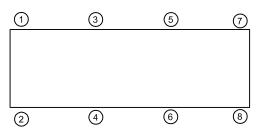


		LQUIFINILINI	DAGE
3/8 CAP SCR WASHER	REW &	5/8 ADJUSTI	NG BOLT
1/4 GAP	E		
-1			
1		DOWN-STOP	
		ELASTOMERIC SNUBBER	;
		5/8 ADJUSTING	3 NUT
5 7/8		SPRING	6 7/8 FREE AND OPERATING HEIGHT
		ELASTOMERIC CUP	;
	3 5/8 —		

### REV. DESCRIPTION DATE BY

#### TYPE ASCM-1Y SEISMIC ISOLATORS FOR NOMINAL 1" DEFLECTION DEFLECTION SPRING RATE SPRING RATED MODEL LOAD (LBS) (LB/IN) (IN) COLOR CODE ASCM-1Y-60 1.00 60 LT PURPLE 60 ASCM-1Y-125 125 1.30 96 DK BROWN 225 ORANGE ASCM-1Y-225 1 30 173 ASCM-1Y-325 325 1.20 270 DK GREEN ASCM-1Y-450 450 1.22 368 RED 600 ASCM-1Y-600 1.17 513 BLACK ASCM-1Y-750 750 1.06 707 WHITE ASCM-1Y-900 900 1.02 881 **GRAY** ASCM-1Y-1100 1100 0.92 1200 DK BLUE



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.

## HARDWARE- ZINC ELECTROPLATE. .

2. STATIC LOAD RATINGS ON SHEET 2 OF 2 ARE FOR GUIDANCE ONLY.

1. STANDARD ISOLATOR FINISH: CASTING AND HOUSING- ONE COAT BLACK PAINT, SPRING- POWDER COAT,

3. RATED DEFLECTIONS ARE WITHIN 25% OF NOMINAL, HIGHER DEFLECTIONS ARE ALLOWED IF THEY MEET

**SECTION A-A** 

SPECIFICATIONS.

**CERTIFIED FOR:** JOB NAME: CUSTOMER: CUSTOMER P.O.. SALES ORDER:

MODEL ASCM-1Y 60-1100 LBS. SEISMIC ISOLATORS 1 INCH DEFLECTION

THE	VMC	GROU

The Power of Together Bloomingdale, NJ 07403 Houston, TX 77041

NONE SHEET:

PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR

P 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.

### 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 ½" 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.
- 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.

2600 #	
2400	
2200	
0 8 2000 1	
1800	
0 1600 1600 1	
VERTICAL LOAD (POUNDS) TENSION OR COMPRESSION 1000 1000 1000 1000 1000 1000 1000 10	
50 d 1200	
1000 + 10	
> 800 E + 1	
600	
400	
200	
0 + + + + + + + + + + + + + + + + + + +	
HORIZONTAL LOAD (POUNDS)	

# <u>FIGURE 1</u> RATED LOADS FOR

ASCM-1Y-60 THRU -1Y-1100 (SEE SHEET 1 FOR STATIC RATED LOADS)

OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE,

PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE.						
CERTIFIED FOR:			SCALE: NONE			
JOB NAME:	MODEL ASCM-1Y 60-1100 LBS.		SHEET:	Wempe.		
CUSTOMER:	SEISMIC ISOLATORS					
CUSTOMER P.O.:	1 INCH DEFLECTION	THE VMC GROUP The Power of Together		REVISION		
SALES ORDER:		Bloomingdale, NJ 07403 Houston, TX 77041				