

DRAWING NO. **ASY-5076** REVISION **REL-01**

PROJECT CODE: **LICK-51**

REQUIRED PER TELESCOPE: 2 PER TELESCOPE

MATERIAL: BY COMPONENT

CONDITION: BY COMPONENT

SURFACE FINISH: BY COMPONENT

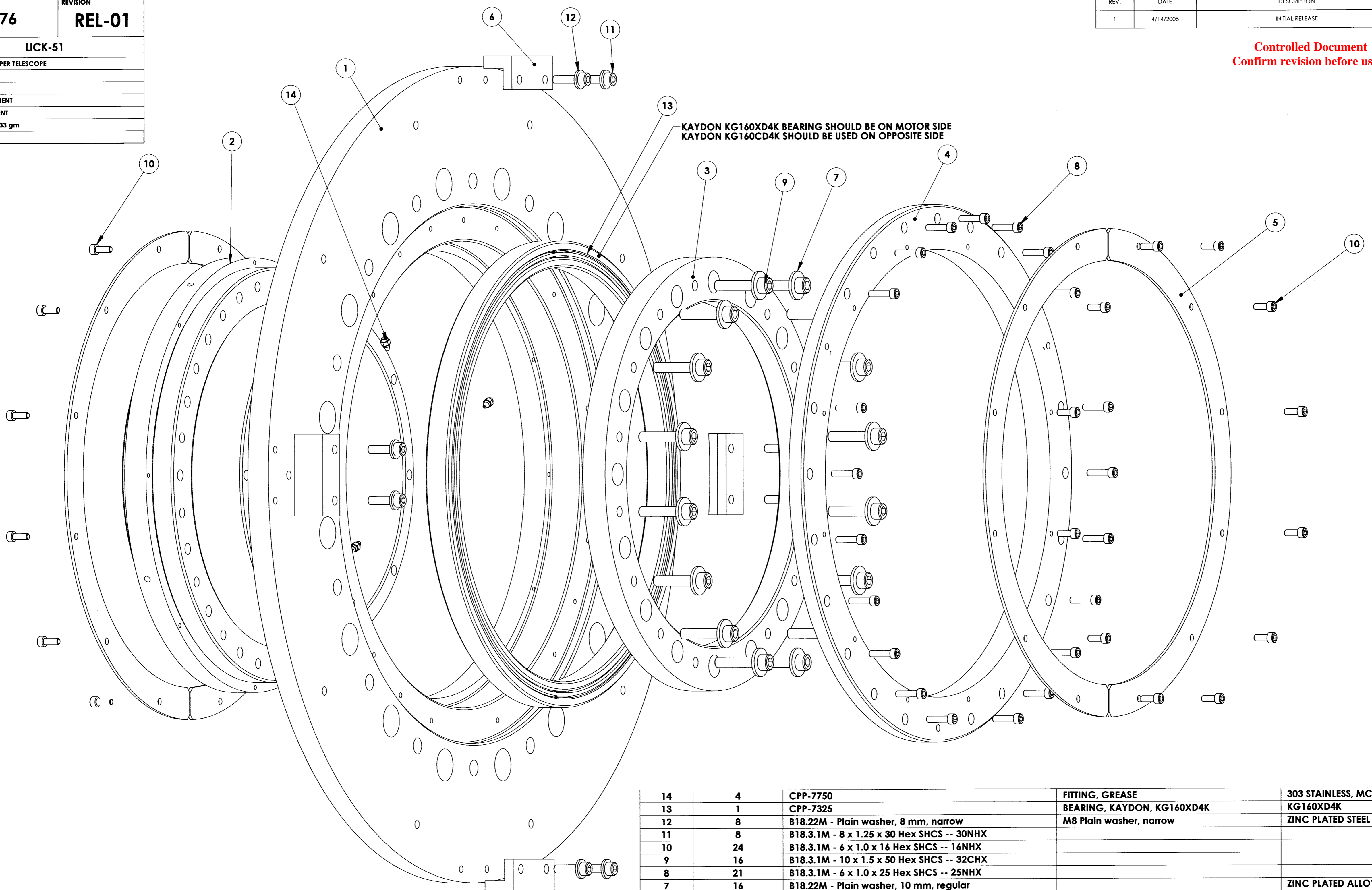
FINISH COLOR: BY COMPONENT

APPROXIMATE MASS: 131943.33 gm

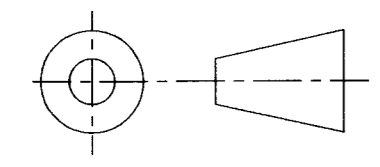
REFERENCE DOCUMENTS:

REV.	DATE	DESCRIPTION	CHKD	APPVD	ZONE
1	4/14/2005	INITIAL RELEASE	KLW	gjd	

Controlled Document
Confirm revision before using



ITEM NO.	16in bearing/QTY.	PART NUMBER	DESCRIPTION	Material	Weight
14	4	CPP-7750	FITTING, GREASE	303 STAINLESS, MCM 1293K21	3.31
13	1	CPP-7325	BEARING, KAYDON, KG160XD4K	KG160XD4K	5427.31
12	8	B18.22M - Plain washer, 8 mm, narrow	M8 Plain washer, narrow	ZINC PLATED STEEL	4
11	8	B18.3.1M - 8 x 1.25 x 30 Hex SHCS -- 30NHX			
10	24	B18.3.1M - 6 x 1.0 x 16 Hex SHCS -- 16NHX			
9	16	B18.3.1M - 10 x 1.5 x 50 Hex SHCS -- 32CHX			
8	21	B18.3.1M - 6 x 1.0 x 25 Hex SHCS -- 25NHX			
7	16	B18.22M - Plain washer, 10 mm, regular		ZINC PLATED ALLOY STEEL	21
6	4	COM-7114	BEARING PUSH BLOCK	1018 STEEL	333.21
5	4	COM-5078	EL BEARING SHIELD	304 SST PLATE - 1/8" THK.	478.76
4	1	COM-5081	EL BEARING OUTER RET. RING	AISI 1020 STEEL PLATE	8906.10
3	1	COM-5080	EL BEARING INNER RET. RING	AISI 1020 STEEL PLATE	8751.99
2	1	COM-5077	EL BEARING INTERFACE TUBE	AISI 1018 ROUND MECH. TUBE-15 IN. OD, 9 IN. ID	37779.76
1	1	COM-5082	EL BEARING HOUSING	AISI 4130 STEEL PLATE - 2-1/4 IN. THK.	66187.13



DO NOT SCALE DRAWING

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 X.X = ±0.25MM
 X.XX = ±0.10MM
 ANGLES = ±0.5°
 ROUNDS AND FILLETS ARE R3.0
 BREAK ALL SHARP EDGES 0.25MM X 0.25MM

WELDS ARE: MAX SIZE FILLET OR FULL PENETRATION GROOVE WELD AS APPROPRIATE.
 ALL WELDS ARE CONTINUOUS
 NEAREST NOMINAL STOCK SIZE MAY BE SUBSTITUTED UPON APPROVAL.
 INDICATED MACHINED SURFACES \checkmark 3.2

DESIGN	EGW	DATE	15-Oct-99
DRAWN	AML	DATE	20-Jan-04
CHECKED	<i>[Signature]</i>	DATE	22-Apr-05
APPROVED	<i>[Signature]</i>	DATE	4/22/05

EOS TECHNOLOGIES, INC.
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ELEVATION DRIVE BEARING ASSEMBLY

DRAWING NO. **ASY-5076** STATUS Released REVISION **REL-01** SHEET SIZE **A1**

SCALE 1:2 SHEET 1 OF 1