VIBRO-\COUSTICS® A Swegon Group company

VISCMA

holes for maximum

pipe diameter of 4'

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SPSA-4 (Adjustable Height) **Installation Instructions**

SPSA-4

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Fig. 2 Fig. 1 iam nut two u-bolts (by others) for support plate hex nut (by others) flat washer (by others) pipe centerline adjust height support plate snug tight, pipe support then turn 5/6 u-bolt (by others) of a turn to stand body secure 0 \Diamond Fig. 3 9/16" wide slotted 1/2" wide slotted

INSTRUCTIONS

Method for Adjusting Height for Pipe Stand

- 1. Loosen factory supplied U-Bolts that are attached to support plate.
- 2. If installing pipe boots, slide the plate off the stand without removing the U-bolts. Then slide in the pipe boot for 2" sch. 40 piping.
- 3. Adjust the support plate height to desired level, Fig. 1.
- 4. When the desired height is reached, fix the support plate to the stand body by tightening the nuts on the support plate mounting U-Bolts. Turn these nuts 5/6 of a turn after they are snug tight, Fig. 1.
- 5. Pipe support U-Bolt size depends on the diameter of the pipe on site. Attach piping to support plate with a U-Bolt (by others) using proper slots on either side, Fig. 2 and Fig. 3.
- 6. Tighten the hex nuts snug tight, and then apply an additional 5/6 of a turn for proper torquing.
- 7. Tighten the jam nuts until snug tight, then apply an additional 5/6 of a turn for proper torquing.

Pipe Size	Minimum U-bolt and Thread (by others)
3/4"Ø and 1"Ø	1/4"-20
1-1/4"Ø to 2"Ø	3/8"-16
2-1/2"Ø to 4"Ø	1/2"-13

Method for Attachment to Structure

- 1. Ensure the mounting surface is flat and adequate to provide anchorage for the specific seismic or wind design forces. If mounted to a housekeeping pad, ensure pad is thick enough to accommodate anchor bolts and sufficiently doweled in or connected to the structural slab to transfer the seismic loads to the structure.
- 2. Locate seismic pipe stands according to the restraint layout provided.
- 3. When attached to concrete structure, use seismically rated anchors. Please refer to the calculation provided for the details.
- 4. When attached to steel structure, use a minimum of A307 steel (Grade 2) bolts. Please refer to the calculation provided for the details.

Steel Decking Mounting Details

(by others)

holes for maximum

pipe diameter of

2-1/2"

ribbed plug and rubber cap factory installed support plate c/w galvanized U-bolts seismic pipe stand body roof membrane or pipe boot (by others) insulation roof metal deck backing angle 2"×2"×1/8", 14" long (2 pieces under each leg)

Concrete Structure Attachment Details

