

VGMY7.EX15530 - SWAY-BRACE DEVICES, RIGID TYPE FOR SPRINKLER SYSTEMS CERTIFIED FOR CANADA

Sway-brace Devices, Rigid Type for Sprinkler Systems Certified for Canada

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

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EX15530

Sway Brace Fittings

Model 040 sway brace fitting intended for lateral or longitudinal bracing.

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

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

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

NPS = Nominal Pipe Size

Structure Attachment Fittings

Model	Sprinkler Pipe Size to be Braced, NPS	Load Rating, kgf (lbf)
030, 1 in. through 2 in. bracing pipe, direction of load parallel to building structure	1-8	914 (2015)
030, 1 in. through 2 in. bracing pipe, direction of load perpendicular to building structure	1-8	914 (2015)
030, 12 gauge strut, direction of load parallel to building structure	1-8	914 (2015)
030, 12 gauge strut, direction of load perpendicular to building structure	1-8	914 (2015)
030, 1/4 in. and 3/8 in. steel, direction of load parallel to building structure	1-8	914 (2015)
030, 1/4 in. and 3/8 in. steel, direction of load perpendicular to building structure	1-8	914 (2015)
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	1- 8	914 (2015)
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	1- 8	914 (2015)
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	1- 8	914 (2015)

025 (1/2 in. attachment holes)	1-8	914 (2015)
025 (3/4 in. attachment holes)	1-8	914 (2015)
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	1-8	914 (2015)
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	1-8	914 (2015)
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	1-8	914 (2015)

These devices are to be used in addition to the required standard pipe hangers.

Restraint Devices

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

NPS = Nominal Pipe Size

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