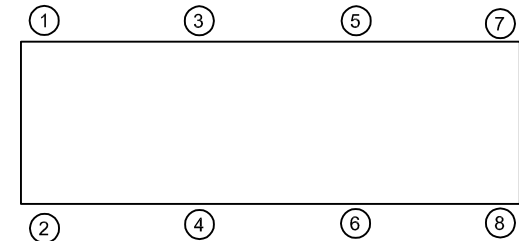
**NOTES:**

1. HANGER RODS, NUTS AND WASHERS, AS SHOWN, NOT BY THE VMC GROUP.
2. STANDARD FINISH: HANGER BOX - PAINTED, POWDER COATED OR GALVANIZED STEEL, SPRING - POWDER COAT.
3. SEISMIC VERTICAL LIMIT-STOP REQUIRED FOR SEISMIC APPLICATIONS. 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
4. ALL DIMENSIONS IN INCHES. INTERPRET PER ANSI Y14.
5. ALL DIMENSIONS ARE FOR REFERENCE, DIMENSIONS SHOWN AS NOMINAL.
6. ALL SPRINGS ARE DESIGNED WITH MINIMUM 50% OVER-TRAVEL.
7. 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.
8. RATED DEFLECTIONS ARE WITHIN 25% OF NOMINAL. HIGHER DEFLECTIONS ARE ALLOWED IF THEY MEET SPECIFICATIONS.

REV.	DESCRIPTION	DATE	BY

**TYPE HSA-2D SPRING ANGULARITY HANGERS
FOR 2" NOMINAL DEFLECTION**

HANGER	RATED LOAD (LBS)	DEFLECTION (IN)	SPRING RATE (LB/IN)	SPRING COLOR CODE
HSA-2D-75	75	2.42	31	WHITE
HSA-2D-160	160	2.29	70	YELLOW
HSA-2D-230	230	2.30	100	GREEN
HSA-2D-355	355	2.15	165	DK BROWN
HSA-2D-435	435	1.89	230	RED
HSA-2D-725	725	1.63	445	TAN
HSA-2D-845	845	1.58	535	PINK

**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 HSA-2D 75-845 LBS.
SPRING ANGULARITY HANGERS
2 INCH DEFLECTION**



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

SCALE :

NONE

SHEET:

1 OF 1

DRAWING NO.:

REVISION

