SPECIFICATIONS

PISTON AREA: 55.0 IN^2 (354.8 CM^2)

ROD DIAMETER: 6.00 (152.4 MM)

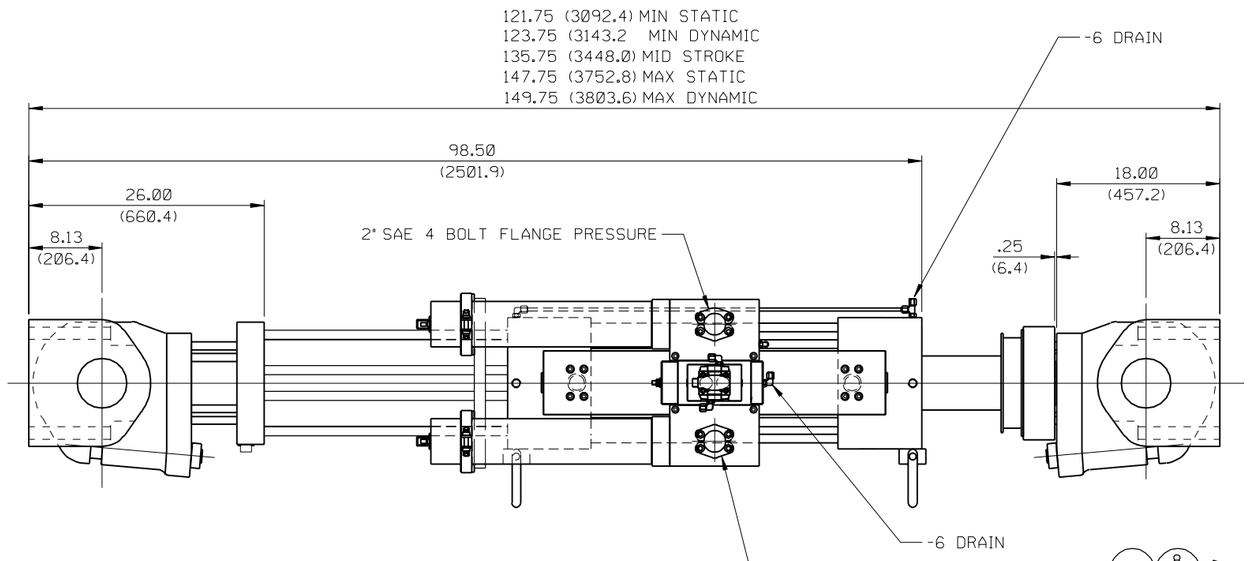
DYNAMIC STROKE: 24.00 IN (609.6 MM)

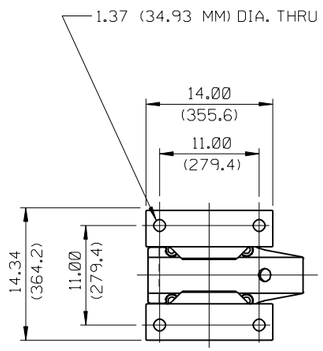
STATIC STROKE: 28.00 IN (711.2 MM)

CUSHIONS: 2.00 (50.8)
BOTH ENDS

STATIC FORCE RATING: 165.0 KIP (734.0 KN)
AT 3000 PSI (207 BAR)
STATIC SYSTEM PRESSURE

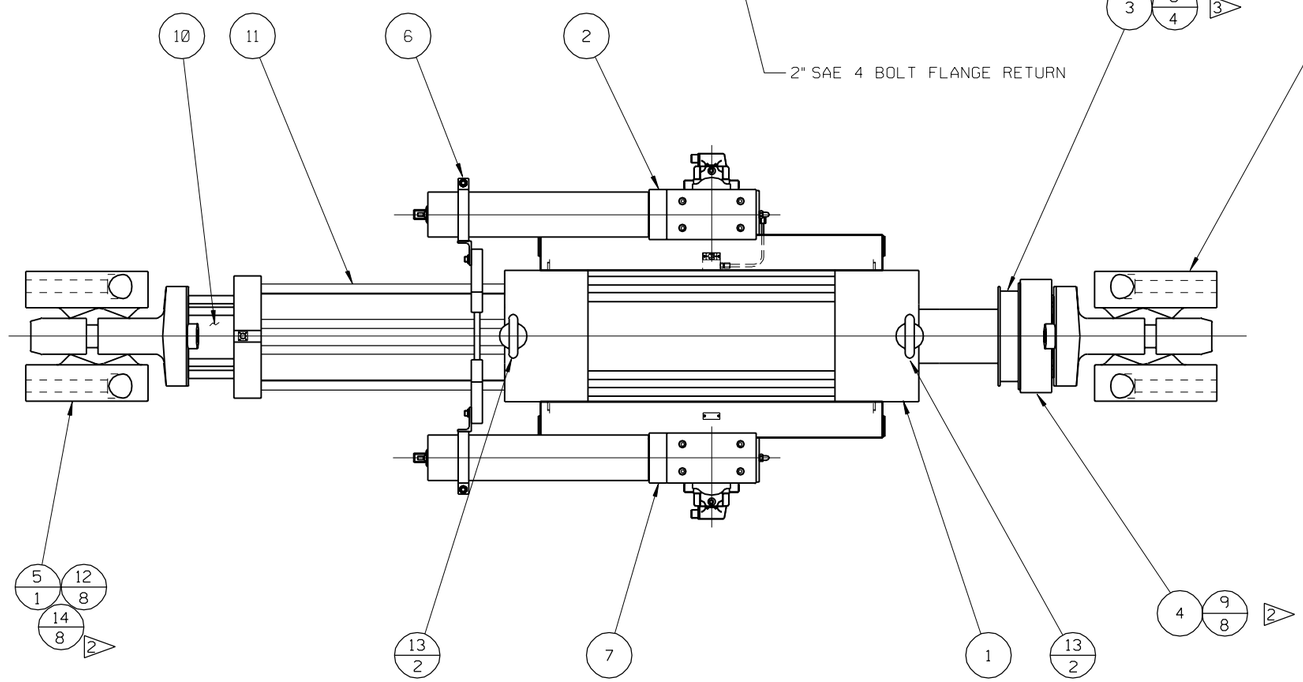
ASSEMBLY WEIGHT: 4900 LBS (2223 KG)





SWIVEL MOUNTING

TYPICAL BOTH ENDS



NOTES:

1. DIMENSIONS IN PARENTHESIS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. LUBE AND TORQUE TO 340 LB-FT (462 N-M)
3. LUBE AND TORQUE TO 13.8 LB-FT (19 N-M)

REVISIONS

DESCRIPTION DFTSMN APPVL DATE	LETTER	ECO NO.
CHANGED TORQUE CALL OUT PER NON-ECN 1526. DLH CPD 12-11-96	B	RULE 1
P/L CHG RPS ITEM 12 ADD ITEM 14 MJL CPD 4-12-97	C	97-0562

SOURCE/REF. DRAWING: 515162-01

UNLESS OTHERWISE SPECIFIED

MATERIAL DESCRIPTION

MATERIAL SIZE

FINISH MASK M

- THREAD DEPTHS ARE TO MIN. FULL THDS
- DRILL DEPTHS ARE TO FULL DIA.
- REMOVE BURRS AND SHARP EDGES
- DO NOT SCALE PRINT

SCALE 1/8

MACHINED SURFACES 180 √

.XXX HOLE SIZE TOLERANCE

0.000 TO .750	OVER .750 TO 1.500
+.010/-.002	+.015/-.003

GENERAL TOLERANCES: ANGLE ±2° | X/Y ±1/4 | .X ±.1 | .XX ±.03 | .XXX ±.010

THIRD ANGLE PROJ.

MTS SYSTEMS CORPORATION
EDEN PRAIRIE, MINNESOTA U.S.A. ©

	DRAWN	CHECK	ENGR	MFG
	JFW		CPD	
DATE	1-15-96	DATE	1-96	DATE

TITLE: ACTUATOR ASSY-244.50S 24" STROKE

NEXT LEVEL

PRODUCT CODE 244.50S

SIZE	NUMBER	REV
D	516521-01	C

SHEET 1 OF 1