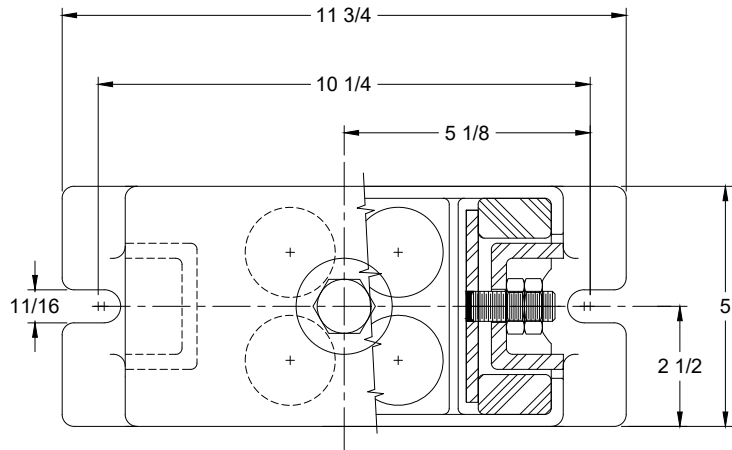
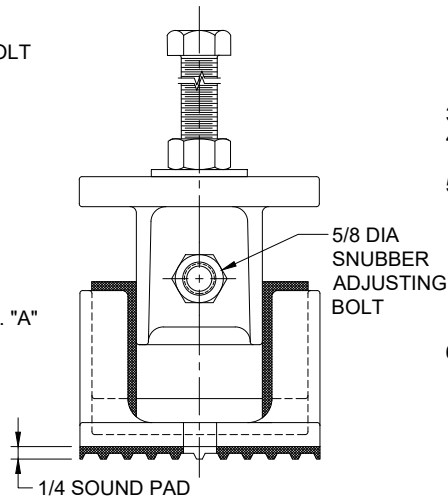
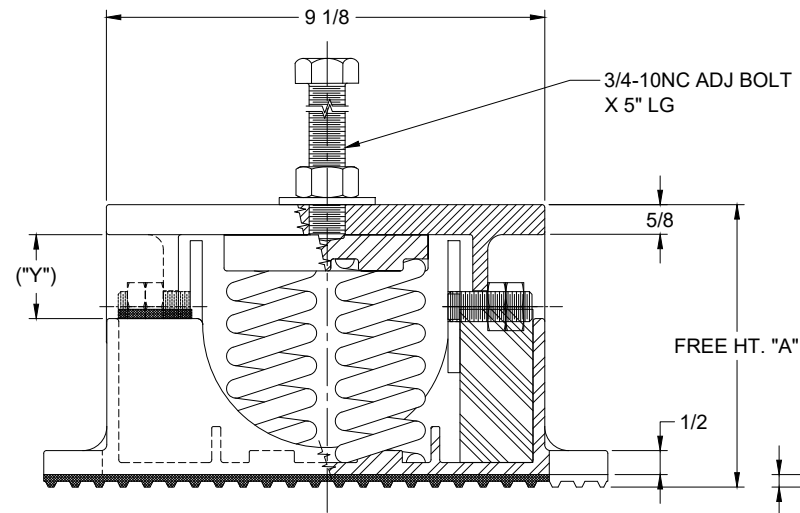


REV.	DESCRIPTION	DATE	BY



PART NUMBER	ISOLATOR MODEL	MAX. STEADY (LBS)	DEFLECTION (IN)	SPRING RATE (LBS/IN)	DIMENSION "Y"	MIN FREE HEIGHT "A"	COLOR CODE
603783-50	LKE-50	200	2	100	1 1/2	5 7/8	YELLOW
603783-51	LKE-51	500	2	250			ORANGE
603783-52	LKE-52	800	1.66	480			BROWN
603783-53	LKE-53	1200	1.58	760			BLACK
603783-54	LKE-54	2000	1.45	1380			GREEN
603783-55	LKE-55	2800	1.25	2240			BLUE
603783-56	LKE-56	4800	0.73	6600	11/32	4 23/32	PURPLE
603783-45	LKE-45	1300	0.74	1760			BROWN
603783-46	LKE-46	1800	0.56	3200	1/8	4 1/2	RED
603783-47	LKE-47	2400	0.49	4900			PURPLE
603783-57	LKE-57	4400	0.52	8520	1/2	4 7/8	BLUE
603783-68	LKE-68	5200	0.49	10,600			GREEN



NOTES:

- ALL DIMENSIONS ARE IN INCHES, INTERPRET PER ANSI Y14.
- STANDARD FINISH:
 - STEEL WELDMENTS: STANDARD VMC COLOR
 - SPRING: POWDER COATED
 - HARDWARE: ELECTRO-ZINC PLATED
 - CAST COMPONENTS: STANDARD VMC COLOR
 CONTACT VMC FOR ADDITIONAL AVAILABILITY.
- ESTIMATED UNIT WEIGHT: 25 LBS.
- RECOMMENDED MAXIMUM TORQUING OF ISOLATOR BASE ANCHORS TO 5FT-LBS. AFTER EQUIPMENT IS INSTALLED.
- USE OF BLOCKING IS REQUIRED ALONGSIDE EACH ISOLATOR, EQUAL TO ISOLATOR FREE HEIGHT SO AS TO TEMPORARILY TRANSFER THE EQUIPMENT LOAD ONTO BLOCKING UNTIL THE LOAD IS TRANSFERRED TO THE SPRING BY TURNING ADJUSTING BOLT CAUSING ISOLATOR TO LIFT EQUIPMENT ABOVE BLOCKING. REMOVE BLOCKING AFTER INSTALLATION IS COMPLETE.
- SNUG TIGHTEN SIDE SNUBBING BOLT.

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 LKE 200-5200 LBS.
SPRING ISOLATOR WITH
ADJUSTABLE SNUBBER



VMC GROUP
CONTROLLED ENVIRONMENT SOLUTIONS™

Bloomington, NJ Houston, TX Corona, CA Wind Gap, PA

SCALE :	SHEET:	DRAWING NO.:	REVISION
NONE	1 OF 2		

REV.	DESCRIPTION	DATE	BY

INSTALLATION INSTRUCTIONS FOR VMC SERIES LKE

- ISOLATORS ARE SHIPPED FULLY ASSEMBLED AND ARE TO BE SPACED AND ARRANGED IN ACCORDANCE WITH INSTALLATION DRAWINGS OR AS OTHERWISE RECOMMENDED.
- SET ISOLATORS ON FLOOR OR SUB-BASE, ENSURING THAT ALL ISOLATOR CENTERLINES MATCH THE EQUIPMENT MOUNTING HOLES. SHIM OR GROUT AS REQUIRED LEVELING ALL ISOLATOR BASE PLATES AT THE SAME ELEVATION (1/4" MAXIMUM DIFFERENCE IN ELEVATION CAN BE TOLERATED). ISOLATOR BASE PLATES MUST REST ON A FLAT SURFACE.
- ANCHOR OR BOLT DOWN MOUNT THROUGH SLOTS "L" & WASHER "M" (MAXIMUM TORQUING OF ISOLATOR BASE ANCHORS IS 5FT-LBS, AFTER EQUIPMENT IS INSTALLED).
- RELEASE BOLTS AND/OR NUTS "J" AND "K" UNTIL SNUBBER SIDE PLATES "F" ARE LOOSE AND NOT BINDING THE SNUBBER BLOCKS "H". REMOVE ADJUSTING BOLT "D" AND NUT "C" AND WASHER "C1".
- PLACE "MACHINE BASE" OR EQUIPMENT ONTO TOP PLATE "B" OF ISOLATOR. THE WEIGHT OF THE MACHINE WILL CAUSE THE UPPER HOUSING OF THE MOUNT TO GO DOWN. (USE OF BLOCKING IS REQUIRED ALONGSIDE EACH ISOLATOR TO TEMPORARILY SUPPORT THE EQUIPMENT. BLOCK HEIGHT SHALL BE EQUAL TO FREE HEIGHT OF ISOLATOR. BLOCKING SHALL BE CAPABLE OF SUPPORTING TWICE THE MAXIMUM ISOLATOR LOAD FROM SUBMITTAL DRAWING. BLOCKING TO BE REMOVED AFTER ISOLATORS ARE ADJUSTED.)
- INSERT ISOLATOR ADJUSTING BOLT "D" WITH NUT "C" & WASHER "C1" THROUGH BOLT HOLES IN THE MACHINE BASE OR FOUNDATION AND SCREW INTO ISOLATOR TOP PLATE "B" UNTIL CONTACT IS MADE WITH COMPRESSION PLATE "E" (NUT "C" SHOULD NOT MAKE CONTACT WITH "MACHINE BASE").
- THE INITIAL CLEARANCE "Y" MAY BE AS HIGH AS $1.5" \pm 0.25"$, DEPENDING UPON THE SPRING, SEE SHEET 1. RAISE THE TOP HOUSING BY TURNING BOLT "D" (NUT "C" SHOULD NOT MAKE CONTACT WITH "MACHINE BASE") ONE COMPLETE TURN MAKING A COMPLETE ROTATION ON ALL ISOLATORS. REPEAT THIS PROCEDURE UNTIL CLEARANCE IS AT LEAST 1/4" ON ALL ISOLATORS.
- IF MACHINE IS NOT LEVEL AFTER STEP #7 IS COMPLETED, TURN THE ADJUSTING BOLTS "D" OF THE ISOLATORS THAT ARE ON THE LOW SIDE END OF THE MACHINE IN EQUAL AMOUNTS (SUCH AS 1/2 OR 1 COMPLETE TURN) UNTIL IT IS LEVEL. OPERATING HEIGHT CAN BE INCREASED, IF DESIRED, BY REPEATING STEP #7 ON ALL OF THE ISOLATORS. DO NOT EXCEED THE FREE HEIGHT OF THE ISOLATOR. WHEN REQUIRED HEIGHT IS REACHED, RE-CHECK TO VERIFY THE MACHINE IS LEVEL.
- SNUG TIGHTEN NUT "C" ONTO "MACHINE BASE" TO COMPLETE SPRING ADJUSTMENT.

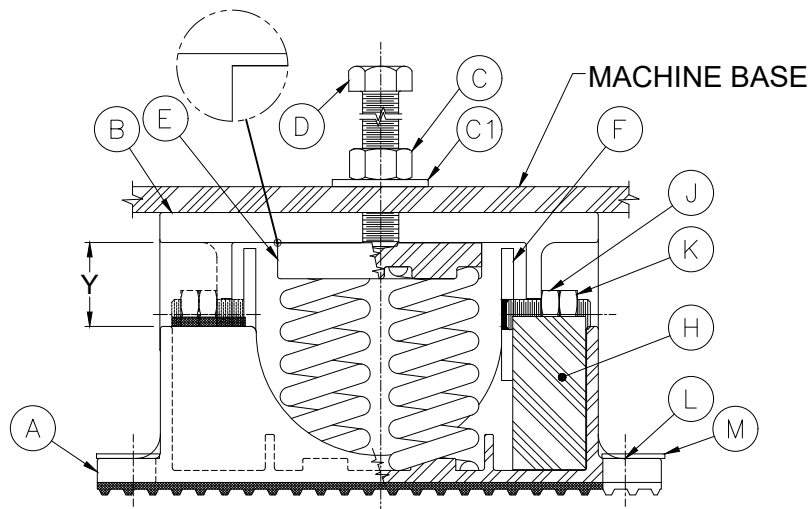
HORIZONTAL CHOCK ADJUSTMENT

NOTE: THE BEST ISOLATING EFFICIENCY WILL BE OBTAINED IF PLATES "F" ARE JUST TOUCHING SNUBBERS "H". SNUBBING SHOULD BE USED ONLY WHERE NECESSARY TO PREVENT EXCESSIVE MOVEMENT OF THE MACHINE DUE TO SEVERE DYNAMIC LOADS. OVER-SNUBBING WILL CAUSE VIBRATION TRANSMISSION.

- SNUG TIGHTEN NUT "J" AT EACH END OF ALL ISOLATORS UNTIL THEY ARE JUST WRENCH TIGHTEN. OPERATE MACHINE.
- IF MOVEMENT IS DEEMED EXCESSIVE, TIGHTEN NUT "J" ON EACH END 1/4 TURN AT A TIME ON ALL ISOLATORS UNTIL MOVEMENT IS REDUCED TO A MAXIMUM ACCEPTABLE LEVEL.
- SNUG TIGHTEN THE LOCKING NUTS "K" TO COMPLETE INSTALLATION.

GENERAL NOTES:

MOUNTS ARE FURNISHED WITH AN EXTERNAL ADJUSTMENT BOLT, NUT & WASHER FOR USE ON EQUIPMENT WITH CENTRALLY LOCATED ACCESSIBLE BOLT HOLES. ELASTOMERIC WASHER "M" ARE SHIPPED LOOSE



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



CERTIFIED FOR: CERT

JOB NAME: _____

CUSTOMER : _____

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SCALE :	SHEET:	DRAWING NO.:	REVISION
NONE	2 OF 2		