



MASON INDUSTRIES, Inc.

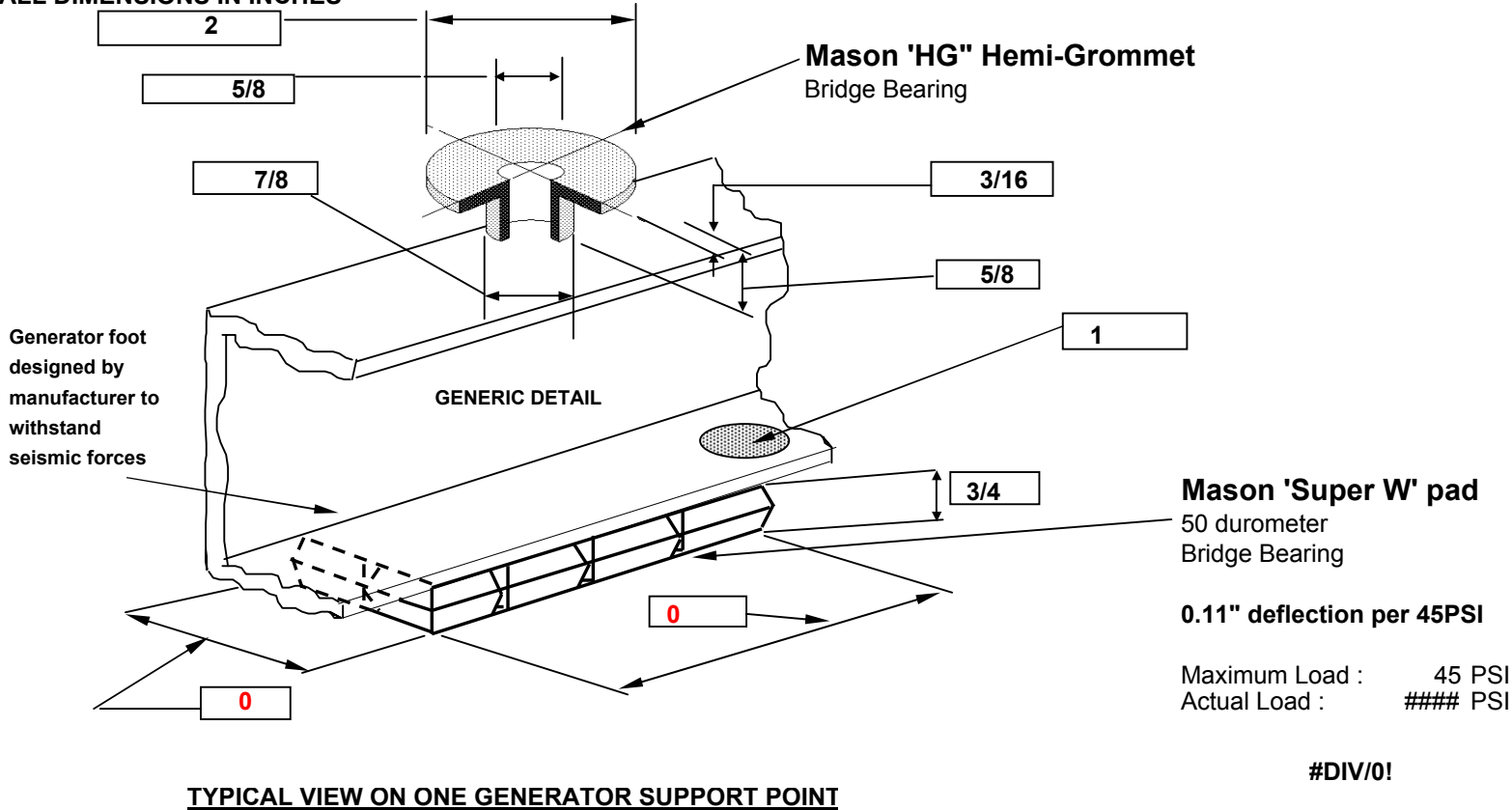
Manufacturers of Vibration Control Products
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CERTIFIED FOR

Job Name: 0
 Customer: 0
 P.O.#: TBA
 Dwg #.: 0 /1

Type
**Super
 W**
 WAFFLE
 PADS

ALL DIMENSIONS IN INCHES



Maximum Load : 45 PSI
 Actual Load : ##### PSI

#DIV/0!

Quantity	Description	Size	
		Wide x	Long
0	Mason Super W Pads 50 durometer - Bridge Bearing	0	0
		inches	
0	Mason Hemi-Grommets Bridge Bearing	Type HG-63	Dia 5/8

See Installation Instructions for site specific installation procedure

TECHNICAL INFORMATION

TAG: Emergency Generator Set
WEIGHT: 0 LBS
Frequency: 30 Hz

Actual Static deflection = #DIV/0! inches
 Dynamic Modulus = 1.51
 Corrected Static Deflection = #DIV/0! inches
 Natural Frequency of isolation system = #DIV/0! Hz

Vibration isolation
 efficiency @ above frequency = #DIV/0! %

Anchor Bolt Selection

Quantity : 0
 Type : Hilti HVA anchors (HVU Resin)
 Diameter (inch) : 5/8
 Embedment (inch) : 5
 Min. concrete edge distance (inch) : 7 1/2
 Min. concrete thickness (inch) : 7 1/8
 Min. bolt centres (inch) : 10

Rods: min.(ASTM F568, Class 5.8)
 Minimum 3000 psi concrete

Note: Seismic certification VOID if anchors are substituted

B.C.Certification for emergency generator set seismic anchorage ONLY.



Prepared By VIBRA-SONIC CONTROL Ltd
 C. WOLFE 00-Jan-00

Installation Instructions

Mason 'Super W' pad and Hemi-Grommets

Procedure

- 1 Locate the **SUPER W** pads under the Generator rails as shown in supplier drawings, inset on right and on preceding 'Super W' Page.

It is essential that:

i). The generator rail width is the same dimension or greater than the **SUPER W** pad, so that the load is evenly distributed over the pads entire surface.

Minimum **0" x 0"**

ii). There are anchor attachment holes in the equipment frame, sized to suit the specified Mason Hemi-Grommets. Hole size = **1.00" Dia.**

- 2 Position generator then lift and place **1 SuperW pad** under longitudinal rails; 1 inboard of the bolt hole at each of the 4 corners. Place remaining 4 pieces of **2 x 12 SuperW pad** mid-way between center anchor hole and adjacent holes either side.

- 3 Drill holes in concrete at **the 10 anchor locations**. Follow **manufacturer's Installation Instructions precisely** (SUBSTITUTION OF ANCHOR BOLTS FROM THOSE SPECIFIED ON ISOLATION SHOP DRAWINGS WILL VOID SEISMIC CERTIFICATION).

- * **Anchor bolts must be accurately installed to ensure that they will maintain design clearances.**
- * **Remove any excess epoxy grout from around anchors.**

- 4 Check that the equipment is level, making adjustments where necessary with shim plates. Shim plates must be same dimensions as the Super W pad.

- * **Remove any objects, grout or debris between underside of generator support rails and structure to ensure that bridging does not compromise the isolation.**

- 5 When the equipment is plumb and level, slide the hemi-grommets down the anchors so that the grommet's spigot fits concentrically within equipment mounting holes. **The anchor bolts MUST NOT TOUCH the equipment support rails.**

- 6 **CRITICAL ANCHOR BOLT SETUP TO MEET SEISMIC CRITERIA:**

- * **Install large diameter steel washer (equal to or slightly smaller than hemi-grommet washer O.D.) and nut in place.**
- * **Hand tighten the nut, THEN back off one full revolution. Apply second nut to lock first in place.**
- * **Rotate the hemi-grommet to confirm that the grommet's spigot is not being pinched between the anchor bolt and the inside of the hole in the equipment support rails.**

