

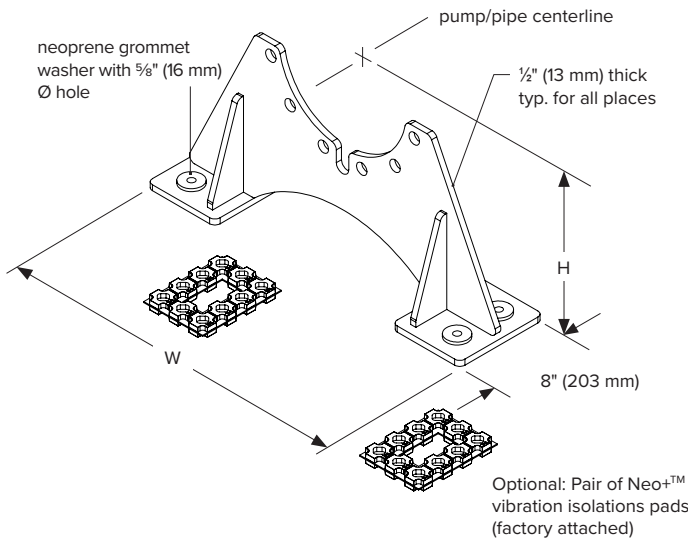
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SIPS Seismic Inline Pump Stands  
STANDARD

SIPS  
10/12/14/16

File No.: DS-SIPS2-001 Date: 9 Jan 2018  
Supersedes: New Date: New

SIPS-10/12/14/16

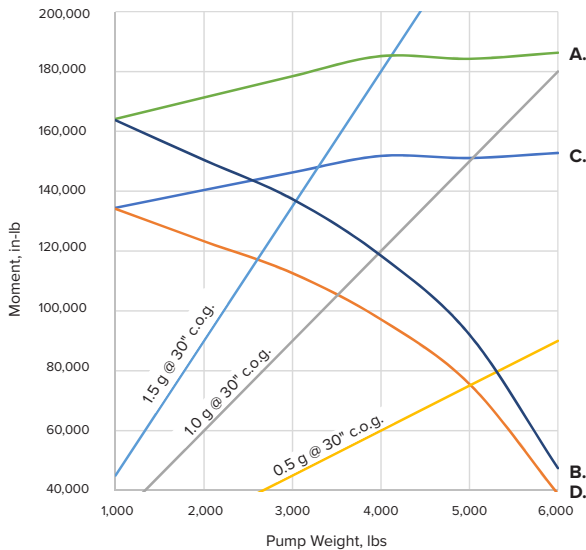


DIMENSIONS

Model	Nominal Pipe Size in mm	ANSI Class Flange	Width (W) in mm	Pump/Pipe Centerline Height (H)* in mm	Stand Weight
					lb kg
SIPS-10-125	10 250	125	30.0 762	15.0 381	54 24
SIPS-10-250		250			56 25
SIPS-12-125	12 300	125			54 24
SIPS-12-250		250			56 25
SIPS-14-125	14 350	125	36.0 914	20.0 508	60 27
SIPS-14-250		250			62 28
SIPS-16-125	16 400	125			77 35
SIPS-16-250		250			80 36

\*Height increases by approx. 0.8" with isolation pads

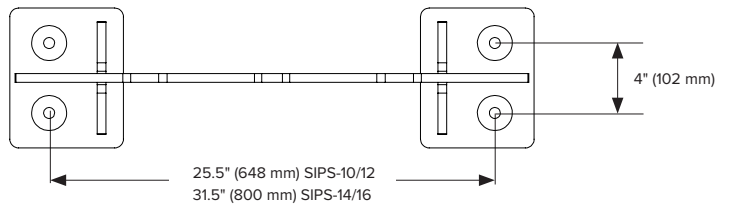
CAPACITY CHART



- A 36" wide rigid
- B 36" wide w/pads
- C 30" wide rigid
- D 30" wide w/pads

Graph based on Hilti KB-TZ CS 5/8" anchors at 4" embedment in 3000 psi cracked concrete per ACI 318-14 using an overstrength factor of 2 and load combinations per ASCE 7-16, with no reductions for edge distance or slab thickness.

ANCHOR LOCATIONS



PERFORMANCE @1g

Model	Max Pump/Pipe Weight Rigidly Supported	Max Pump/Pipe Weight with Neo+ Pads
	lb kg	lb kg
SIPS-10/12	5035 2284	3511 1593
SIPS-14	6232 2827	3970 1801
SIPS-16	5257 2385	3613 1639

\*See notes under graph for capacity conditions

NOTES

- Pump stands are designed for minimum 1g lateral seismic load for most matching inline pumps. An analysis must be performed to ensure adequacy for project-specific conditions
- Stands are fabricated with high strength low alloy steel
- Bolt holes located to match ANSI Class 125 or ANSI Class 250 cast iron flange dimensions
- Pump stands are painted for corrosion protection
- Hot dipped galvanizing available on request
- Cutouts are sized to accommodate standard slip-on flanges
- Pump stands must be installed in pairs on inline pumps. See installation instructions for further information
- Contractor-supplied flange bolts must be long enough to accommodate pump and pipe flanges and SIPS vertical plate thickness
- Other sizes, configurations and heights available. Contact Vibro-Acoustics.

OPTION <input type="checkbox"/> VIBRATION ISOLATION PADS					
Project:		plan view of stand locations 		Model SIPS-	
Customer:					
Consultant:					
Dwg No.:	Rev:				Drawn by:
V-A Project Manager:					
TAG:		EQUIPMENT:			
COMMENTS:				DATE:	