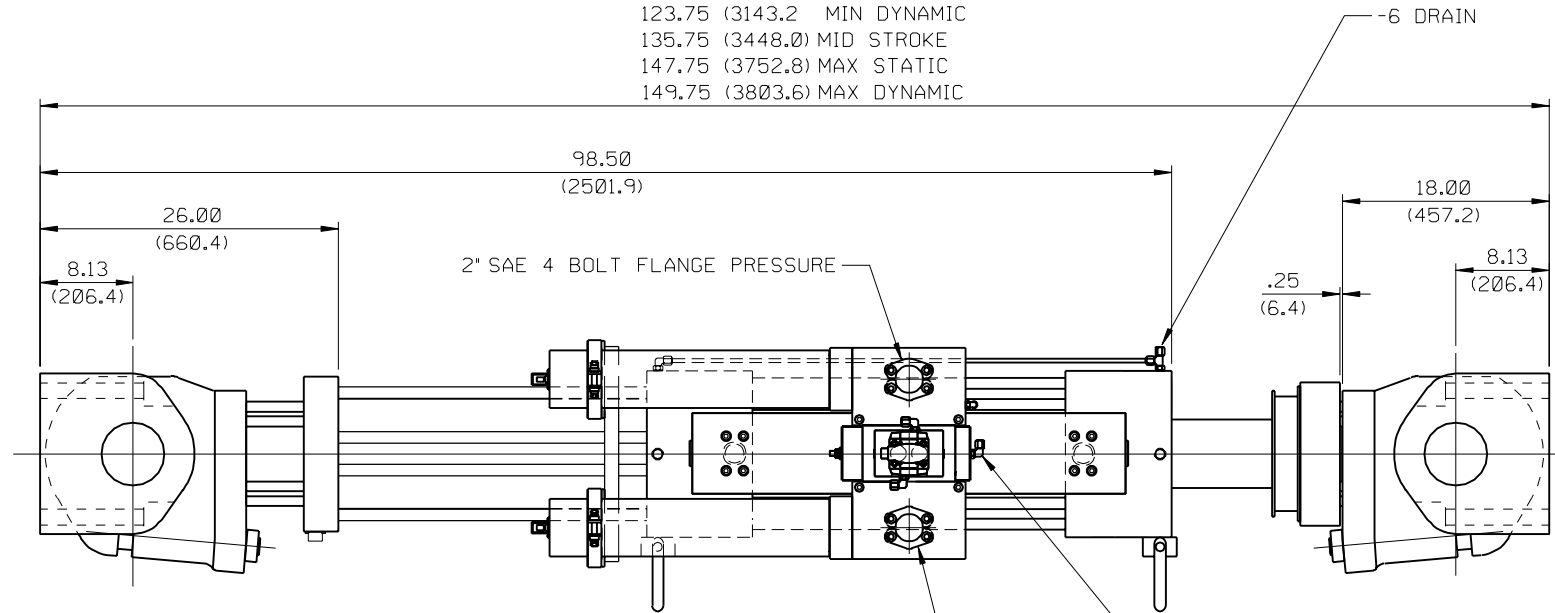


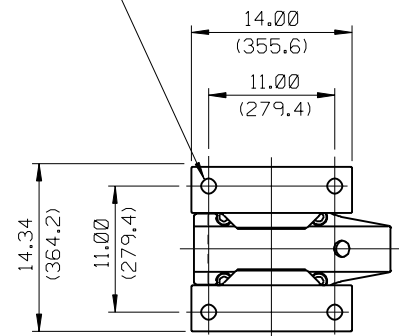
# SPECIFICATIONS

PISTON AREA: 55.0 IN<sup>2</sup> (354.8 CM<sup>2</sup>)  
 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)

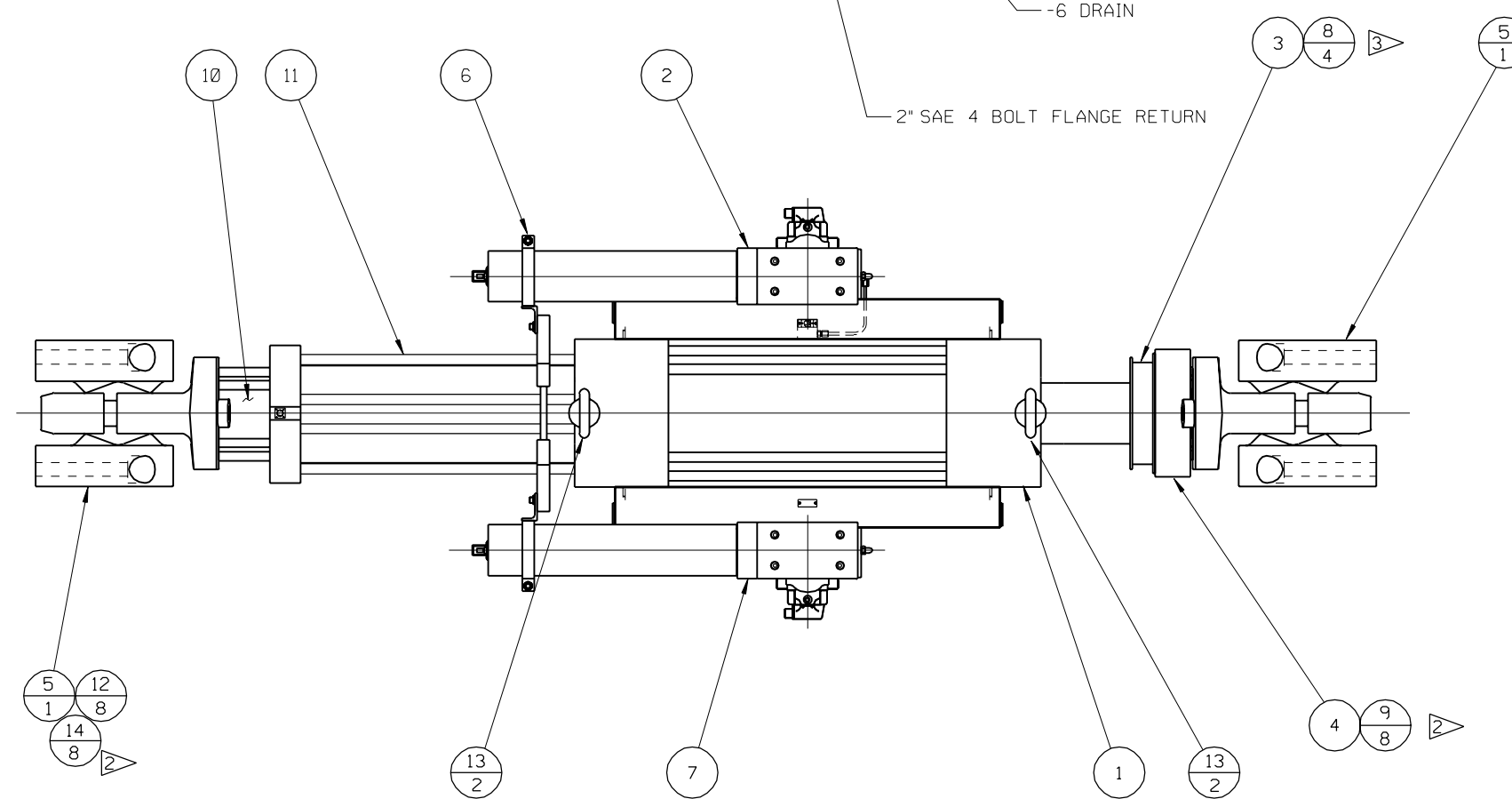
121.75 (3092.4) MIN STATIC  
 123.75 (3143.2) MIN DYNAMIC  
 135.75 (3448.0) MID STROKE  
 147.75 (3752.8) MAX STATIC  
 149.75 (3803.6) MAX DYNAMIC



1.37 (34.93 MM) DIA. THRU -(4) PLACES.



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

SOURCE/REF. DRAWING: 515162-01

**PROPRIETARY DATA**  
 The information and design(s) disclosed herein are the property of MTS Systems Corporation and may not be used, reproduced or disclosed in any form except as granted in writing by MTS Systems Corporation. This restriction excludes information that is in the public domain or was legitimately in the prior possession of the recipient.

UNLESS OTHERWISE SPECIFIED				
MATERIAL DESCRIPTION	.XXX HOLE SIZE TOLERANCE	DRAWN	CHECK	ENGR
MATERIAL SIZE	0.000 TO .750 +.010/-0.002	JFW	DATE	CPD
FINISH	OVER .750 TO 1.500 +.015/-0.003	DATE	DATE	DATE
SCALE	1/8	TITLE		
GENERAL TOLERANCES	ANGLE ±2°	ACTUATOR ASSY-244.50S		
THREAD DEPTHS ARE TO MIN. FULL THDS.	X/Y ±1/4	24" STROKE		
DRILL DEPTHS ARE TO FULL DIA.	.X ±.1	NEXT LEVEL	SIZE	NUMBER
REMOVE BURRS AND SHARP EDGES.	.XXX ±.03			
DO NOT SCALE PRINT	MACHINED SURFACES ±.010	PRODUCT CODE	NUMBER	REV
	THIRD ANGLE PROJ.	244.50S	D	516521-01
MTS SYSTEMS CORPORATION EDEN PRAIRIE, MINNESOTA U.S.A. ©				C
				SHEET 1 OF 1