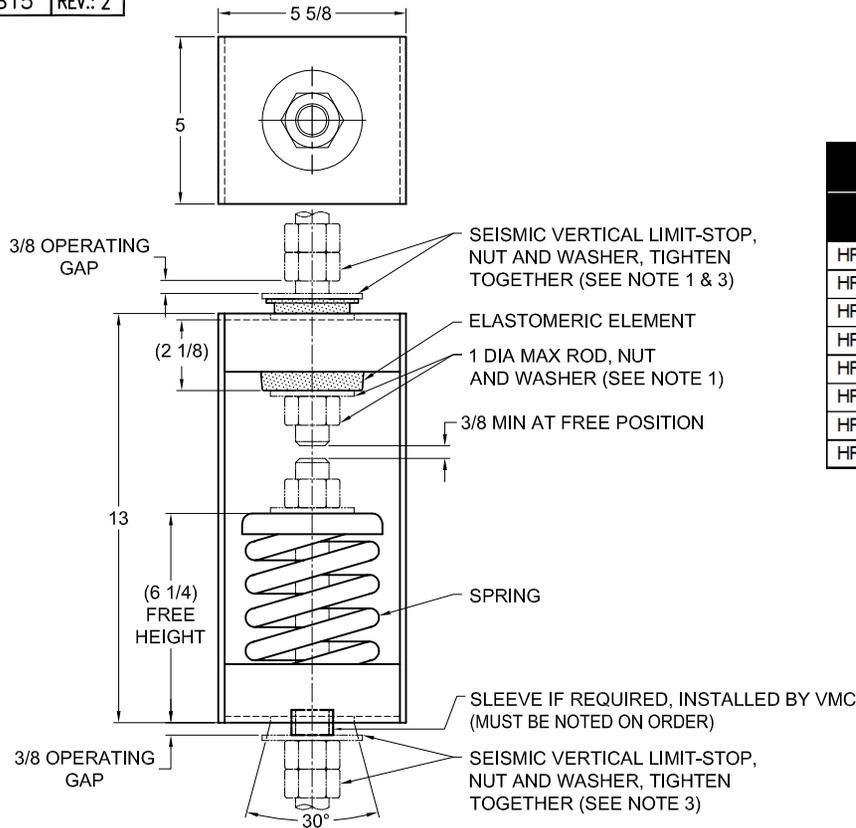


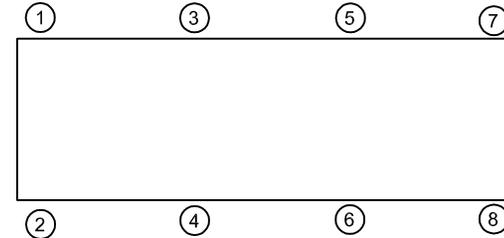
REV.	DESCRIPTION	DATE	BY



TYPE HRSA-2E PRE-COMPRESSED ELASTOMERIC & SPRING ANGULARITY HANGERS FOR 2" NOMINAL DEFLECTION					
HANGER	RATED LOAD (LBS)	DEFLECTION (IN)	SPRING RATE (LB/IN)	SPRING COLOR CODE	ELEMENT COLOR CODE
HRSA-2E-80PR	80	2.05	40	BLACK	RE-D-750 BLACK
HRSA-2E-150PR	150	2.10	75	GREEN	RE-D-750 BLACK
HRSA-2E-300PR	300	2.20	150	DK YELLOW	RE-D-750 BLACK
HRSA-2E-500PR	500	2.33	250	BLUE	RE-D-750 BLACK
HRSA-2E-1000PR	1000	2.37	500	TAN	RE-D-1350 RED
HRSA-2E-1400PR	1400	2.24	749	RED	RE-D-1900 GREEN
HRSA-2E-1800PR	1800	2.18	1053	DK GRAY	RE-D-1900 GREEN
HRSA-2E-2050PR	2050	1.98	1250	DK BLUE	RE-D-3050 GRAY

**NOTES:**

- HANGER RODS, NUTS AND WASHERS, AS SHOWN, NOT BY THE VMC GROUP. INSTALL WASHER .16 THK. MIN. X 3 O.D. MIN. WITH REQUIRED INSIDE DIAMETER TO ACCOMMODATE ROD SIZE IN USE. THIS CAN BE ACCOMPLISHED BY USING A SINGLE WASHER OR BY STACKING NOT MORE THAN TWO WASHERS.
- STANDARD FINISH: HANGER BOX - PAINTED, POWDER COATED OR GALVANIZED STEEL, SPRING - POWDER COAT.
- SEISMIC VERTICAL LIMIT-STOP HARDWARE REQUIRED FOR SEISMIC APPLICATIONS.
- ALL DIMENSIONS IN INCHES. INTERPRET PER ANSI Y14.
- ALL DIMENSIONS ARE FOR REFERENCE, DIMENSIONS SHOWN AS NOMINAL.
- ALL SPRINGS ARE DESIGNED WITH MINIMUM 50% OVER-TRAVEL.
- HANGER BOXES ARE AVAILABLE PRE-COMPRESSED UP TO THEIR DESIGNATED MAX. LOAD. PERCENTAGE OF PRE-COMPRESSION TO BE DETERMINED BY ENGINEERED APPLICATION OR AS REQUESTED BY CUSTOMER. CONSULT FACTORY FOR POSSIBLE ADDITIONAL PARAMETERS AND OR LIMITATIONS.
- HANGER BOXES WITH AN ELASTOMERIC ELEMENT HAVE UP TO AN ADDITIONAL 1/2" NOMINAL DEFLECTION
- DOUBLE LOWER NUT PROVIDED.
- ROD EXTENSION BELOW LOWER NUT EXTENDS (1.5XROD DIA.) AS SHIPPED.
- PRE-COMPRESSED 50% OF SPRING RATED DEFLECTION.
- 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 HRSA-2E 80-2050 LBS.  
 PRE-COMPRESSED  
 ELASTOMERIC AND SPRING ANGULARITY  
 HANGERS  
 2 INCH DEFLECTION**



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

SCALE :  
 NONE

SHEET:  
 1 OF 1

DRAWING NO.:



REVISION