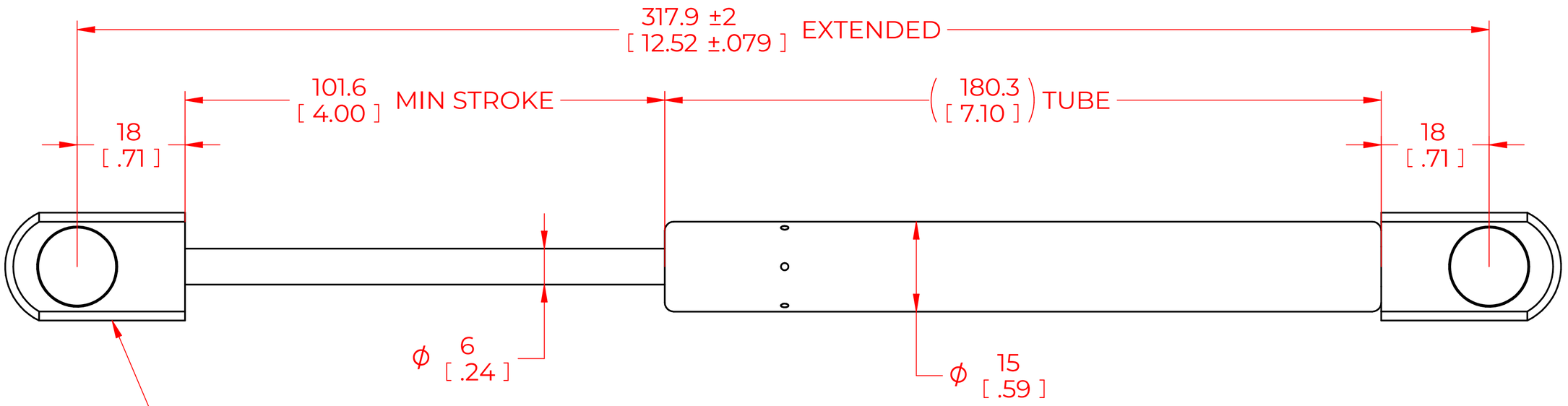
| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| 1 | | | |
| 2 | | | |
| 3 | | | |




| DAMPENING SPECS | | |
|---|---|---|
| DAMPENING TYPE | SPEED (40LBS OF LOAD) | MAX FORCE |
| HEAVY/ COMPRESSION | 1.4 "/s<br>96.52 mm/s | 140 LBS / 623 N |

NOTES:
1) MATERIAL: CYLINDER - HEAVY GAUGE STEEL, BLACK PAINT. ROD - HARDENED STEEL BLACK NITRIDE.
2) DIMENSIONS ASSUMING END CONNECTORS ARE FULLY FASTENED.
3) DRAWING LENGTHS (NOT DIMENSIONED) OF CYLINDER AND ROD BODIES ARE NOT TO SCALE.
4) OPERATING TEMPERATURE: -30°C TO +80°C.
5) STANDARD LABEL TO INCLUDE PART NUMBER, DATE CODE AND WARNING MESSAGE. LABEL NOT TO BE REMOVED.
6) DAMPER NOT TO BE CHANGED OR MODIFIED FROM ITS ORIGINAL MANUFACTURED INTENT.
7) DAMPER IS SUGGESTED TO BE MOUNTED SHAFT DOWN (ROD DOWN) FOR MAXIMUM PERFORMANCE.
8) IF APPLICABLE, CONNECTORS TO BE ORIENTED AS SHOWN ±5°.
9) DAMPER WILL BE INDIVIDUALLY PACKED IN SEALED AND CLEAR PLASTIC BAGS TO AVOID DAMAGE, DUST, OR OTHER FOREIGN OBJECTS.
10) DAMPER TO BE ASSEMBLED WITH END FITTINGS COMPLETELY FASTENED.
11) DAMPERS ARE NOT TO BE OPENED.
12) IF APPLICABLE, GREASE TO BE INCLUDED INSIDE THE BALL SOCKET OF THE END FITTINGS.

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REMOVE ALL BURRS AND BREAK ALL SHARP EDGES

ALL DIMENSIONS ARE DUAL UNLESS OTHERWISE SPECIFIED

| | NAME | DATE |
|---|---|---|
| DRAWN | DMA | 11/20/2024 |
| CHECKED | | |

PART No. NSDCH-4S-FB1 REV

TITLE HEAVY DAMPENING COMPRESSION DAMPER

| TOLERANCES | |
|---|---|
| X.X | ± 0.060 |
| X.XX | ± 0.030 |
| X.XXX | ± 0.010 |
| ANGLES | ± 1° |
| HOLES | ± 0.005 |

THIRD ANGLE PROJECTION

SCALE NTS

SIZE C

SHEET 1 OF 1