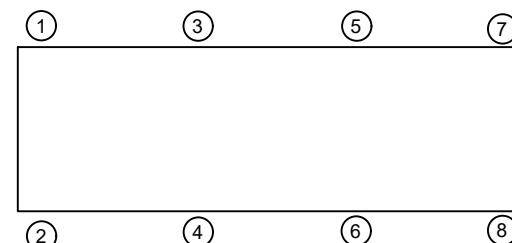

**MODEL MS-1C SEISMICALLY RESTRAINED VIBRATION ISOLATOR FOR 1" DEFLECTION**

SEISMIC MOUNT SIZE	RATED LOAD (LBS)	RATED DEFLECTION (IN)	SPRING RATE (LBS/IN)	COLOR CODE
MS-1C-50	50	1.00	50	BLUE
MS-1C-100	100	1.00	100	TAN
MS-1C-150	150	1.00	150	RED
MS-1C-250	250	0.83	300	BLACK
MS-1C-300	300	0.75	400	DK YELLOW
MS-1C-370	370	0.75	493	YELLOW
MS-1C-520N	520	0.75	693	YELLOW/ GREEN



## NOTES:

1. ALL DIMENSIONS ARE IN INCHES, INTERPRET PER ANSI Y14.
2. STANDARD FINISH: HOUSING - POWDER COAT (COLOR:BLACK), SPRING - POWDER COAT (COLOR: SEE TABLE), HARDWARE ZINC-ELECTROPLATE.
3. EQUIPMENT MUST BE BOLTED OR WELDED TO THE TOP PLATE TO MEET ALLOWABLE SEISMIC RATINGS.
4. ISOLATOR BASE PLATE MUST BE ANCHORED TO CONCRETE WITH (4) 3/8 DIA ANCHORS.
5. ALL SPRINGS ARE DESIGNED FOR 50% OVERLOAD CAPACITY.
6. REFER TO SHEET 2 OF 2 FOR INSTALLATION INSTRUCTIONS.
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 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 MS-1C 50-520 LBS.  
 VIBRATION ISOLATOR WITH  
 INTEGRAL SEISMIC RESTRAINT  
 AND INTERNAL ADJUSTMENT  
 1 INCH DEFLECTION



SCALE : NONE	Member VSCMA
SHEET : 1 OF 2	

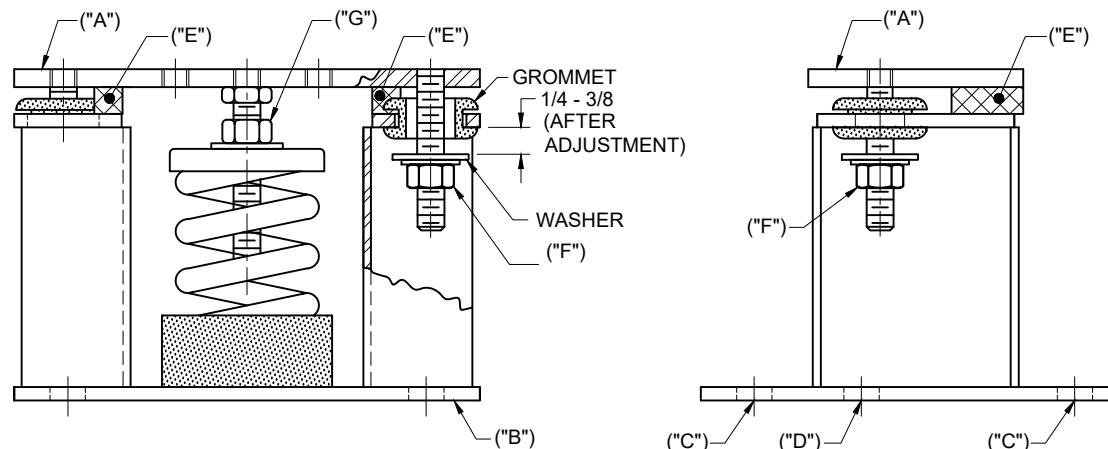
DRAWING NO.: \_\_\_\_\_

REVISION \_\_\_\_\_

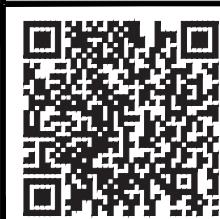
REV.	DESCRIPTION	DATE	BY

**1. READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING INSTALLATION.**

2. ISOLATORS ARE SHIPPED FULLY ASSEMBLED AND ARE TO BE POSITIONED IN ACCORDANCE WITH THE SUBMITTAL DRAWINGS OR AS OTHERWISE RECOMMENDED.
3. SET ISOLATORS ON FLOOR, HOUSEKEEPING PAD, OR SUB-BASE, ENSURING THAT ALL ISOLATOR CENTERLINES MATCH THE EQUIPMENT MOUNTING HOLES. THE VMC GROUP RECOMMENDS THAT THE ISOLATOR BASE PLATES ("B") BE INSTALLED ON A LEVEL SURFACE. SHIM OR GROUT AS REQUIRED, LEVELING ALL ISOLATOR BASE PLATES AT THE SAME ELEVATION (1/4-INCH MAXIMUM DIFFERENCE CAN BE TOLERATED).
4. ANCHOR ALL ISOLATORS TO THE FLOOR, HOUSEKEEPING PAD, OR SUB-BASE USING THRU HOLES ("C") FOR CONCRETE OR ("D") FOR STEEL AS REQUIRED. USE ANCHORS MEETING THE DESIGN REQUIREMENTS SPECIFIED ON SHEET 1 OF 2. WELDING TO STEEL IS PERMITTED PROVIDING THE WELD ACHIEVES THE REQUIRED STRENGTH.
5. ISOLATORS ARE SHIPPED TO THE JOBSITE WITH (2) REMOVABLE SPACER SHIMS ("E") BETWEEN THE TOP PLATE AND THE HOUSING. THESE SHIMS **MUST** BE IN PLACE WHEN THE EQUIPMENT IS POSITIONED OVER THE ISOLATORS.
6. WITH ALL SHIMS ("E") IN PLACE, PLACE THE MACHINE OR EQUIPMENT ONTO TOP PLATE ("A") OF THE ISOLATORS. BOLT EQUIPMENT SECURELY TO THE ISOLATORS USING MINIMUM ASTM A325 SAE GR. 5 HIGH-STRENGTH BOLTS, MEETING THE REQUIREMENTS (IF ANY) SPECIFIED ON SHEET 1 OF 2. WELDING IS PERMITTED PROVIDING THE WELD ACHIEVES THE REQUIRED STRENGTH.



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 MS-1C 50-520 LBS.  
VIBRATION ISOLATOR WITH  
INTEGRAL SEISMIC RESTRAINT  
AND INTERNAL ADJUSTMENT  
1 INCH DEFLECTION**



Bloomingdale, NJ 07403  
Houston, TX 77041

SCALE :  
**NONE**

SHEET:  
**2 OF 2**

DRAWING NO.: \_\_\_\_\_

