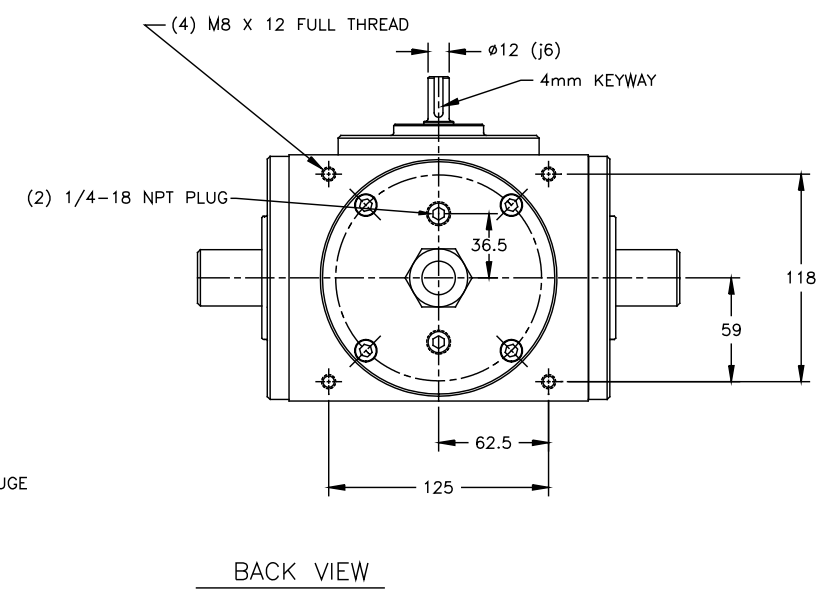
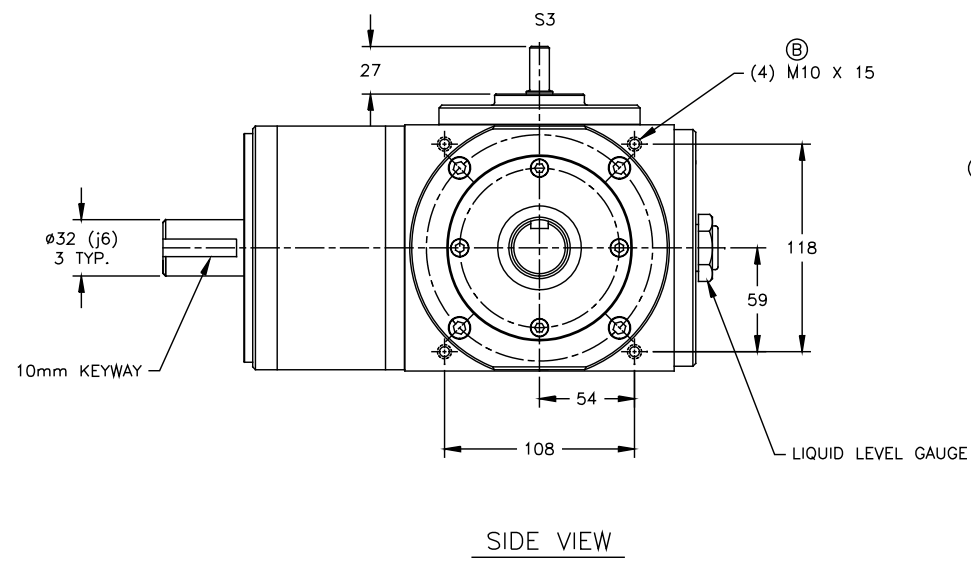
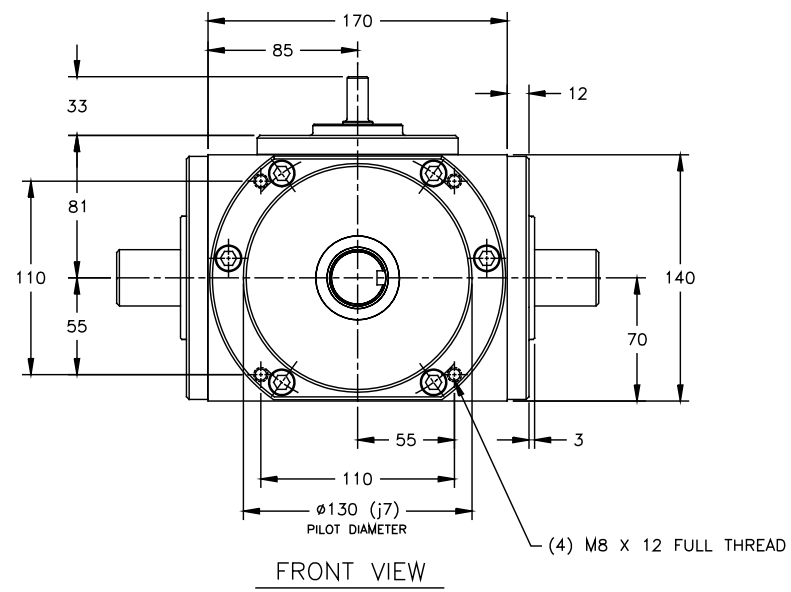


- NOTE:
- LUBRICATION:
 - TYPE: MOBILGEAR 627 (OR EQUIVALENT)
 - CAPACITY: 739 mL
 - CHANGE: FIRST @ 150 HR.
 - INTERVAL: SUBSEQUENT @ 2000 HR. (UNDER NORMAL OPERATING CONDITIONS)
 - OPERATING TEMPERATURE: 93°C MAX.
 - WEIGHT: 34 kg
 - S3 TO S2 RATIO = 80:1
 - S1 TO S2 RATIOS: 1:1, 2:1
 - RATED TORQUE @ THRU SHAFT SPEED:
 - 63.3 N-m @ 2000 RPM
 - 70.0 N-m @ 1750 RPM
 - 84.7 N-m @ 1000 RPM
 - MAX. E-STOP TORQUE = 152 N-m



RATIO		
S1:S2	PINION	PART NUMBER
1:1	RIGHT	500RD1:1M00RA1
2:1	RIGHT	500RD2:1M00RA1
1:1	LEFT	500RD1:1M00LA1
2:1	LEFT	500RD2:1M00LA1

SY#	DATE	CHANGE	CHNG	APPR
B	07/17/00	DRAIN PLUGS CHANGED; M10 WAS M8 TAP	JA	
A	08/18/98	DIMENSION WAS 291mm	JA	

UNLESS OTHERWISE SPECIFIED			DO NOT SCALE DRAWING	BREAK ALL SHARP EDGES
DIMENSIONS:	TOL.	MM	INCHES	
MM	.XX	±	±	
INCHES	.XXX	±	±	
	FRACTIONAL	±	±	
	ANGULAR	±	1/2°	
FINISH	63			

DATE:	10/05/97	DATE:	10/05/97
DRAWN BY:	J ARENDT	CHECK BY:	J ARENDT
APPROVED BY:		DATE:	
MATERIAL:		REPLACES:	500-080-R?M00?A
FINISH:		ASM/PART:	500RD?:?M00?A1
SIZE:	SCALE: 1:2	DWG:	IM5C004-D
		REV:	B

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

ASM/PART DESCRIPTION:
 INSTALLATION: MODEL 500 RIGHT ANGLE METRIC