

# VGMY.EX15530 - SWAY-BRACE DEVICES, RIGID TYPE FOR SPRINKLER SYSTEMS

## Sway-brace Devices, Rigid Type for Sprinkler Systems

See General Information for Sway-brace Devices, Rigid Type for Sprinkler Systems

### P H D MFG INC

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EX15530

### Sway Brace Fittings

Model	Sprinkler Pipe Size to be Braced, NPS	Load Rating, lbf (kgf)
<b>Schedule 40 Sprinkler Pipe</b>		
010, Lateral (1 in. and 1-1/4 in. Bracing Pipe)	1-1/4, 1-1/2, 2, 2-1/2, 3,4	1000 (454)
010, Lateral (1-1/4 in. Bracing Pipe)	6	1600 (726)
031, Longitudinal (1 in. through 2 in. bracing pipe)	3-1/2	2015 (914)
031, Lateral (1 in. through 2 in. bracing pipe)	3-1/2	2015 (914)
031, Longitudinal (12 gauge strut)	3-1/2	2015 (914)
031, Lateral (12 gauge strut)	3-1/2	2015 (914)
031, Longitudinal (1/4 in. flat bar)	3-1/2	2015 (914)
031, Lateral (1/4 in. flat bar)	3-1/2	2015 (914)
031, Longitudinal (1/4 in. angle iron)	3-1/2	2015 (914)
031, Lateral (1/4 in. angle iron)	3-1/2	2015 (914)

031, Longitudinal (3/8 in. steel bar)	3-1/2	2015 (914)
031, Lateral (3/8 in. steel bar)	3-1/2	2015 (914)
040 (to be used in conjunction with Figure 030), Longitudinal (1 in. through 2 in. bracing pipe)	3-1/2	1000 (454)
040 (to be used in conjunction with Figure 030) Lateral Restraint (1 in. through 2 in. bracing pipe)	3-1/2	1000 (454)
<b>Schedule 10, 40 Sprinkler Pipe</b>		
015, Lateral Sway Brace Fitting (1 in. and 1-1/4 in. Bracing Pipe)	2-1/2,3,4	1000 (454)
015, Lateral Sway Brace Fitting (1 in. and 1-1/4 in. Bracing Pipe)	6	1600 (726)
031, Longitudinal (1 in. through 2 in. bracing pipe)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Lateral (1 in. through 2 in. bracing pipe)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Longitudinal (12 gauge strut)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Lateral (12 gauge strut)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Longitudinal (1/4 in. flat bar)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Lateral (1/4 in. flat bar)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Longitudinal (1/4 in. angle iron)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Lateral (1/4 in. angle iron)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Longitudinal (3/8 in. steel bar)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
031, Lateral (3/8 in. steel bar)	2, 2-1/2, 3, 4, 5, 6, 8	2015 (914)
040 (to be used in conjunction with Figure 030), Longitudinal (1 in. through 2 in. bracing pipe)	2, 2-1/2, 3, 4	1000 (454)
040 (to be used in conjunction with Figure 030), Longitudinal (1 in. through 2 in. bracing pipe)	5, 6	1600 (726)
040 (to be used in conjunction with Figure 030), Longitudinal (1 in. through 2 in. bracing pipe)	8	2015 (914)

040 (to be used in conjunction with Figure 030) Lateral Restraint (1 in. through 2 in. bracing pipe)	2, 2-1/2, 3, 4	1000 (454)
040 (to be used in conjunction with Figure 030) Lateral Restraint (1 in. through 2 in. bracing pipe)	5, 6	1600 (726)
040 (to be used in conjunction with Figure 030) Lateral Restraint (1 in. through 2 in. bracing pipe)	8	2015 (914)

NPS = Nominal Pipe Size

## Structure Attachment Fittings

Model	Sprinkler Pipe Size to be Braced, NPS	Load Rating, lbf (kgf)
030, 1 in. through 2 in. bracing pipe, direction of load parallel to building structure	Up to 8	2015 (914)
030, 1 in. through 2 in. bracing pipe, direction of load perpendicular to building structure	Up to 8	2015 (914)
030, 12 gauge strut, direction of load parallel to building structure	Up to 8	2015 (914)
030, 12 gauge strut, direction of load perpendicular to building structure	Up to 8	2015 (914)
030, 1/4 in. and 3/8 in. steel, direction of load parallel to building structure	Up to 8	2015 (914)
030, 1/4 in. and 3/8 in. steel, direction of load perpendicular to building structure	Up to 8	2015 (914)
045, attached to a steel structural member of 3/8 in. minimum and 1 1/4 in. maximum thickness; direction of load parallel to building structure, and parallel to axis of bar joist	Up to 8	2015 (914)
045, attached to a steel structural member of 3/8 in. minimum and 1 1/4 in. maximum thickness; direction of load perpendicular to building structure, and perpendicular to axis of bar joist	Up to 8	2015 (914)
045, attached to a steel structural member of 3/8 in. minimum and 1 1/4 in. maximum thickness; direction of load parallel to building structure, and perpendicular to axis of bar joist	Up to 8	2015 (914)
025 (1/2 in. attachment holes)	Up to 8	2015 (914)
025 (3/4 in. attachment holes)	Up to 8	2015 (914)
035, attached to a steel structural member of 3/8 in. maximum thickness; direction of load parallel to building structure, and parallel to axis of bar joist	Up to 8	2015 (914)
035, attached to a steel structural member of 3/8 in. maximum thickness; direction of load perpendicular to building structure, and perpendicular to axis of bar joist	Up to 8	2015 (914)

035, attached to a steel structural member of 3/8 in. maximum thickness; direction of load parallel to building structure, and perpendicular to axis of bar joist	Up to 8	2015 (914)
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NPS = Nominal Pipe Size

## Restraint Devices

Model	Description/Comments
010 lateral restraint (1 in. bracing pipe)	1 NPS, SCH 40, 1000 lbf (454 kgf) load rating
010 lateral restraint (1-1/4 in. bracing pipe)	1 NPS, SCH 40, 1000 lbf (454 kgf) load rating

NPS = Nominal Pipe Size

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