



CYLINDER RATING

CYLINDER PRESSURE RATING	2500 psig
OPERATING TEMPERATURE RANGE	-40 F TO 200 F
MINIMUM WALL BURST PRESSURE	7500 psig
MAXIMUM RECOMMENDED ROD SPEED	100 FT/MIN.
MINIMUM RECOMMENDED ROD SPEED	5 FT/MIN.
*** 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	10,250 LBS (1,460 PSI)

BORE :	3.000	STOP TUBE :	0
ROD. DIA. :	1.250	FINISH :	RED
STROKE :	18.000	ROD FINISH :	HARD CHROME

NOTES: 1) TIGHTEN CLEVIS UNTIL BOTTOM OF THROAT IS FLUSH WITH END OF ROD.

2) TIGHTEN SET SCREW SECURELY UNTIL NYLON BALL IS DEFORMED INTO THREADS.



5) DECALS: PER ES0045

6) CONSULT FACTORY IF CYLINDER APPLICATION REQUIRES MAXIMUM PRESSURE FULL REVERSAL LOADING WHERE FIELD FAILURE COULD RESULT IN INJURY TO PEOPLE OR MACHINERY DAMAGE.

Q38140D

04	PINS WERE A-9011 (QTY 2)	03.14.08	ECN3563
03	REVISED NOTES AND TORQUE SPEC.	05.21.99	ECN1380
02	REVISED TORQUE NOTE	01.07.99	ECN1296

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED	
Letters after dimensions defines tolerances as follows:	
A +/- 0.0005	G +/- 0.010
B +/- 0.0003	H +/- 0.020
C +/- 0.0005	J +/- 0.030
D +/- 0.001	K +/- 0.050
E +/- 0.002	L +/- 0.125
F +/- 0.005	Angle 1/2°

Material:	Third Angle Projection:	No.	Revision	Date	Appr. By
Finish:			ENERGY MFG. CO., INC.		
Drawn by:	PDM 5/16/95	Checked by:	Title: 3018, 1.250 ROD, B1, R1		
Approved By:			Scale:	FULL	

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