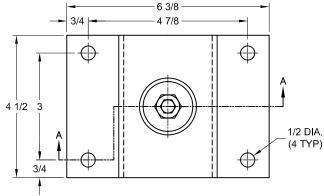
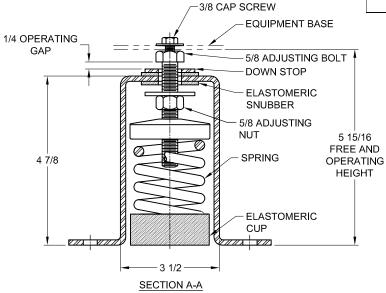
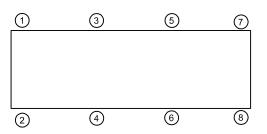
130R-101815 | REV.: 4 | | REV. | DESCRIPTION | DATE | BY



TYPE ASCM-1B SEISMIC ISOLATORS FOR NOMINAL 1" DEFLECTION						
MODEL	MAX LOAD	DEFLECTION	SPRING RATE	SPRING		
	(LBS)	(IN)	(LB/IN)	COLOR CODE		
ASCM-1B-20	20	1.25	16	DK BLUE		
ASCM-1B-35	35	1.17	30	BLACK		
ASCM-1B-50	50	1.11	45	RED		
ASCM-1B-70	70	0.88	80	DK GREEN		
ASCM-1B-85	85	0.81	105	GRAY		





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.

## NOTES:

- STANDARD ISOLATOR FINISH: HOUSING AND CASTING- ONE COAT BLACK PAINT, SPRING- POWDER COAT, HARDWARE- ZINC ELECTROPLATE.
- 2. STATIC LOAD RATINGS ON SHEET 2 OF 2 ARE FOR GUIDANCE ONLY.
- 3. 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:
JOB NAME:
CUSTOMER:
CUSTOMER P.O.:
SALES ORDER:

MODEL ASCM-1B 20-85 LBS. SEISMIC ISOLATORS 1 INCH DEFLECTION

THE	VMC	GRO	l Uf

NONE
SHEET:

Wemper

The Power of Together Bloomingdale, NJ 07403 Houston, TX 77041 DRAWING NO.: REVISION

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.

130R-101815 REV.: 4 REV. DESCRIPTION DATE BY

## INSTALLATION INSTRUCTION FOR VMC SERIES ASCM

- 1. ISOLATORS ARE SHIPPED FULLY ASSEMBLED AND ARE TO BE SPACED AND ARRANGED IN ACCORDANCE WITH INSTALLATION DRAWINGS OR AS OTHERWISE RECOMMENDED. MOUNT SHOULD BE ORIENTED WITH THE SPRING FACING OUTWARD FROM EQUIPMENT OR BASE.
- 2. TO FACILITATE INSTALLATION, PRIOR TO INSTALLING, THE VMC GROUP RECOMMENDS TURNING THE ADJUSTING BOLT SO THAT THE "OPERATING GAP" IS APPROXIMATELY 1" TO 1 1/2" FOR 1" DEFLECTION MOUNTS.
- 3. SET ISOLATORS ON SUB BASE. SHIM AND OR GROUT AS REQUIRED, LEVELING ALL ISOLATOR BASES AT THE SAME ELEVATION (1/4" MAXIMUM DIFFERENCE IN ELEVATION CAN BE TOLERATED). ISOLATOR BASE MUST REST ON A FLAT SURFACE.
- 4. ANCHOR ALL ISOLATORS TO FLOOR OR SUB BASE USING ISOLATOR BASE THRU HOLES AS REQUIRED. FOR INSTALLING ON CONCRETE THE VMC GROUP RECOMMENDS HILTI TYPE HSL HEAVY-DUTY ANCHORS OR EQUAL.
- 5. REMOVE CAP SCREW AND SAVE. GENTLY PLACE MACHINE OR MACHINE BASE ON TOP OF ADJUSTING BOLT. INSTALL CAP SCREW, BUT DO NOT TIGHTEN.
- 6. THE WEIGHT OF THE MACHINE WILL CAUSE THE SPRING AND THE ADJUSTMENT BOLT TO DESCEND.
- 7. ADJUST ALL ISOLATORS BY TURNING THE ADJUSTMENT BOLT AND NUT SO THAT THE OPERATING CLEARANCE AND GAP IS APPROXIMATELY 1/4".
- 8. FINE TUNE AND ADJUST TO LEVEL EQUIPMENT.
- 9. TIGHTEN CAP SCREW, INSTALLATION IS COMPLETE.

<sup>2600</sup> <del>I</del>
2400
2200
VERTICAL LOAD (POUNDS) TENSION OR COMPRESSION  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  10001  1000
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FIGURE 4

## FIGURE 1

RATED LOADS FOR ASCM-1B-20 THRU -1B-85

(SEE SHEET 1 FOR STATIC RATED LOADS)

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR

		TROTERTIES MAT	BE GOBSTITOTED AS THE	BEGOINE AVAILABLE.
CERTIFIED FOR:			SCALE: NONE	as a Main
JOB NAME:	MODEL ASCM-1B 20-85 LBS.		SHEET:	Wembe.
CUSTOMER:	SEISMIC ISOLATORS			,
CUSTOMER P.O.:	1 INCH DEFLECTION	THE VMC GROUP The Power of Together	DRAWING NO.:	REVISION
SALES ORDER:		Bloomingdale, NJ 07403 Houston, TX 77041		