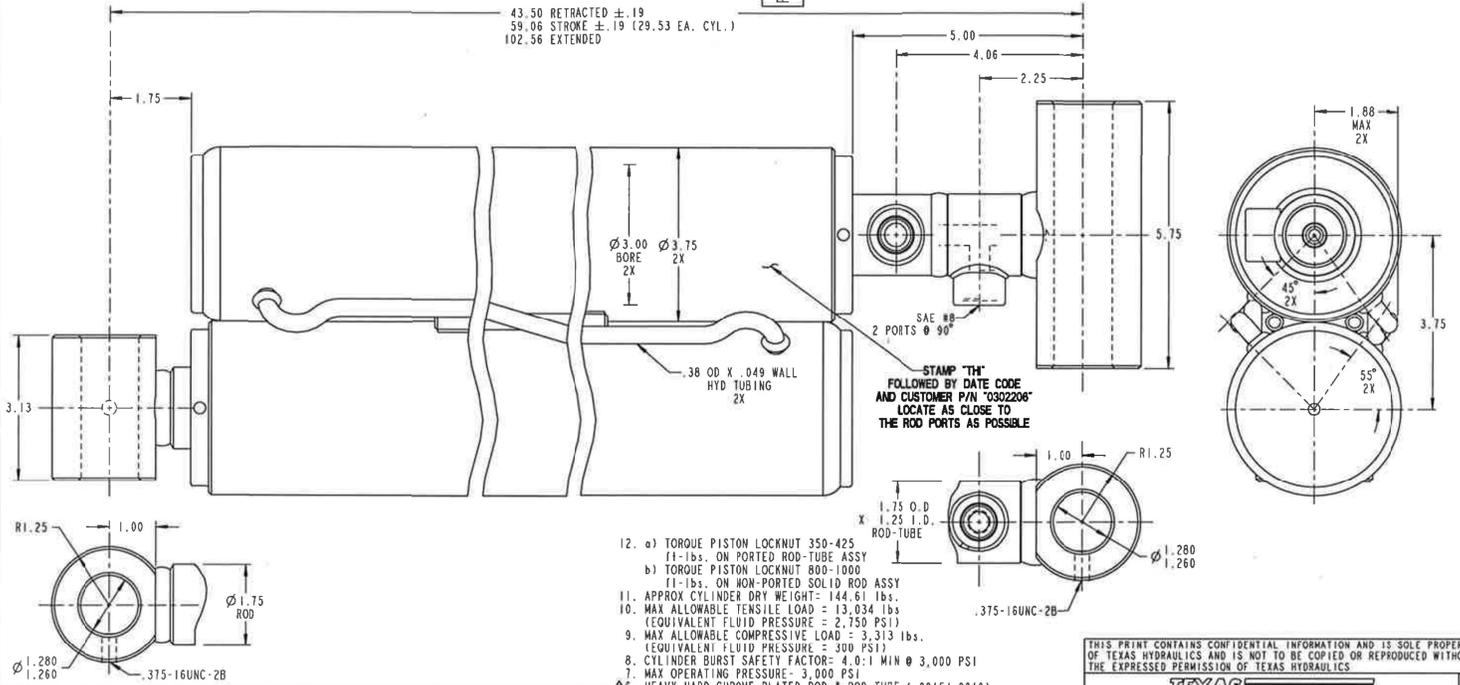


43.50 RETRACTED ± .19  
59.06 STROKE ± .19 (29.53 EA. CYL.)  
102.56 EXTENDED

P 30059128PPBZ



12. a) TORQUE PISTON LOCKNUT 350-425  
11-lbs. ON PORTED ROD-TUBE ASSY  
b) TORQUE PISTON LOCKNUT 800-1000  
11-lbs. ON NON-PORTED SOLID ROD ASSY
11. APPROX CYLINDER DRY WEIGHT = 144.61 lbs.
10. MAX ALLOWABLE TENSILE LOAD = 13,034 lbs  
(EQUIVALENT FLUID PRESSURE = 2,750 PSI)
9. MAX ALLOWABLE COMPRESSIVE LOAD = 3,313 lbs.  
(EQUIVALENT FLUID PRESSURE = 300 PSI)
8. CYLINDER BURST SAFETY FACTOR = 4.0:1 MIN @ 3,000 PSI
7. MAX OPERATING PRESSURE = 3,000 PSI
6. HEAVY HARD CHROME PLATED ROD & ROD-TUBE (.0015/.0010)
5. PAINT - RED PRIMER (P0002)
4. TEST - THMS 20 @ 3,000 PSI
3. TORQUE - THMS 10
2. LUBE ALL SEALS BEFORE ASSY
1. ALL DIMENSIONS REFERENCE

ADDED LOCKING O-RING 10902 TO HEADS; RFC 14951  
ADDED HEAVY CHROME TO ROD & ROD-TUBE;  
RFC 13560

CYLINDER DETAILED  
CHANGE

WILLER INDUSTRIES (0302206) UNDERLIFT EXT. BOOM

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**TEXAS HYDRAULICS**

MACHINING TOLERANCES  
UNLESS OTHERWISE SPECIFIED

DRAWN BY DM 010297

ONE PLACE .X ± ± .1  
TWO PLACES .XX ± ± .03  
THREE PLACES .XXX ± ± .010  
FOUR PLACES .XXXX ± ± .0010  
BREAK ALL SHARP EDGES .010 x 45°

CHECKED  
APPROVED  
SCALE: 0.500

DO NOT SCALE DRAWING FOR MACHINING DIMENSIONS

CYLINDER ASSEMBLY

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REV 02

NO	PART NO	DESCRIPTION	QUAN	NO	PART NO	DESCRIPTION	QUAN
10	SK13340	SEAL KIT	1				
9	30312	WEAR RING	6				
8	30225	WEAR RING	4	18	73186	HEAD	1
7	11950	SEAL	2	17	73185	HEAD	1
6	10902	O-RING	2	16	73184	PISTON	2
5	10684	SEAL	2	15	59020	ROD-TUBE ASS'Y (59019)	1
4	10338	WIPER	2	14	59018	ROD ASS'Y (59017)	1
3	10072	BACK-UP	2	13	4K907	TUBE ASS'Y (4K906)	1
2	10042	O-RING	2	12	30536	PORT PLUG (PLASTIC)	1
1	10033	O-RING	2	11	20011	LOCKNUT	2

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