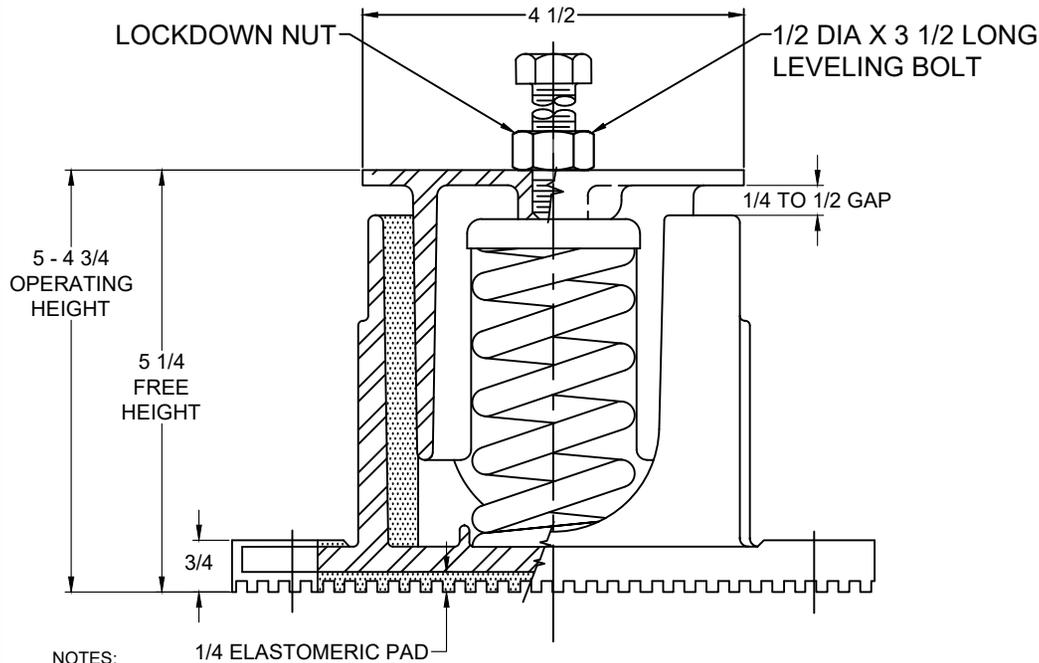
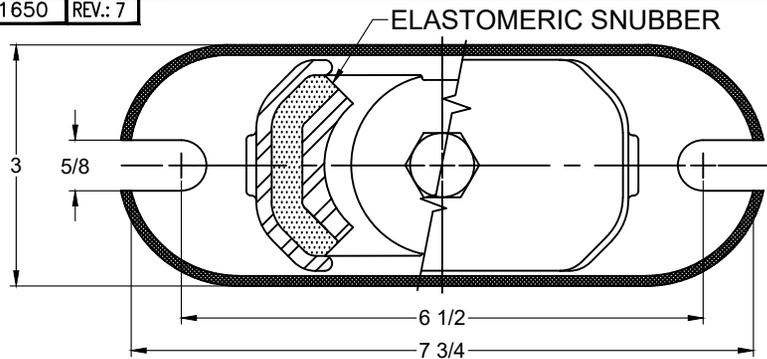


| REV. | DESCRIPTION | DATE | BY |
|------|-------------|------|----|
|      |             |      |    |



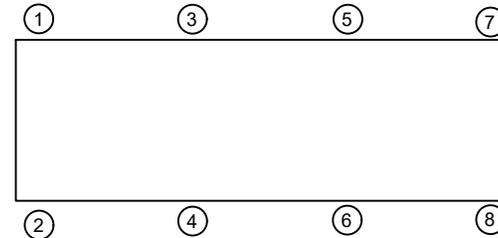
- NOTES:
1. ALL DIMENSIONS ARE IN INCHES, INTERPRET PER ANSI Y14.
  2. FINISH: HOUSINGS CAST IRON- ONE COAT BLACK PAINT, SPRINGS-POWER COAT, HARDWARE: ZINC-ELECTROPLATE.
  3. REFER TO SHEET 2 OF 2 FOR INSTALLATION INSTRUCTIONS.
  4. INNER SPRING (WHEN USED) NOT SHOWN.
  5. ALL SPRINGS ARE DESIGNED WITH 50% OVER TRAVEL.
  6. RATED DEFLECTIONS ARE WITHIN 25% OF NOMINAL. HIGHER DEFLECTIONS ARE ALLOWED IF THEY MEET SPECIFICATIONS.

**TYPE CE-1D CAST IRON SPRING-FLEX ISOLATORS WITH EXTERNAL ADJUSTMENT**

| MODEL                    | MAX LOAD (LBS) | DEFLECTION (IN) | SPRING RATE (LB/IN) | SPRING COLOR CODE |
|--------------------------|----------------|-----------------|---------------------|-------------------|
| CE-1D-85                 | 85             | 1.35            | 63                  | LT PURPLE         |
| CE-1D-120                | 120            | 1.20            | 100                 | DK YELLOW         |
| CE-1D-175                | 175            | 1.17            | 150                 | DK BLUE           |
| CE-1D-250                | 250            | 1.40            | 179                 | YELLOW            |
| CE-1D-340                | 340            | 1.13            | 300                 | RED               |
| CE-1D-510                | 510            | 1.02            | 500                 | BLACK             |
| CE-1D-675                | 675            | 1.32            | 513                 | DK PURPLE         |
| CE-1D-900                | 900            | 1.02            | 881                 | DK GREEN          |
| CE-1D-1200               | 1200           | 0.90            | 1327                | GRAY              |
| CE-1D-1360               | 1360           | 0.77            | 1758                | WHITE             |
| CE-1D-1785N <sup>1</sup> | 1785           | 0.88            | 2029                | GRAY/ RED         |

**NOTES:**

1. TWO NESTED SPRINGS YIELD THIS LOAD. THE COLOR CODE IS FOR OUTER SPRING/ INNER SPRING



**ISOLATOR SELECTIONS**

|                      |        |
|----------------------|--------|
| LOC 1:               | LOC 2: |
| LOC 3:               | LOC 4: |
| LOC 5:               | LOC 6: |
| LOC 7:               | LOC 8: |
| CUSTOMER EQP'T. TAG: |        |

NOTE: MATERIAL SHOWN IS FOR (1) SET.

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

**CERTIFIED FOR:**

JOB NAME: \_\_\_\_\_  
 CUSTOMER: \_\_\_\_\_  
 CUSTOMER P.O.: \_\_\_\_\_  
 SALES ORDER: \_\_\_\_\_

**MODEL CE-1D 85-1785 LBS.  
 HOUSED CAST IRON  
 SPRING-FLEX ISOLATORS WITH  
 SNUBBED EXTERNAL ADJUSTMENTS  
 1 INCH DEFLECTION**

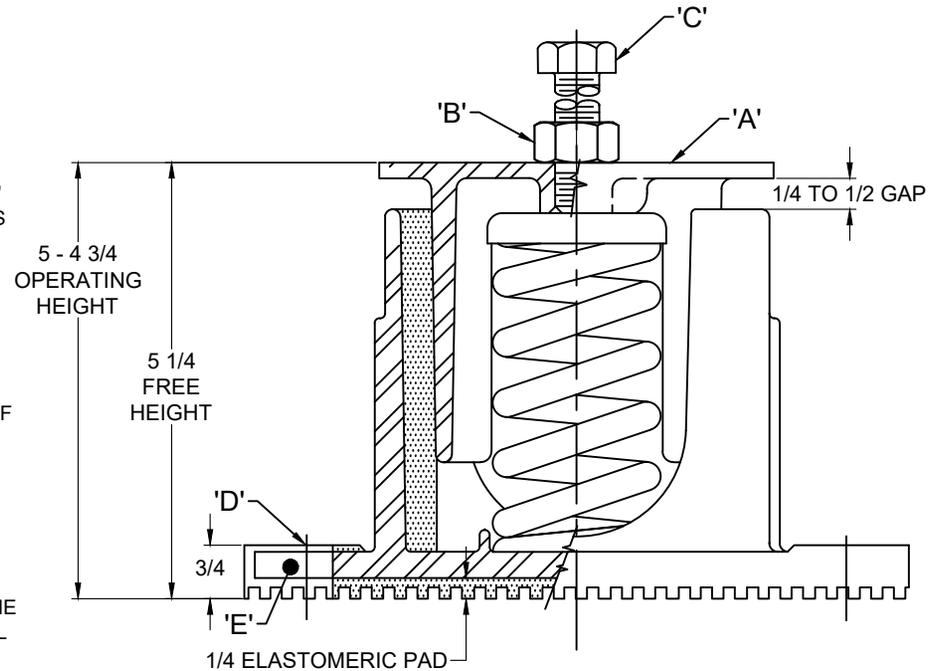


|              |        |          |
|--------------|--------|----------|
| SCALE:       | NONE   |          |
| SHEET:       | 1 OF 2 |          |
| DRAWING NO.: |        | REVISION |

| REV. | DESCRIPTION | DATE | BY |
|------|-------------|------|----|
|      |             |      |    |

**INSTALLATION INSTRUCTION**

- ISOLATORS ARE SHIPPED FULLY ASSEMBLED AND ARE TO BE SPACED AND ARRANGED IN ACCORDANCE WITH INSTALLATION DRAWINGS OR AS OTHERWISE RECOMMENDED.
- SET ISOLATORS ON FLOOR OR SUB-BASE, ENSURING THAT ALL ISOLATOR CENTERLINES MATCH THE EQUIPMENT ISOLATOR HOLES. SHIM OR GROUT AS REQUIRED LEVELING ALL ISOLATOR BASE PLATES "E" AT THE SAME ELEVATION (1/4" MAXIMUM DIFFERENCE IN ELEVATION CAN BE TOLERATED). ISOLATOR BASE PLATES MUST REST ON A FLAT SURFACE.
- UNLESS SPECIFIED, ISOLATORS NEED NOT BE FASTENED TO FLOOR IN ANY WAY. IF REQUIRED, BOLT ISOLATORS TO FLOOR THROUGH SLOTS "D". RECOMMENDED MAXIMUM TORQUING OF ISOLATOR BASE ANCHORS TO 5 FT-# AFTER EQUIPMENT IS INSTALLED.
- REMOVE ADJUSTING BOLT "C" WITH NUT "B" FROM TOP HOUSING "A". (DO NOT DISCARD.)
- PLACE MACHINE OR EQUIPMENT ONTO TOP PLATE "A" OF ISOLATOR. THE WEIGHT OF THE MACHINE WILL CAUSE THE UPPER HOUSING OF THE ISOLATOR TO GO DOWN, POSSIBLY RESTING ON THE LOWER HOUSING.
- ALIGN EQUIPMENT ISOLATORS HOLE TO TOP HOUSING TAPPED HOLE.
- TURN NUTS "B" UP ON LEVELING BOLTS SO THAT THEY WILL NOT INTERFERE WITH THE LEVELING PROCEDURE. INSERT BOLTS "C" THROUGH THE HOLES IN MACHINE BASE AND SCREW INTO THE TAPPED HOLE IN THE UPPER HOUSING OF THE ISOLATORS BY HAND AS FAR AS THEY WILL GO.
- ADJUST EACH ISOLATOR IN SEQUENCE; SCREW DOWN ONE COMPLETE TURN ON THE ADJUSTING BOLT OF EACH ISOLATORS. ADJUST UNTIL 1/4" GAP IS OBTAINED ON ALL ISOLATORS.
- TURN NUT ON ADJUSTING BOLT "C" DOWN AGAINST MACHINE LEG AND LOCK IN PLACE WITH WRENCH TO COMPLETE ADJUSTMENTS.
- INSTALLATION IS COMPLETE.



OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

**CERTIFIED FOR:**

JOB NAME: \_\_\_\_\_  
 CUSTOMER: \_\_\_\_\_  
 CUSTOMER P.O.: \_\_\_\_\_  
 SALES ORDER: \_\_\_\_\_

**MODEL CE-1D 85-1785 LBS.  
 HOUSED CAST IRON  
 SPRING-FLEX ISOLATORS WITH  
 SNUBBED EXTERNAL ADJUSTMENTS  
 1 INCH DEFLECTION**



SCALE: NONE  
 SHEET: 2 OF 2



DRAWING NO.: \_\_\_\_\_ REVISION \_\_\_\_\_