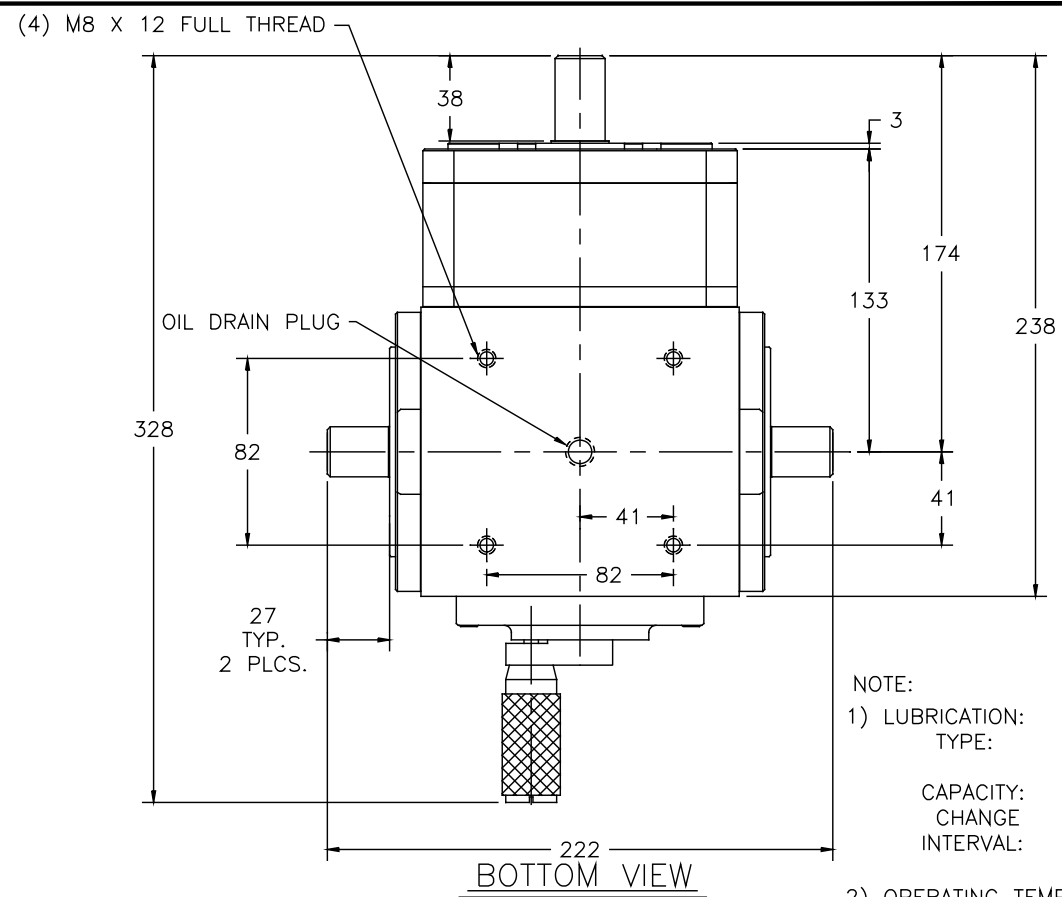
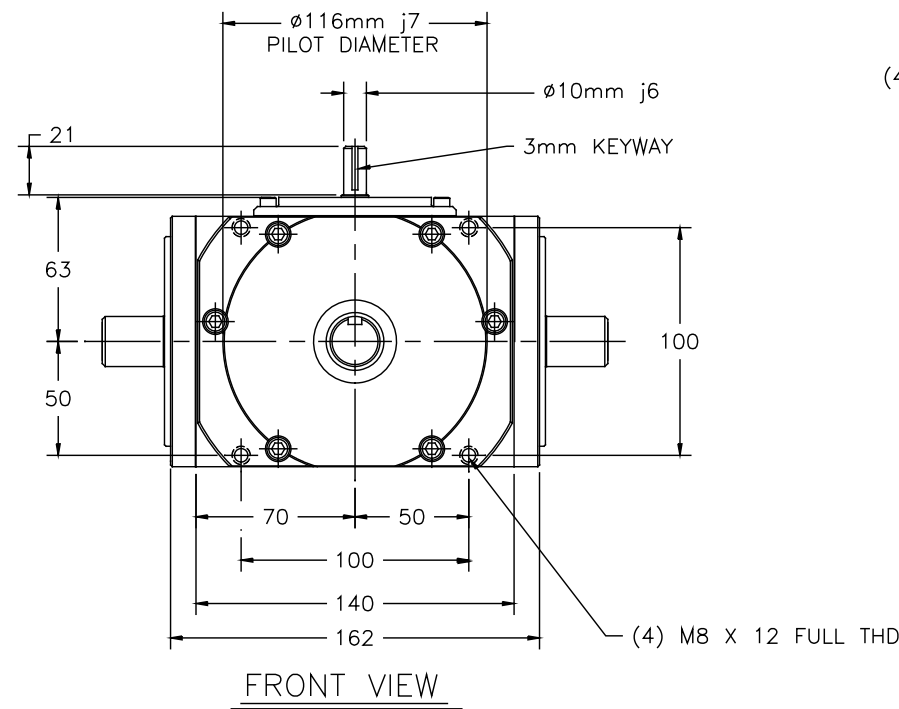


TOP VIEW

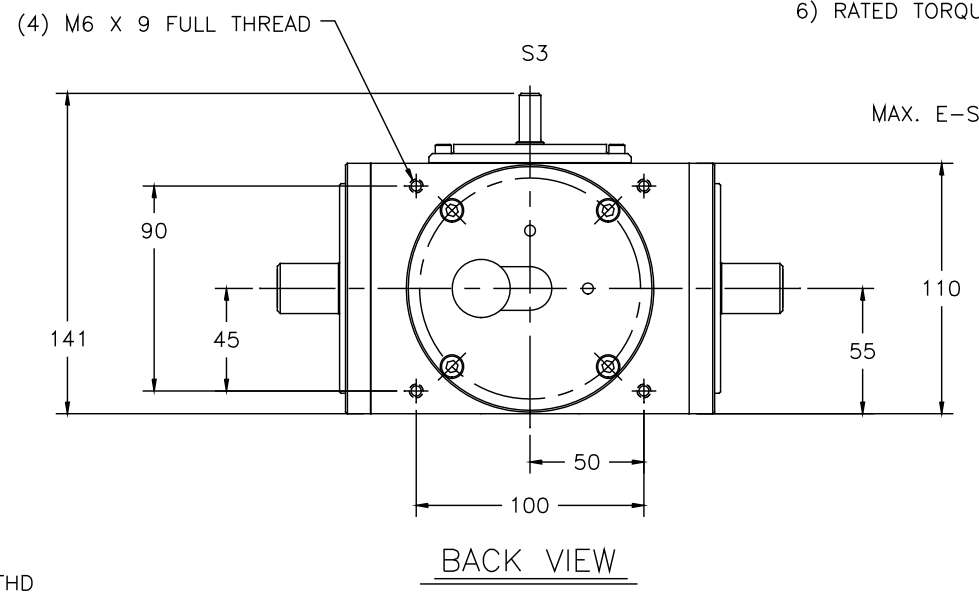


BOTTOM VIEW

- NOTE:
- 1) LUBRICATION:
 - TYPE: MOBILGEAR 627 (OR EQUIVALENT)
 - CAPACITY: 580 mL
 - CHANGE INTERVAL: FIRST @ 150 HR. SUBS. @ 2000 HR.
 - 2) OPERATING TEMPERATURE: 93°C MAX.
 - 3) WEIGHT: 20 kg
 - 4) S3 TO S2 RATIO: 80:1
 - 5) S1 TO S2 RATIOS: 1:1, 2:1
 - 6) RATED TORQUE @ THRU SHAFT SPEED:
 - 34 Nm @ 2000 RPM
 - 42 Nm @ 1750 RPM
 - 50 Nm @ 1000 RPM
 - MAX. E-STOP TORQUE = 127 Nm



FRONT VIEW



BACK VIEW

RATIO	SHIFTER ENGAGEMENT	PART NUMBER
S1:S2	MULTI-POSITION	300RD1:1M00SA1
1:1	SINGLE-POSITION	300RD1:1M00TA1

SYM	DATE	CHANGE	CHNG	APPR
REVISIONS				

UNLESS OTHERWISE SPECIFIED		DO NOT SCALE DRAWING • BREAK ALL SHARP EDGES •	DRAWN BY: J ARENDT	DATE: 03/07/00	CONIC SYSTEMS, INC HARMONIC DIFFERENTIALS & CONTROL SYSTEMS Eleven Rebel Lane, Port Jervis N.Y. 12771
DIMENSIONS		TOL.	CHECK BY: J ARENDT	DATE: 03/07/00	
MM	.X	± .030	APPROVED BY:	DATE:	ASM/PART DESCRIPTION: MODEL 300MRAS METRIC SHIFTER
	.XX	± .010	MATERIAL:		REPLACES: 300-080R1M00SA
	.XXX	± .005	FINISH:		ASM/PART: 300RD1:1M00?A1
	FRACTIONAL	± 1/64			SIZE: SCALE: DWG: REV:
	ANGULAR	± 1/2°			C 1:2 IM3C007-C
	THIRD ANGLE PROJECTION				