135R-104898 REV.: 1 1 10 3/8		REV.	DESCRIPTION				DATE	BY	
8	TYPE HRSA-4D ELASTOMERIC & SPRING ANGULARITY HANGERS FOR 4" NOMINAL DEFLECTION								
		MODEL	MAX LOAD (LBS)	DEFLECTION (IN)	SPRING RATE (LB/IN)	SPRING COLOR CODE	ELEMEI COLOI CODE	R	
3/8STANDARD	RTICAL LIMIT—STOP, NUTS AND WASHERS,)GETHER (SEE NOTE 1)	HRSA-4D-1765	1765	4.44	444	BLACK	RE-D-19 GREEI		
operating gap	ELASTOMERIC ELEMENT	HRSA-4D-2340	2340	3.90	666	DK BLUE	RE-D-30 GRAY		
	DIA MAX ROD, NUT ND WASHER (SEE NOTE 1)	HRSA-4D-4185	4185	4.27	1110	LT IVORY	RE-D-42 BLUE		
	5 MIN AT FREE POSITION								
	EVE IF REQUIRED BY OTHERS" VMC INSTALLED B.O.) > VERTICAL LIMIT-STOP,			<u>(</u>)	(;	3)	(5)		
OPERATING GAP									
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.			(2)		4)	6	(8)		
3. SEISMIC VERTICAL LIMIT-STOP HARDWARE REQUIRED FOR SEISMIC APPLICATIONS, NOT BY THE VMC GROUP. INSTALL WASHER .16 THK. MIN. X 2 O.D. MIN AND 1/4X6X6 WASHER PLATE. WITH REQ'D 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.			ISOLATOR SELECTIONS LOC 1: LOC 2:						
 ALL DIMENSIONS ARE FOR REFERENCE, DIMENSIONS SHOWN AS NOMINAL. ALL SPRINGS ARE DESIGNED WITH MINIMUM 50% OVER-TRAVEL. 			LOC 3: LOC 4: LOC 5: LOC 6:						
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.			NOTE: MATERIAL SHOWN IS FOR (1) SET.						
 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. 				OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.					
CERTIFIED FOR:					SCALE :				
JOB NAME: MODEL HRSA-4D 1765-4185 LBS.					NOI SHEET:	NE •.	M e m	ь., Сно	
		RITY			1 OF	1	15		
CUSTOMER P.O.:	HANGERS 4 INCH DEFLECTION			THE VMC		DRAWING NO .:			REVISION
SALES ORDER:				Bloomingdale, Houston, T					

PROPRIETARY: EXCEPT AS OTHERWISE AGREED IN WRITING, THE INFORMATION AND DESIGN DISCLOSED HEREIN ARE THE PROPERTY OF THE VMC GROUP AND MUST NOT BE COPIED OR DISTRIBUTED OUTSIDE THE VMC GROUP EXCEPT TO AUTHORIZED PERSONS WITH A GENUINE NEED TO KNOW WHO BY THE USE HEREOF ACKNOWLEDGE THE VMC GROUP'S OWNERSHIP AND AGREE TO MAINTAIN THIS INFORMATION AND DESIGN IN STRICT CONFIDENCE.