**TYPE HRSA-3D PRE-COMPRESSED ELASTOMERIC & SPRING ANGULARITY HANGERS
FOR 3" NOMINAL DEFLECTION**

HANGER	RATED LOAD (LBS.)	DEFLECTION (IN)	SPRING RATE (LBS/IN)	SPRING COLOR CODE	ELEMENT COLOR CODE
HRSA-3D-800PR	800	3.00	267	DK. GRAY	RE-D-1350 BLACK
HRSA-3D-1225PR	1225	2.94	417	RED	RE-D-1350 BLACK

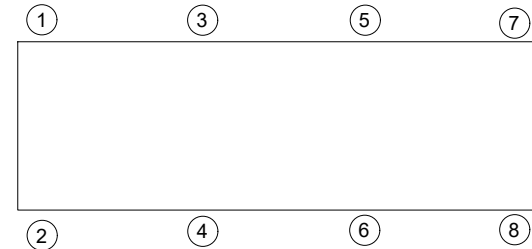
DOCUMENT SPECIFICATION ACKNOWLEDGMENT
SIGNATURE CERTIFIES DRAWING HAS BEEN REVIEWED AND
APPROVED AS ILLUSTRATED.

APPROVED BY: _____ DATE: _____

CUSTOMER ACKNOWLEDGMENTS

ANY REVISION, CHANGE, OR MODIFICATION MADE TO THIS
APPROVAL AFTER IT HAS BEEN SIGNED AND APPROVED
MAY AFFECT PRODUCT DELIVERY DATE AND/OR COST.

RECEIVED BY: _____ DATE: _____

**NOTES:**

- HANGER RODS, NUTS AND WASHERS, AS SHOWN, NOT BY THE VMC GROUP. INSTALL WASHER .16 THK. MIN. X 2-7/8 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 SUPPLIED BY VMC
- DIMENSIONS IN INCHES. INTERPRET PER ANSI Y14.
- DIMENSIONS ARE FOR REFERENCE, DIMENSIONS SHOWN AS NOMINAL.
- SPRINGS ARE DESIGNED WITH MINIMUM 50% OVER-TRAVEL.
- 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.
- 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 EQPT. 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-3D 800-2035 LBS.
PRE-COMPRESSED
ELASTOMERIC & SPRING ANGULARITY
HANGER
3 INCH DEFLECTION**



VMC GROUP
CONTROLLED ENVIRONMENT SOLUTIONS™

Bloomington, NJ Houston, TX Corona, CA Wind Gap, PA

SCALE:	SHEET:	DRAWING NO.:	REVISION
NONE	1 of 1		