



**CYLINDER RATING**

CYLINDER PRESSURE RATING	2,500 PSI
OPERATING TEMPERATURE RANGE	-40 F TO 200 F
MINIMUM STRUCTURAL SAFETY FACTOR	2:1
MINIMUM WALL BURST PRESSURE	14,465 PSI
MAXIMUM RECOMMENDED ROD SPEED	100 FT/MIN.
RECOMMENDED MAXIMUM COLUMN LOAD AT FULL EXTENSION WITH 2:1 SAFETY FACTOR, NO SIDE LOAD, PINNED ENDS AND NO INTERMEDIATE BRACING	17,510 LBS

BORE :	2.000	STOP TUBE :	0.250
ROD. DIA. :	1.125	FINISH :	55/65 BLACK
STROKE :	19.000	ROD FINISH :	HARD CHROME

SEAL KIT: 28621X  
PINS: NOT FURNISHED

Q38141D

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DO NOT SCALE PRINT		01 ISSUE DRAWING		01.28.04	ENG SA
UNLESS OTHERWISE SPECIFIED Letters after dimensions defines tolerances as follows:		Third Angle Projection		No.	Revision
A +/- 0.00015	G +/- 0.010	ENERGY MFG. CO., INC.		Date	Appr. By
B +/- 0.0003	H +/- 0.020	CYL-2019.25, 1.125 ROD, *19 EFF*			
C +/- 0.0005	J +/- 0.030	Scale:		FULL	01
D +/- 0.001	K +/- 0.060	Drawn by:		S.A. 01.28.04	Checked by:
E +/- 0.002	L +/- 0.125	Approved By:			
F +/- 0.005	Angle +/- 2'				