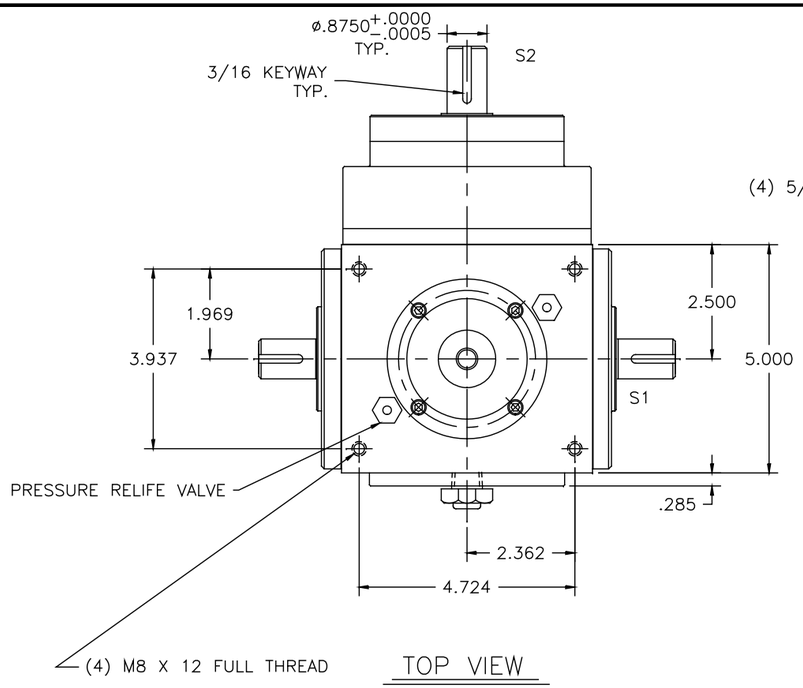
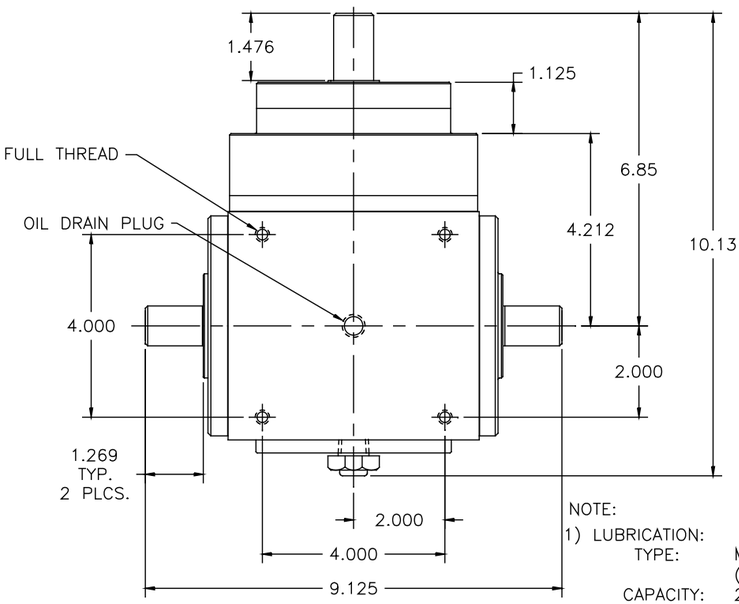


TOP VIEW



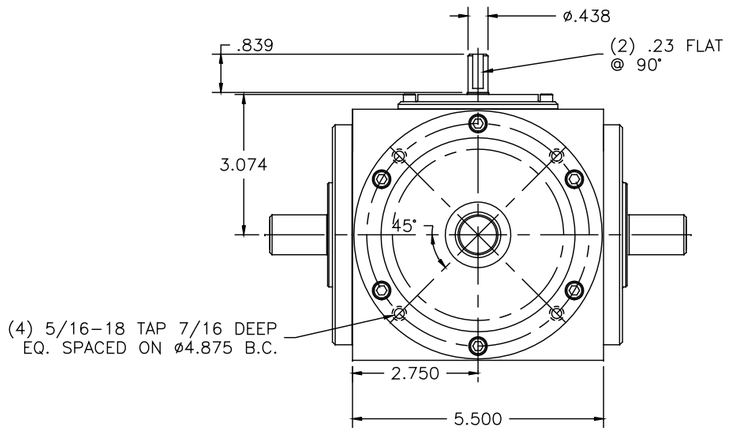
BOTTOM VIEW

NOTE:

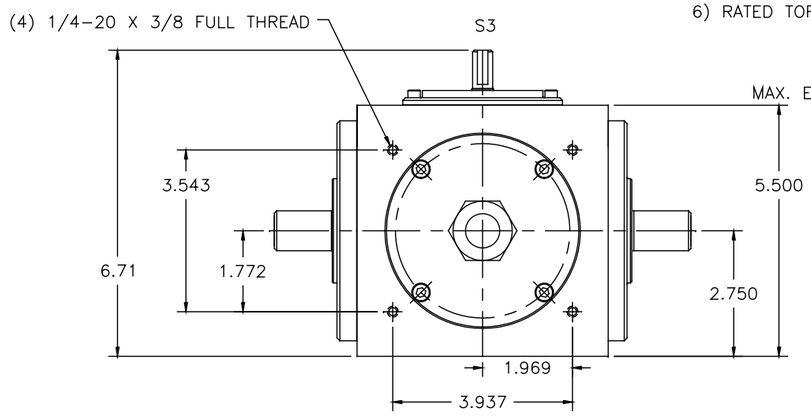
1) LUBRICATION:
   - TYPE: MOBILGEAR 627 (OR EQUIVALENT)
   - CAPACITY: 20 oz.
   - CHANGE INTERVAL: FIRST @ 150 HR. SUBS. @ 2000 HR.
2) OPERATING TEMPERATURE: 93°C MAX.
3) WEIGHT: 50 lbs.
4) S3 TO S2 RATIO: 80:1
5) S1 TO S2 RATIOS: 1:1, 2:1
6) RATED TORQUE @ THRU SHAFT SPEED:
   - 300 lb-in @ 2000 RPM
   - 371 lb-in @ 1750 RPM
   - 420 lb-in @ 1000 RPM

MAX. E-STOP TORQUE = 1120 lb-in

PILOT DIAMETER



FRONT VIEW



BACK VIEW

RATIO		
S1:S2	PINION	PART NUMBER
1:1	RIGHT	300RD1:1S00RA1
2:1	RIGHT	300RD2:1S00RA1
1:1	LEFT	300RD1:1S00LA1
2:1	LEFT	300RD2:1S00LA1

SYM	DATE	CHANGE	CHNG	APPR

REVISIONS

UNLESS OTHERWISE SPECIFIED
• DO NOT SCALE DRAWING • BREAK ALL SHARP EDGES •

DIMENSIONS	TOL.	MM	INCHES
MM ☒ INCHES ☐	.X	± ——	±.030
	.XX	± ——	±.010
	.XXX	± ——	±.005
	FRACTIONAL		±1/64
	ANGULAR		±1/2°

FINISH 63 | THIRD ANGLE PROJECTION

DRAWN BY: J ARENDT — DATE: 10/12/99
CHECK BY: J ARENDT — DATE: 10/12/99
APPROVED BY: — DATE:
MATERIAL:
FINISH:

CONIC SYSTEMS, INC
HARMONIC DIFFERENTIALS & CONTROL SYSTEMS
Eleven Rebel Lane, Port Jervis N.Y. 12771

ASM/PART DESCRIPTION: MODEL 300SRA
REPLACES:
ASM/PART: 300-080R?S00?A
SIZE: C | SCALE: 1:2 | DWG: IM3C001-C | REV: