TYPE ME-2E SPRING ISOLATORS WITH INTERNAL ADJUSTMENT 8 5/8<u></u>≜ MAX LOAD DEFLECTION | SPRING RATE MODEL (LBS) (IN) (LB/IN) **COLOR CODE** ME-2E-80 80 2.00 40 BLACK ME-2E-150 150 2.00 75 **GREEN** ME-2E-300 300 2.00 150 **DK YELLOW** 500 2.00 ME-2E-500 250 BLUE 500 ME-2E-1000 1000 2.00 TAN 3 3/4 ME-2E-1400 1400 1.87 750 IRED TAN/RED 1600 2.13 750 ME-2E-1600N ME-2E-1800 1800 1.71 1050 DK GRAY ME-2E-2050 2050 1.64 1250 DK BLUE EQUIPMENT SUPPORT BEAM (BY OTHERS. 1/2 DIA EQUIPMENT STUD/ 2250 1.62 1388 DK BLUE/BLACK ME-2E-2250N1 LIMIT-STOP (NUT AND WASHER, NOT SHOWN IN OTHER VIEWS FOR CLARITY) REMOVABLE ADJUSTING BOLT IF REQ'D. BY OTHERS) 2460 1.64 1500 DK BLUE/RED ME-2E-2460N1 ADJUSTING NUT AND WASHER (NOT (NOT SHOWN IN OTHER VIEWS SHOWN IN OTHER VIEWS FOR CLARITY) FOR CLARITY) ME-2E-2700N1 2700 1.64 1646 DK BLUE/ DK GREEN NOTES: 1. TWO NESTED SPRINGS YIELD THIS LOAD. THE COLOR CODE IS FOR OUTER SPRING/ INNER SPRING 1 3/8 1 , 1 3/8 GAP STEEL SHIM (5) (REMOVE AFTER SPRING ADJUSTMENT) FLASTOMERIC (SHIM ON FAR SIDE NOT **SNUBBER** SHOWN FOR CLARITY) 8 7/8 FREE AND 5/8 DIA HOLE LIMIT-STOP BOLT **OPERATING** (2 TYP BELOW (2 TYP) HEIGHT LIMIT-STOP, FAR (LIMIT-STOP NOT SHOWN HOLE NOT SHOWN ON FAR SIDE OR IN PLAN FOR CLARITY)-VIEW FOR CLARITY) (6) (8) 1/4" RIBBED **ELASTOMERIC** 3/8 PAD ISOLATOR SELECTIONS LOC 2: LOC 1: 1 1/4 LOC 3: LOC 4: LOC 5: LOC 6: 1. ALL DIMENSIONS ARE IN INCHES, INTERPRET PER ANSI Y14. I OC 7: LOC 8: UNLESS OTHERWISE NOTED, DIMENSIONS FOR STYLE APPLY TO ALL OTHER STYLES. CUSTOMER EQP'T. TAG: FINISH: HOUSINGS- POWDER COAT. SPRINGS- POWDER COAT. HARDWARE- ZINC ELECTROPLATE. REFER TO SHEET 2 OF 2 FOR INSTALLATION INSTRUCTIONS. NOTE: MATERIAL SHOWN IS FOR (1) SET. INNER SPRING (WHEN USED) NOT SHOWN. ALL SPRINGS ARE DESIGNED WITH 50% OVER TRAVEL. SPRING PACKAGE MAY BE REMOVED WITH SHIMS IN PLACE. CONTACT A FACTORY REPRESENTATIVE FOR SPRING REMOVAL INSTRUCTIONS. DIMENSIONS APPLY TO BOTH TOP BOLT DOWN AND BASE PLATE ANCHORING HOLE OTHER MATERIALS, COMPOUNDS, OR FINISHES WITH EQUAL OR SUPERIOR 9. RATED DEFLECTIONS ARE WITHIN 25% OF NOMINAL. HIGHER DEFLECTIONS ARE ALLOWED IF THEY MEET SPECIFICATIONS. PROPERTIES MAY BE SUBSTITUTED AS THEY BECOME AVAILABLE **CERTIFIED FOR:** NONE MODEL ME-2E 80-2700 LBS. JOB NAME: SHEET: SPRING ISOLATORS WITH CUSTOMER: INTERNAL ADJUSTMENT THE VMC GROUP REVISION CUSTOMER P.O.: 2 INCH DEFLECTION The Power of Together Bloomingdale, NJ 07403 SALES ORDER: Houston, TX 77041

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REV.

DESCRIPTION

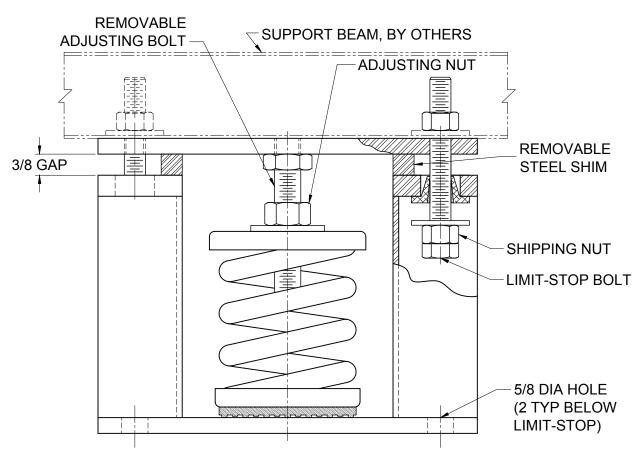
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## READ INSTRUCTIONS IN THEIR ENTIRETY BEFORE BEGINNING.

- 1. LOCATE ISOLATORS UNDER EQUIPMENT AFTER DETERMINING POSITIONS DESIGNATED IN THE VMC GROUP SUBMITTAL. SHEET 1.
- 2. ALL LIMIT BOLTS ARE FACTORY SET AND BONDED IN PLACE. THE SHIPPING NUT ON THE LIMIT BOLT MUST BE LOWERED UNTIL IT TOUCHES THE BOLT HEAD. THE NUT WAS SHIPPED IN THE RAISED POSITION. DO NOT ATTEMPT TO READJUST THE LIMIT BOLTS. FACTORY SETTING ASSURES UNIFORM BOLT LOADING IF UPLIFT OCCURS, AS IN THE CASE OF A COOLING TOWER BEING DRAINED.
- 3. THE VMC GROUP RECOMMENDS BOLTING ALL ISOLATORS TO A FLAT SURFACE. WHEN A WEIGHT CHANGE OCCURS IN EXCESS OF 20% OF EQUIPMENT OPERATING WEIGHT. THE ISOLATOR BASE PLATE MUST BE BOLTED. STYLE "A" TOP PLATE MUST BE USED WITH A WIDE FLANGE BEAM BOLTED TO TOP PLATE AS SHOWN ON SUBMITTAL DRAWING.
- 4. WHEN THE APPLICATION IS OUTDOORS AND THE EQUIPMENT WILL BE SUBJECT TO HIGH WINDS. THE OWNER'S REPRESENTATIVE MUST EVALUATE ANCHOR TYPE AND SIZE TO EFFECTIVELY RESIST WIND FORCES. TYPE ME ISOLATORS ARE NOT SUITABLE FOR SEISMIC APPLICATIONS. USE VMC GROUP TYPE MS ISOLATORS TO ISOLATE EQUIPMENT THAT WILL BE SUBJECT TO SEISMIC FORCES.
- 5. ISOLATORS ARE SHIPPED TO THE JOB SITE WITH SHIMS BETWEEN THE TOP PLATE AND HOUSING. THESE SHIMS MUST BE IN PLACE WHEN ISOLATOR IS POSITIONED UNDER EQUIPMENT.
- 6. THE ADJUSTMENT PROCESS CAN ONLY BEGIN AFTER FULL OPERATING WEIGHT IS REACHED. THE ADJUSTMENTS CAN BE MADE BY STARTING AT ANY ISOLATOR AND TURNING THE ADJUSTING NUT CLOCKWISE TWO TURNS. PROCEED AROUND THE EQUIPMENT TO EACH ISOLATOR ADJUSTING EACH TWO TURNS TO COMPRESS THE SPRINGS UNIFORMLY. CONTINUE THIS ADJUSTING PROCESS UNTIL ONE ISOLATOR JUST RISES OFF THE SHIMS. STOP ADJUSTMENT ON THAT AND OTHER ISOLATORS AS THEY RISE OFF SHIMS APPROXIMATELY 1/32" WHEN ALL ISOLATORS HAVE RISEN ABOVE THE SHIMS, THE ADJUSTMENT PROCESS IS COMPLETE. REMOVE ALL SHIMS.
- 7. FURTHER ATTENTION TO THE INSTALLATION IS NOT NORMALLY REQUIRED. THE VMC GROUP SUGGESTS A SEMIANNUAL INSPECTION OF THE COMPONENTS FOR POSSIBLE CORROSION PROBLEMS. IF PROBLEMS ARE OBSERVED. CONSULT THE VMC GROUP OR CORROSION CONTROL EXPERTS TO RECTIFY THE PROBLEM.
- 8. IF THE SPRING PACKAGE MUST BE REMOVED, CONTACT A FACTORY REPRESENTATIVE FOR SPRING REMOVAL INSTRUCTIONS.



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

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JOB NAME: CUSTOMER:

CUSTOMER P.O.:

SALES ORDER:

MODEL ME-2E 80-2700 LBS. SPRING ISOLATORS WITH INTERNAL ADJUSTMENT 2 INCH DEFLECTION



NONE SHEET:



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

REVISION