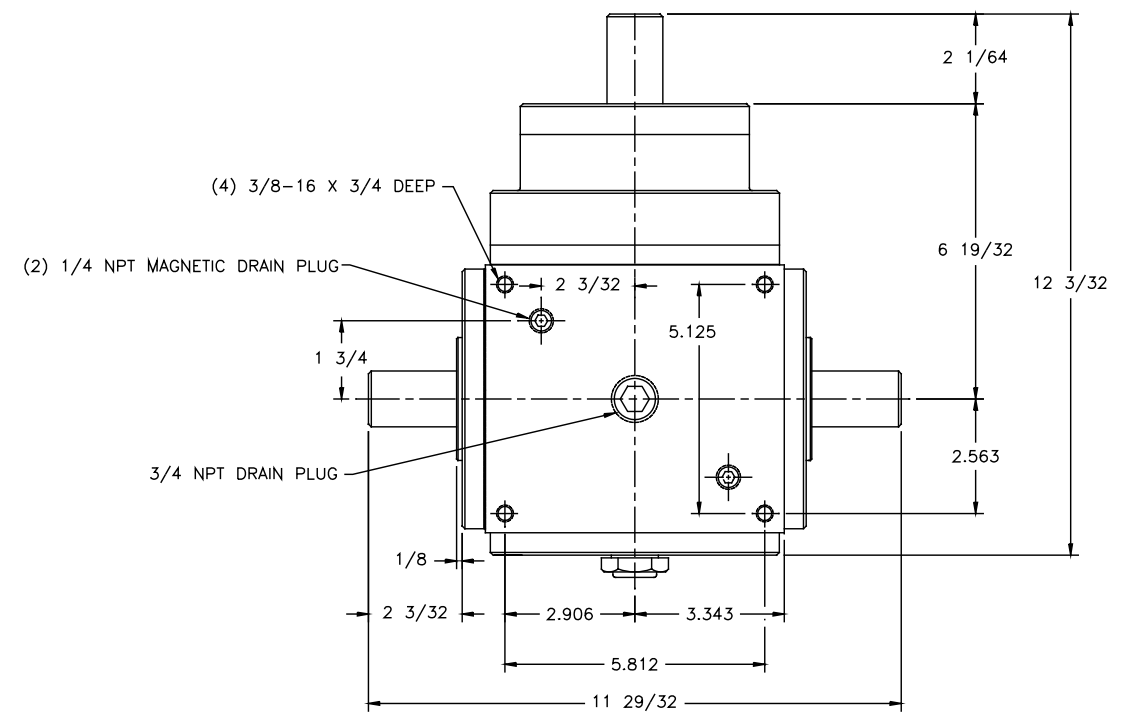
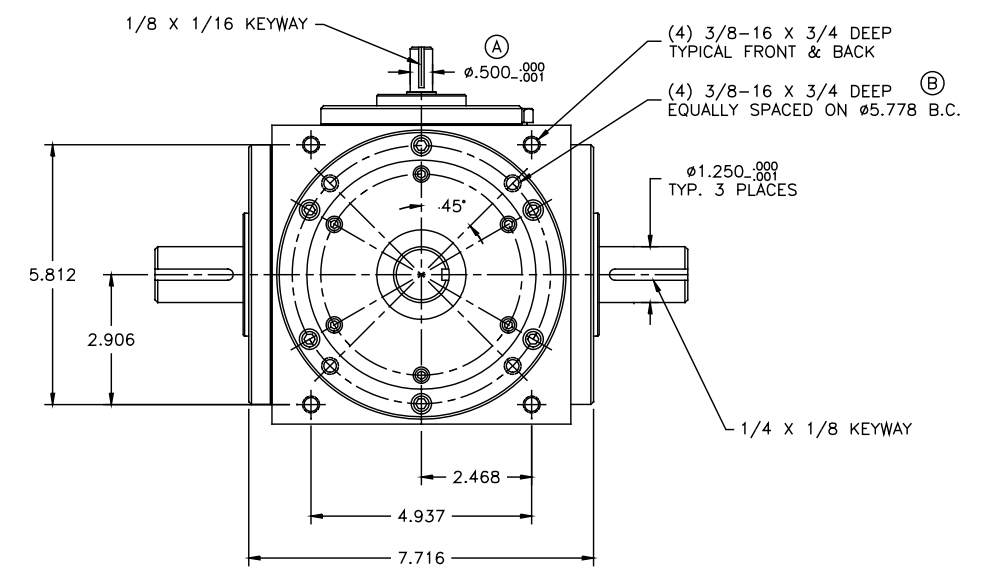


TOP VIEW

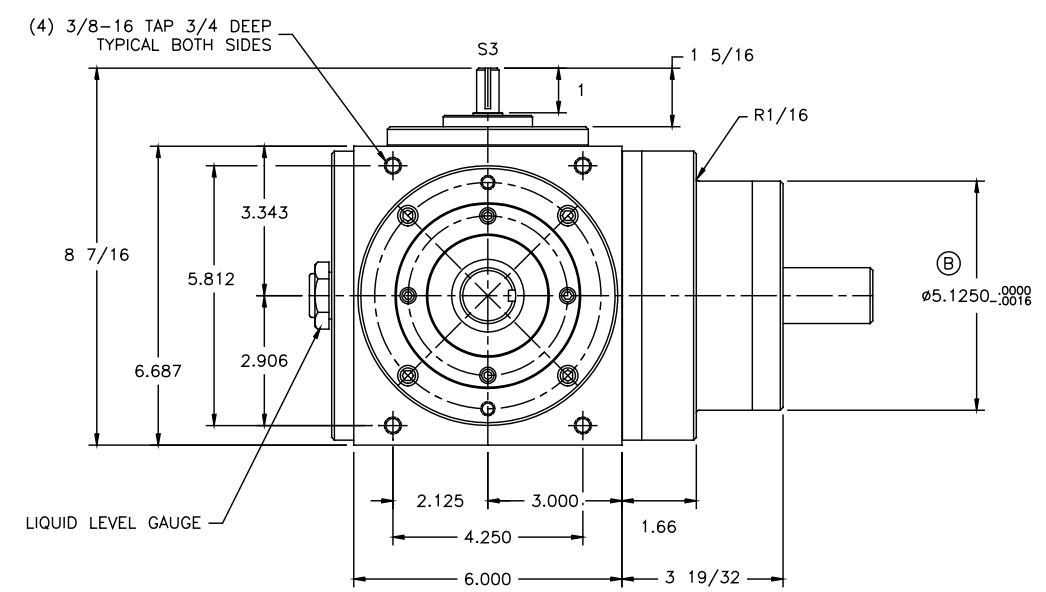


BOTTOM VIEW

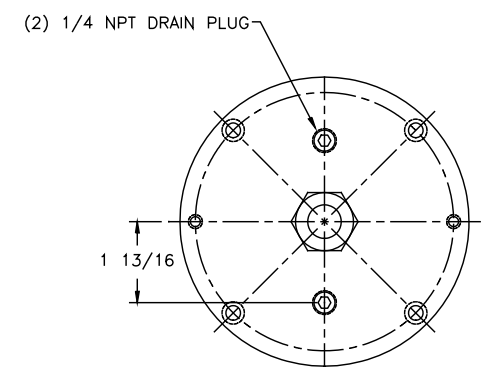
- NOTE:
- LUBRICATION:
    - TYPE: MOBILGEAR 627 (OR EQUIVALENT)
    - CAPACITY: 50 OZ.
    - CHANGE: FIRST @ 150 HR.
    - INTERVAL: SUBSEQUENT @ 2000 HR. (NORMAL OPERATING CONDITIONS)
  - OPERATING TEMPERATURE: 200°F MAX.
  - WEIGHT: 78 lbs.
  - S3 TO S2 RATIO: 80:1
  - S1 TO S2 RATIOS: 1:1, 2:1
  - RATED TORQUE @ THRU SHAFT SPEED:
    - 560 lb-in @ 2000 RPM
    - 620 lb-in @ 1750 RPM
    - 750 lb-in @ 1000 RPM
    - MAX. E-STOP TORQUE = 1350 lb-in



FRONT VIEW



SIDE VIEW



BACK COVER

RATIO	PINION	PART NUMBER
S1:S2	RIGHT	500RD1:1S02RA1
1:1	RIGHT	500RD2:1S02RA1
1:1	LEFT	500RD1:1S02LA1
2:1	LEFT	500RD2:1S02LA1

UNLESS OTHERWISE SPECIFIED				DATE: 10/05/97	<b>CONIC SYSTEMS, INC.</b> <small>HARMONIC DIFFERENTIALS &amp; CONTROL SYSTEMS</small> <small>Eleven Rebel Lane, Port Jervis N.Y. 12771</small>																			
DO NOT SCALE DRAWING				DATE: 10/05/97																				
BREAK ALL SHARP EDGES				DATE: 10/05/97	ASM/PART DESCRIPTION: INSTALLATION: MODEL 500 RIGHT ANGLE STANDARD																			
DIMENSIONS:				TOL.	MM	INCHES																		
.X				±	—	±.015																		
.XX				±	—	±.010																		
.XXX				±	—	±.005																		
INCHES				FRACTIONAL	±	1/32																		
ANGULAR				±	1/2°																			
FINISH: 63																								
<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>CHANGE</th> <th>CHNG</th> <th>APPR</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>08/02/00</td> <td>DRAIN/FILL PLUGS CHANGED</td> <td>JA</td> <td></td> </tr> <tr> <td>B</td> <td>04/28/98</td> <td>3/8-16 TAPS ADDED, DIM WAS 5.118</td> <td>JA</td> <td></td> </tr> <tr> <td>A</td> <td>03/12/98</td> <td>SHAFT WAS #438</td> <td>JA</td> <td></td> </tr> </tbody> </table>				REV	DATE	CHANGE	CHNG	APPR	C	08/02/00	DRAIN/FILL PLUGS CHANGED	JA		B	04/28/98	3/8-16 TAPS ADDED, DIM WAS 5.118	JA		A	03/12/98	SHAFT WAS #438	JA		MATERIAL: 500-080-RA-1S02 500-080R?S02?A
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SIZE: SCALE: 1:2 DWG: IM5C005-D				REV: C																				