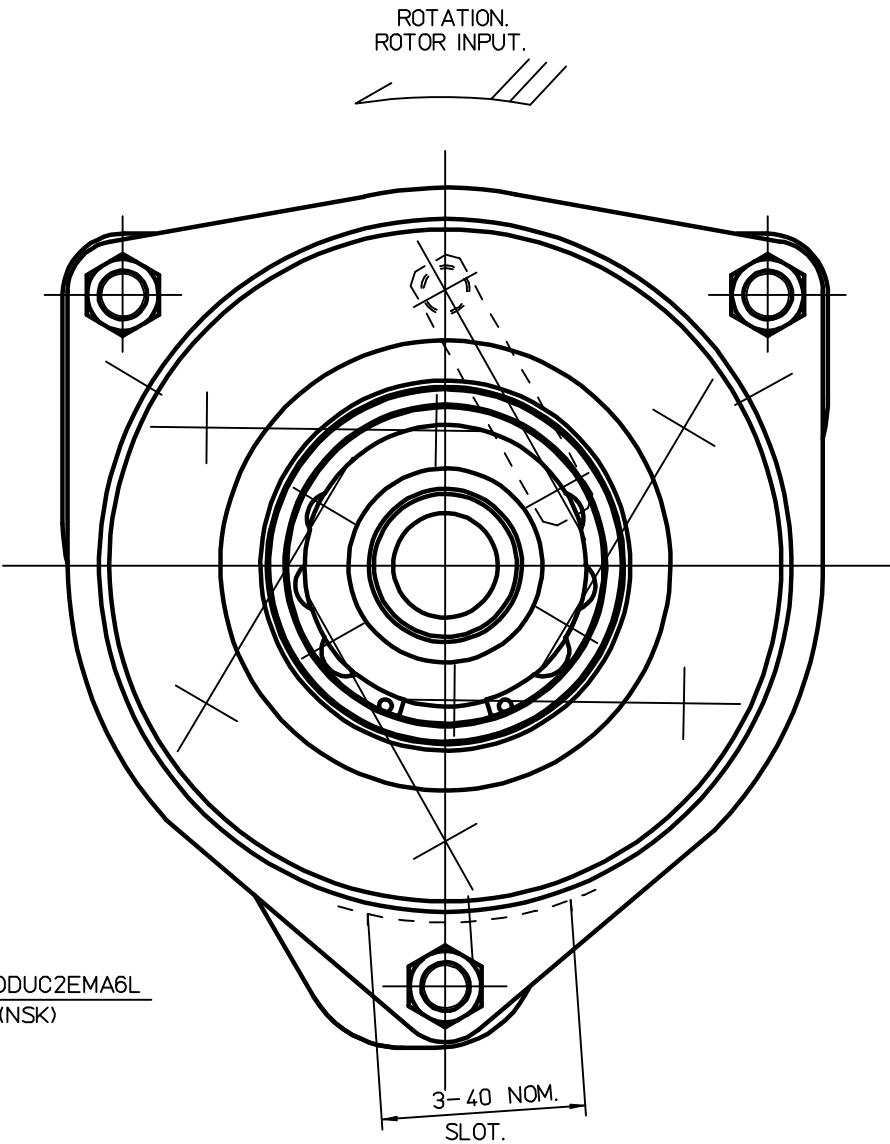
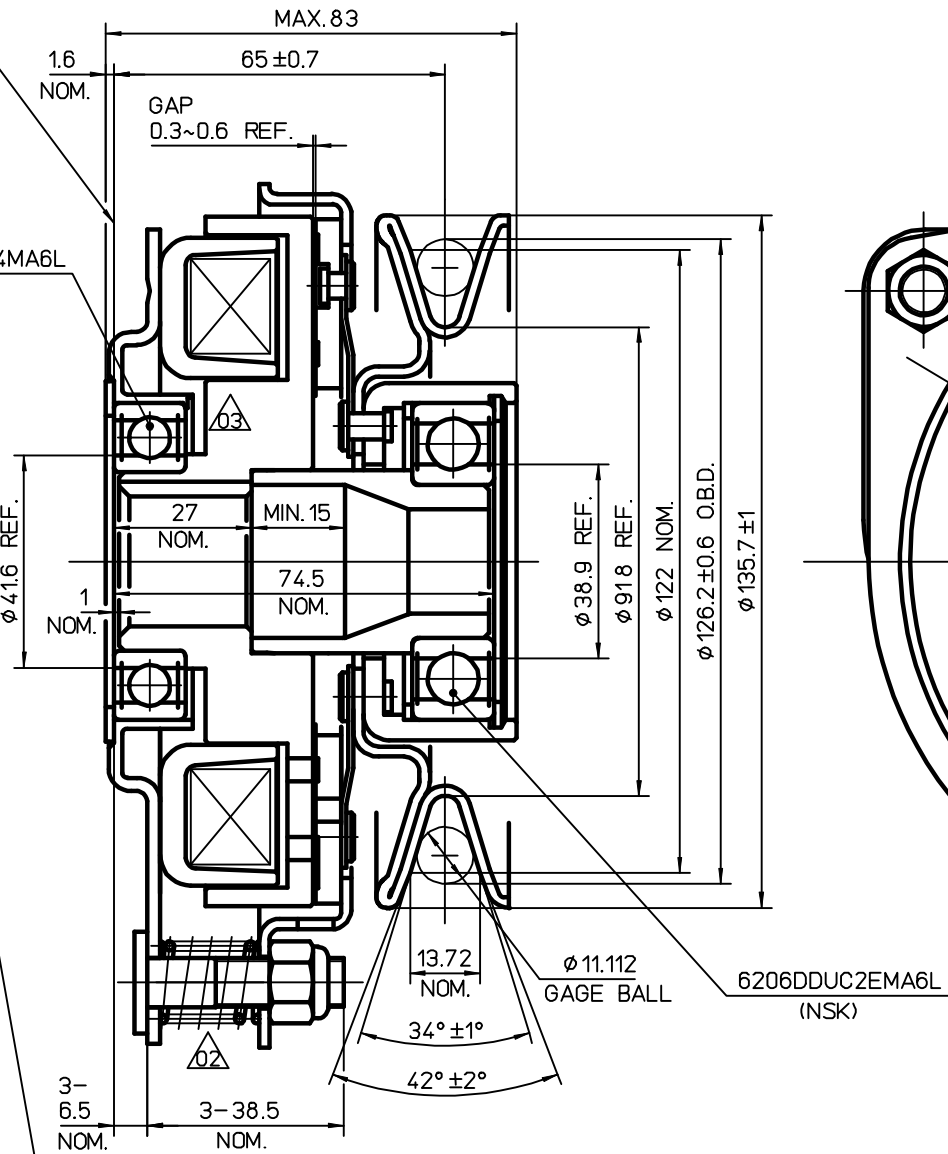
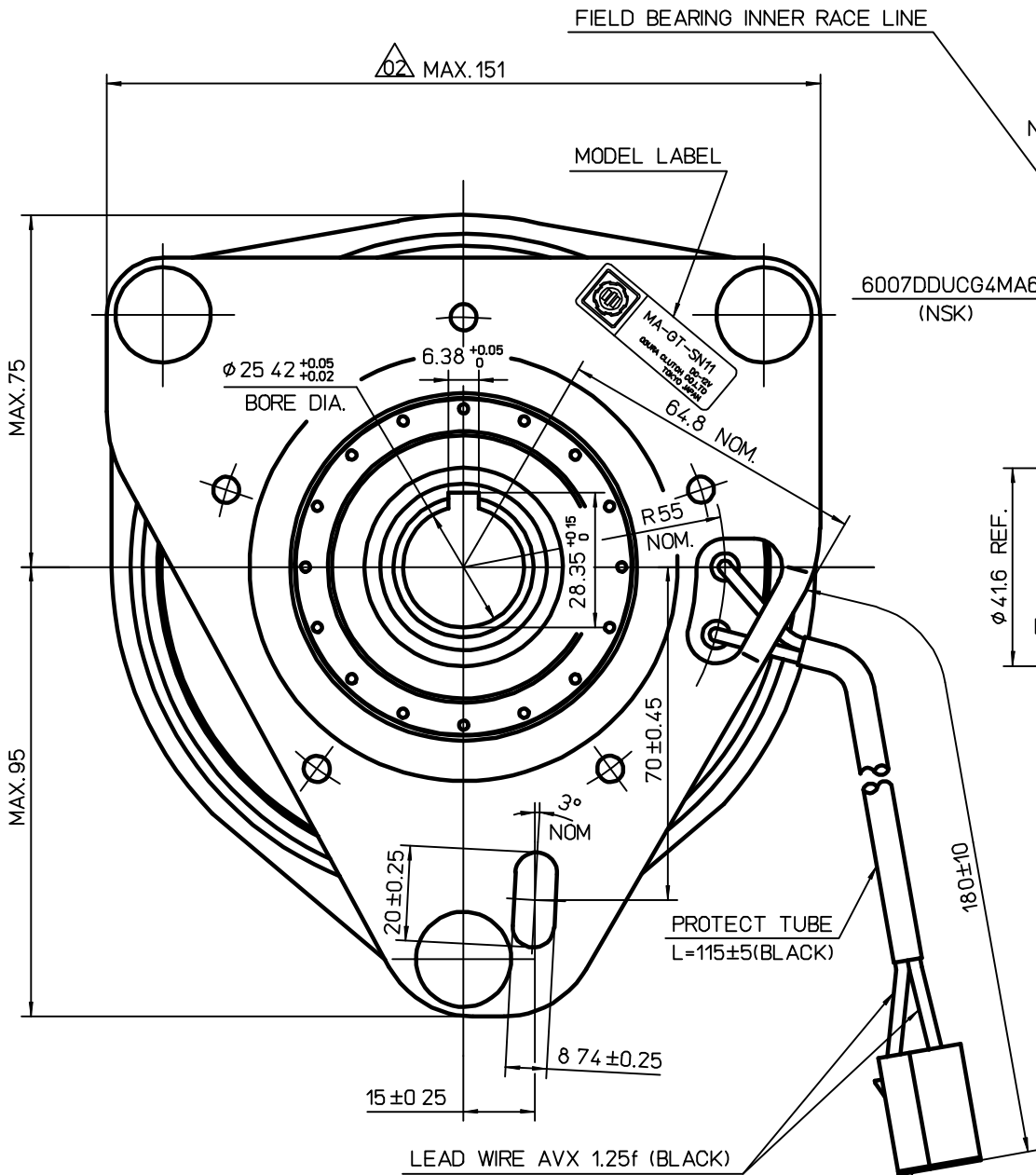


REV	REVISION STATUS	NOTE	DATE	CHG BY	CHK BY
01	1 Notes Add.	(1)	5 After 97.11.	Sep.01'97	S.O M.I.
02	1 Change coil spring Add static torque. Max151 was Max150. etc	(6)	5 After Jun012000	May 02.00	N.S M.K.
03	5 Delete snap ring etc.	(1)	2 Next assemble	May2906	S.S K.B.



REFERENCE ONLY
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- NOTES
- Airgaps must be adjusted when coilsprings and airgap adjustment nuts are incorporated into the clutch/brake at the assembly

	Friction surface
Field rotor assy	Coated
Armature assy	None-coated

SPECIFICATIONS (at 20°C)	
EXCITING VOLTAGE	D.C. 12 V
POWER CONSUMPTION	MAX. 50 W
STATIC CLUTCH TORQUE	
INITIAL	MIN. 35 N·m
AFTER BURNISHING	MIN. 118 N·m
STATIC BRAKE TORQUE	
INITIAL	MIN. 1.7 N·m
AFTER BURNISHING	MIN. 4 N·m
MIN PULL IN VOLTAGE	D.C. 8 V
LEAF SPRING . THICKNESS t=1.0	(COPPER COIL)

SURFACE ROUGHNESS UNLESS OTHERWISE SPECIFIED	GENERAL TOLERANCE FOR CLASS 14	WORKING PROCESS	APPD	DATE	SIZE
∇ 50S	RANGE TOL. OVER 0.5 TO 6 ± 0.1	MATERIAL	T.Ishimaru	Apr.02'96	A2
∇ 25S	6 30 ± 0.2	MATERIAL CODE	CHKD	DATE	SCALE
∇ 12.5S	30 120 ± 0.3	MATERIAL SIZE	CHKD	DATE	1
∇ 6.3S	120 315 ± 0.5	HEAT TRTMT	DWN	DATE	1
∇ 3.2S	315 1000 ± 0.8	SURFACE TRTMT	CUSTOMER		
HISTORY	51919300	NAME	EX 02		
ISSUE NO	PLANT	PARTS CODE	MODEL		
ISSUE DATE	2	5913100000	MA-GT-SN11		
		OGURA CLUTCH Co.,LTD.	ASSY NO		
			NAME		
			MAGNETIC CLUTCH & BRAKE		
			DWG NO		
			51919300		