



SECTION A-A
SCALE 1 : 4

TIPOVER: $27.41 / 52.25 = .52 G$

3. LOAD CAPACITY: 1,000 LBS @ 30° FROM INTERFACE CONSIDERING A SIMULTANEOUS 1.0G VERTICAL & 0.5G HORIZONTAL (WORSE CASE DIRECTION) SIDE LOAD. MAX TORQUE ON GEARBOX = 5,400 IN-LBS (2,000 IN-LBS MAX EASY CRANK TORQUE). SAFETY FACTORS ARE YS = 3 & UTS = 5.

2. FINISHES:

A. "C" (CLEAN ROOM COMPATIBLE) FINISH- SKY WHITE POWDER COATED END FRAMES, GEARBOX PAINTED GLOSS WHITE EPOXY, NICKEL PLATED COMPONENTS (NO ZINC), STAINLESS STEEL FASTENERS AND MISC. HARDWARE. OPEN-ENDED TUBES NICKEL PLATED. KRYTOX GPL 207 LUBRICANT ON CASTERS & TRUNNION SHAFTS, SYNCO - SUPER LUBE SYNTHETIC GREASE WITH PTFE LUBRICANT ON JACKS (600-800 SERIES), KRYTOX GPL 207 LUBRICANT ON JACKS (900-1200 SERIES).

B. "N" FINISH - FLOTRON BLUE POWDER COATED FRAMES, GEARBOX PAINTED FLOTRON BLUE, NICKEL PLATED COMPONENTS (NO ZINC), STAINLESS STEEL, OR BLACK OXIDE FASTENERS AND MISC. HARDWARE. STANDARD LUBRICANTS.

C. STANDARD FLOTRON FINISHES - FLOTRON BLUE POWDER COATED FRAME, GEARBOX PAINTED FLOTRON BLUE, ZINC PLATED STEEL OR BLACK OXIDE FASTENERS, MISC. HARDWARE, AND COMPONENTS. STANDARD LUBRICANTS.

1. WEIGHT IN TITLE BLOCK INCLUDES SIMULATED 1,000 LBS. PAYLOAD.

NOTES:

PROPRIETARY

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TOLERANCES UNLESS OTHERWISE SPECIFIED:		FRACTION DEC. ANGLES		±.03 ±.010 ±.5°		XX XXX		2630 PROGRESS STREET VISTA, CALIFORNIA 92081 http://www.flotron.com	
APPROVALS		DATE		SCALE		SIZE		DRAWING NO.	
DRAWN DP		3/27/2018		1 : 12		D		8058-000PROP	
MFG								REV	
STATUS		Released		WT: 2035.7 lb/mass		Cad software: Inventor		SHEET 1 OF 1	

CANTILEVERED ROTATION

FIXTURE (60 IN. HEIGHT)

CRF 60