

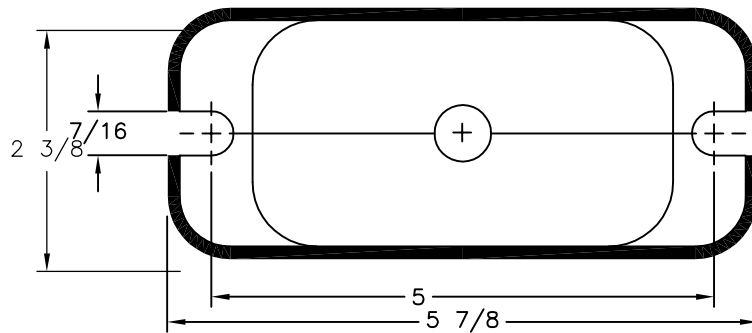
176R-101648 REV.: 6

REV.

DESCRIPTION

DATE

BY

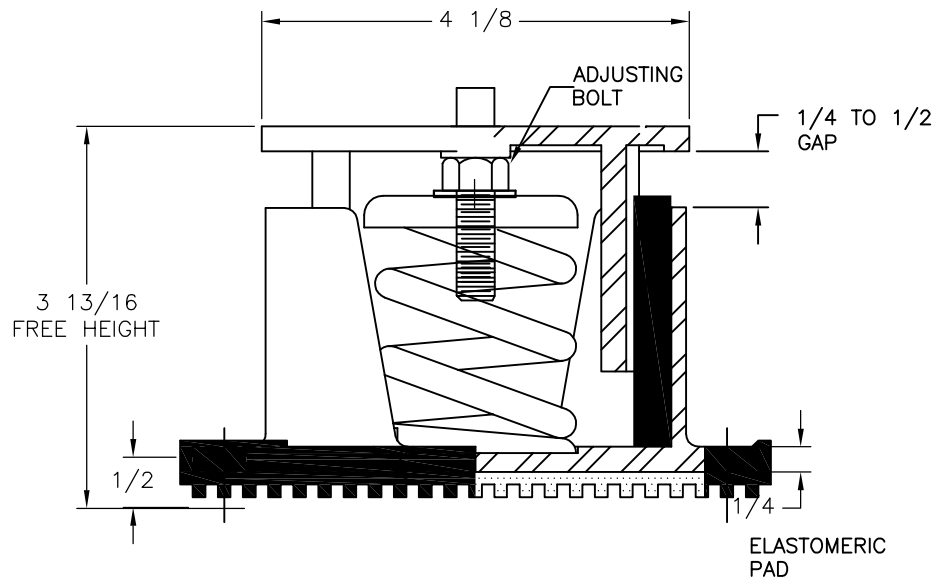


MODEL BP-1C SPRING-FLEX ISOLATOR WITH POSITIONING PIN

MODEL	MAX LOAD (LBS)	DEFLECTION (IN)	SPRING RATE (LB/IN)	SPRING COLOR CODE
BP-1C-50	50	1.00	50	BLUE
BP-1C-100	100	1.00	100	TAN
BP-1C-150	150	1.00	150	RED
BP-1C-250	250	0.83	300	BLACK
BP-1C-300	300	0.75	400	DK YELLOW
BP-1C-370	370	0.75	493	YELLOW
BP-1C-520N <sup>1</sup>	520	0.75	693	YELLOW/GREEN

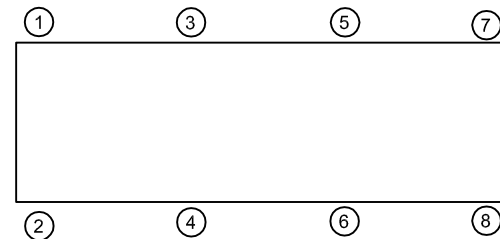
## NOTES:

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



## 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.
6. ALL SPRINGS ARE DESIGNED WITH 50% OVER TRAVEL.
7. RATED DEFLECTIONS ARE WITHIN 25% OF NOMINAL. HIGHER DEFLECTIONS ARE ALLOWED IF THEY MEET SPECIFICATIONS.



## 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 BP-1C 50-520 LBS. HOUSED CAST  
IRON SPRING-FLEX ISOLATOR SNUBBED  
WITH POSITIONING PIN  
1 INCH DEFLECTION



**THE VMC GROUP**  
*The Power of Together*  
Bloomington, NJ 07403  
Houston, TX 77041

SCALE:

NONE

SHEET:



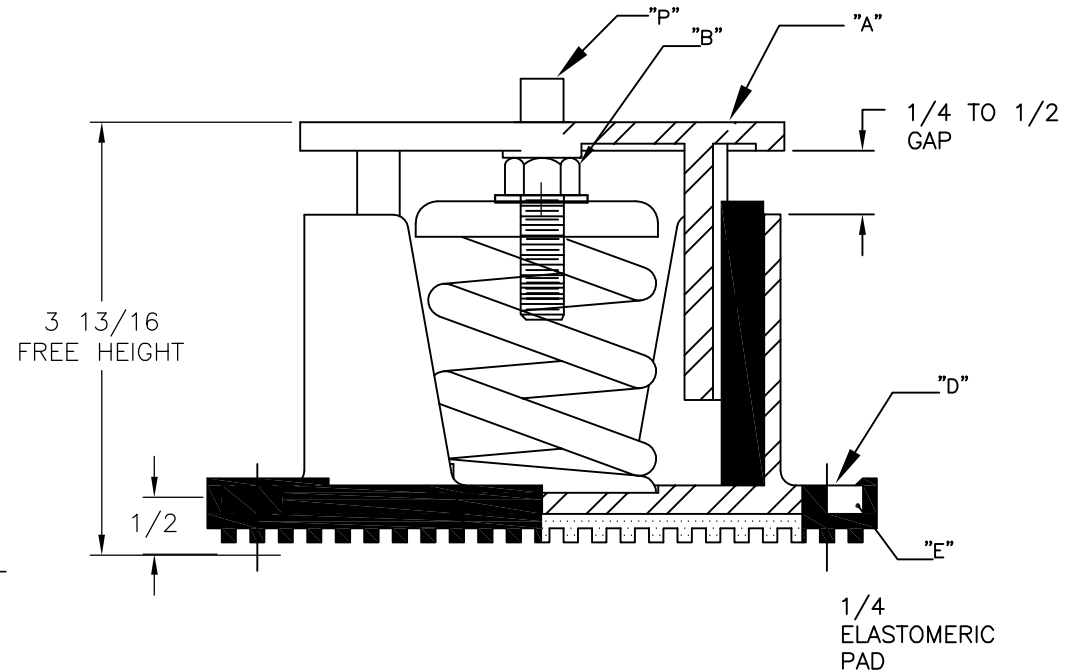
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REV.	DESCRIPTION	DATE	BY

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 MOUNTING 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, MOUNTINGS NEED NOT BE FASTENED TO FLOOR IN ANY WAY. IF REQUIRED, BOLT MOUNTINGS TO FLOOR THROUGH SLOTS "D". RECOMMENDED MAXIMUM TORQUING OF ISOLATOR BASE ANCHORS TO 5 FT-# AFTER EQUIPMENT IS INSTALLED.
- PLACE MACHINE OR EQUIPMENT ONTO TOP PLATE "A" OF ISOLATOR, ENSURING THAT THE PIN "P" IS INSERTED INTO THE EQUIPMENT MOUNTING HOLES. THE WEIGHT OF THE MACHINE WILL CAUSE THE UPPER HOUSING OF THE MOUNT TO GO DOWN, POSSIBLY RESTING ON THE LOWER HOUSING.
- ADJUST EACH ISOLATOR IN SEQUENCE; SCREW DOWN ONE COMPLETE TURN ON THE ADJUSTING BOLT (B) OF EACH MOUNTING. ADJUST UNTIL 1/4" GAP IS OBTAINED ON ALL MOUNTS.
- 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: \_\_\_\_\_

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IRON SPRING-FLEX ISOLATOR SNUBBED  
WITH POSITIONING PIN  
1 INCH DEFLECTION**



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SCALE :

NONE

SHEET:

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