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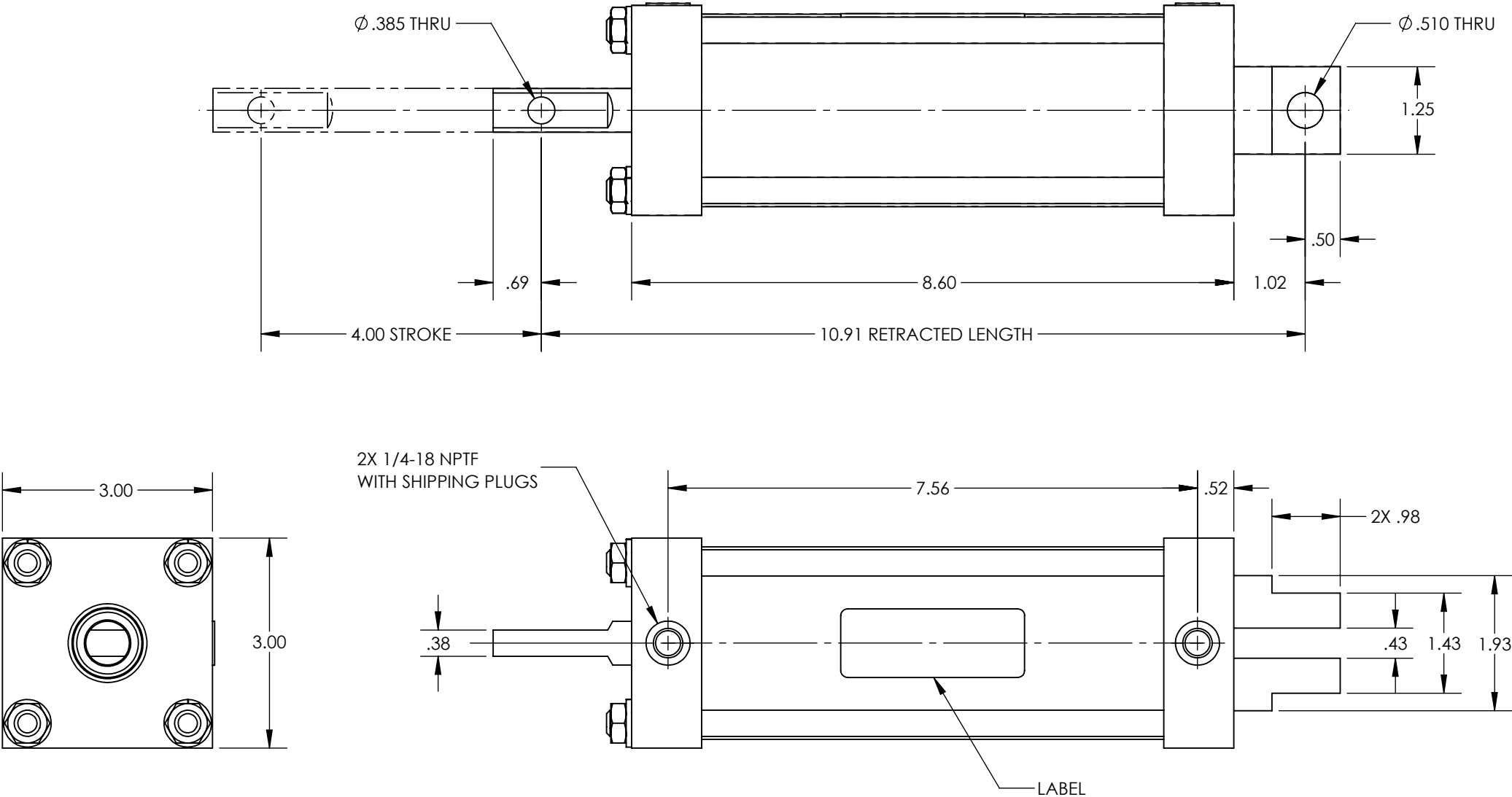
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NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS:  
ASME Y14.5M-1994, DIMENSIONING AND TOLERANCING  
ASME Y14.38-1999, ABBREVIATIONS
2. COMPONENT OR ITEM TO BE COMPLIANT WITH THE MOST  
CURRENT REVISION OF THE RoHS / Wee DIRECTIVE FOR  
THE REDUCTION OF HAZARDOUS SUBSTANCES AND MATERIAL.
3. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
4. ENGINEERING REFERENCE:  
SPRING FORCE IN RETRACTED STATE: 25 LBF (0 PSI)  
SPRING FORCE IN EXTENDED STATE: 125 LBF (30 PSI MIN)

CONTROLLED COPY

| REV | DATE       | EC # | DESCRIPTION         | DRAWN  | CKD |
|-----|------------|------|---------------------|--------|-----|
| A   | 2016-08-08 |      | INITIAL RELEASE     | JMA    |     |
| A1  | 2024-05-08 |      | DRAWN IN SOLIDWORKS | NR/NAS | CED |
| A2  | 2025-12-01 |      | TEMPLATE UPDATE     | NR     | NAS |



|                          |                                                                                                                                       |  |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--|
| FUNCTION                 | SPRING RETRACT CYLINDER, 2.50 IN. BORE X 4.00 IN. STROKE                                                                              |  |
| MECHANICAL MATERIALS     | ANODIZED ALUMINUM BODY, PISTON, AND END CAPS; STAINLESS STEEL RODS, ACETAL ROD BEARING, LOW TEMP. NITRILE, LOW COMP. SET POLYURETHANE |  |
| SEALS                    |                                                                                                                                       |  |
| MTG STYLE                | CLEVIS                                                                                                                                |  |
| ASSY LUBRICATION         | HEAVY TRANSPORT SILICONE                                                                                                              |  |
| TEMP                     | -40 TO 180°F                                                                                                                          |  |
| FILTRATION               | 40 MICRON                                                                                                                             |  |
| SYSTEM LUBRICATION REQ'D | N/A                                                                                                                                   |  |
| PRESSURE RANGE           | MIN: 0 PSI    MAX: 150 PSI                                                                                                            |  |

CUSTOMER PRINT

NOTE: PART MUST BE CLEAN AND BURR FREE  
MFG TOLERANCES UNLESS OTHERWISE NOTED:  
ALL UNITS ARE INCHES  
(2) DECIMAL PLACES: ±.01  
(3) DECIMAL PLACES: ±.005  
ANGLES: ±.5°  
BREAK ALL EDGES .005/.015 X 45°  
MACHINED SURFACES TO BE 63 RMS  
CRITICAL CHARACTERISTIC - CONTROL  
PLAN REQUIRED



Third Angle  
Projection

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ANY PART THEREOF IS PROPRIETARY  
AND MAY NOT BE REPRODUCED OR  
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OF ALKON CORPORATION

|              |            |                                           |
|--------------|------------|-------------------------------------------|
| DRAWN BY     | NR         | DESCRIPTION                               |
| DRAWN DATE   | 2021-04-09 | CYL, TR, 2.50 X 4.00, SR, TANG,<br>CUSTOM |
| DRAWING SIZE | B          |                                           |
| MATERIAL     | SEE NOTES  | PART NUMBER                               |
| SCALE        | 1:2        | B3000-686                                 |
| SHEET #      | 1 OF 1     |                                           |