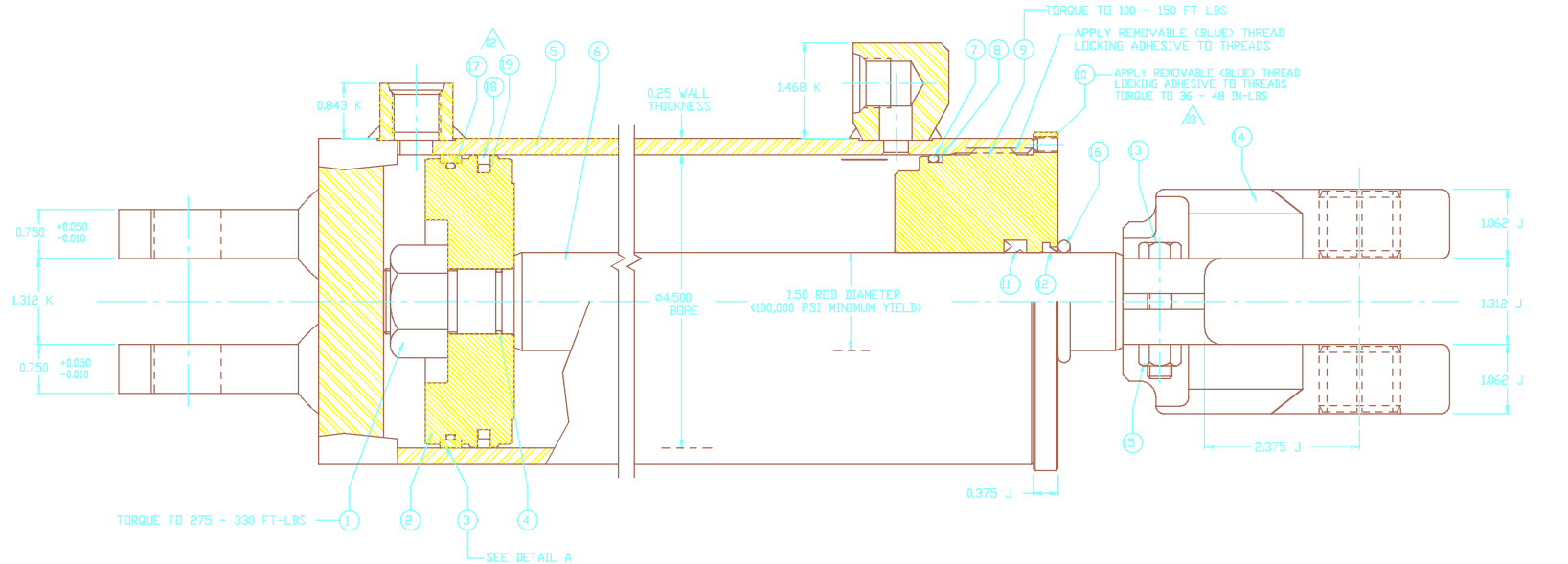
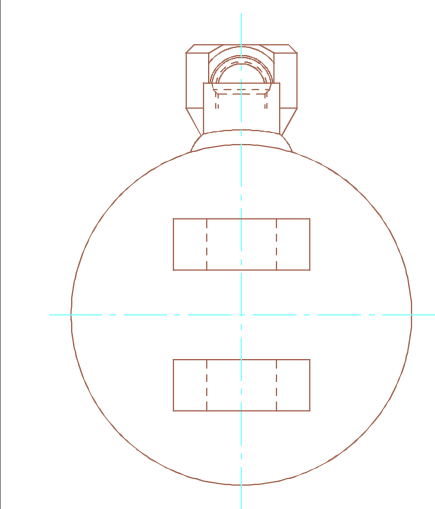
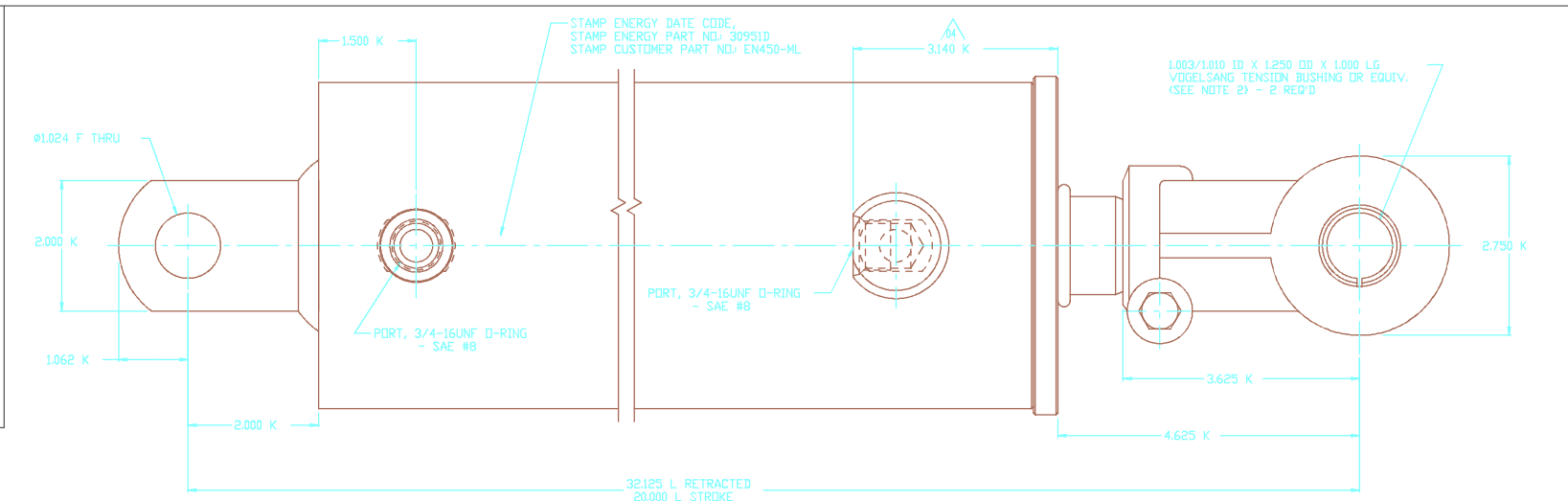
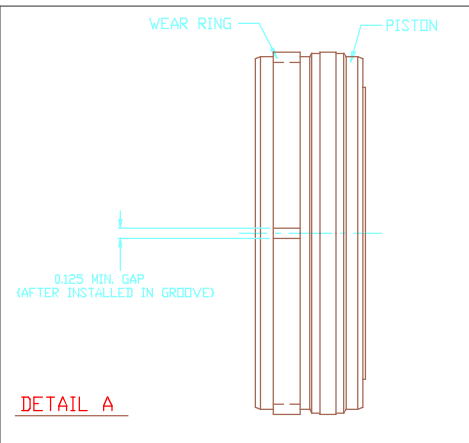




CYLINDER RATING			
CYLINDER PRESSURE RATING	3,000 PSI		
OPERATING TEMPERATURE RANGE	-40 F TO 200 F		
MINIMUM STRUCTURAL SAFETY FACTOR	1.40		
MINIMUM WALL BURST PRESSURE	8,925 PSI		
MAXIMUM RECOMMENDED ROD SPEED	100 FT/MIN		
MINIMUM RECOMMENDED ROD SPEED	5 FT/MIN		
MAX ROD SPEEDS UNDER 5 FT/MIN MAY CAUSE SEAL NOISE DUE TO STICK/SLIP.			
RECOMMENDED MAXIMUM COLUMN LOAD AT FULL EXTENSION WITH 2:1 SAFETY FACTOR, NO SIDE LOAD, PINNED ENDS AND NO INTERMEDIATE BRACING	20,245 LBS		
	(0.288 PSI)		
BORE	4.500	STOP TUBE	0
ROD DIA.	1.500	FINISH	55/65 BLACK
STROKE	20.000	ROD FINISH	HARD CHROME

NOTE: 1) CYLINDER WILL REPHASE AT THE END OF THE EXTEND STROKE. TWO SLOTS ON GROOVED END OF CYLINDER. SLOTS SET FOR 0.250 DROP BACK.

2) NO PAINT ALLOWED IN HOLE

SEAL KIT: 30968X

PINS: NOT FURNISHED

TRIPLE C. MFG.
PART NO. EN450-ML

DO NOT SCALE PRINT

30951D REPLACES 030951D

UNLESS OTHERWISE SPECIFIED

Letters of the alphabet defines

Tolerances as follows:

A 1/4-1.000 0.0005

B 1/4-1.000 0.0005

C 1/4-1.000 0.0005

D 1/4-1.000 0.0005

E 1/4-1.000 0.0005

F 1/4-1.000 0.0005

Materials

Finish

Drawn by

SA 07.27.06

Checked by

Approved by

Third Angle Projection

Rev

Revision

Date

App. by

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ENERGY MFG. CO., INC.

CHD-4520.1.50 ROD,B1,R1,SP

Scale

1:1

30951D

04