

Shut-Off *freedom* Swivel-Flange®

Taco's new Shut-Off *freedom* Swivel-Flange® combines a full-port, ball valve and companion flange to isolate system circulators for easy removal and service, without draining the system. Simplify your next 00® circulator installation while saving material and labor costs. Solid brass uni-body construction, available in 1/2" – 1-1/2" NPT or Sweat connections. The Swivel-Flange provides easier installation and positioning of the pump and lever handle in the most convenient location.



Submittal Data Information

Shut-Off *freedom* Swivel-Flange®

Features

- Easy 1/4-turn Open/Close Operation
- Positive Shut-off, Leak Free Design
- Swivel Flange allows 360° rotation
- Solid Brass Construction
- Chrome/Brass Valve Ball
- High Quality Teflon® Seats
- Full Port Ball Valve For Unrestricted Flow
- 150# WP
- Available Sizes: 1/2" — 1-1/2" NPT
1/2" — 1-1/2" Sweat
- Includes Bolts and Nuts

Materials of Construction

Valve Body: Solid Brass
Valve Ball: Chrome Plated Brass
Flange: Epoxy Powder Coated Steel
Packing Seal: Teflon®¹
Valve Seat : Teflon®
Valve Stem: Brass
Handle: Chrome Plated Steel/Vinyl Cover

¹ Teflon is a Trademark of El Dupont de Nemours, Inc.

Operating Data

Maximum WP = 150 psi
Maximum Operating Temp: 240°F (115C°)

Shut-off Flanges for Taco® Circulator Models

| Size | Model # NPT | Model # Sweat | Taco® Circulator Model # |
|--------|----------------|------------------|---------------------------------|
| 1/2" | SF-050T | SF-050S | 006,005,007,008,009,0010 |
| 3/4" | SF-075T | SF-075S | 0011,0013,0014, 00R, 0015 |
| 1" | SF-100T | SF-100S | 110,111,112,113 |
| 1-1/4" | SF-125T | SF-125S | 2400-10,2400-20,2400-45,2400-50 |
| 1-1/2" | SF-150T | SF-150S | |
| 1-1/4" | SF-125T-0012 | SF-125S-0012 | 0012-F4 |
| 1-1/2" | SF-150T-0012 | SF-150S-0012 | 2400-30, 2400-40 |

Application

The Taco Shut-Off *freedom* Swivel-Flange® is a combination full port shut-off ball valve and swivel companion flange for most Taco circulators. The simple quarter turn, lever handle operation allows for easy isolation, removal and service of circulators without draining the system. Each flange set includes bolts and nuts. Available in sizes 1/2" to 1-1/2", NPT and Sweat connections, rated for 240°F, 150# WP.

Dimensions & Weights

| Model # | A Size | B in (mm) | C in (mm) | D in (mm) | E in (mm) | F in (mm) | G in (mm) | Wt./Set lbs. (kg) |
|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|
| SF-050T | 1/2" NPT | 2 (51) | 2 (51) | 4-1/8 (105) | 2-3/4 (70) | 3-7/8 (98) | 3-1/8 (79) | 2.5 (1.1) |
| SF-075T | 3/4" NPT | 2-1/4 (57) | 2 (51) | 4-1/8 (105) | 2-3/4 (70) | 3-7/8 (98) | 3-1/8 (79) | 3.0 (1.4) |
| SF-100T | 1" NPT | 2-1/2 (64) | 2-1/2 (64) | 4-1/8 (105) | 2-3/4 (70) | 4-1/2 (114) | 3-1/8 (79) | 3.5 (1.6) |
| SF-125T | 1-1/4" NPT | 2-3/4 (70) | 2-7/8 (73) | 4-1/8 (105) | 2-3/4 (70) | 4-1/2 (114) | 3-1/8 (79) | 4.0 (1.8) |
| SF-150T | 1-1/2" NPT | 3-7/8 (98) | 3-1/2 (89) | 4-1/8 (105) | 2-3/4 (70) | 5-1/2 (140) | 3-1/8 (79) | 5.2 (2.3) |
| SF-125T-0012 | 1-1/4" NPT | 2-3/4 (70) | 2-7/8 (73) | 4-1/2 (114) | 3 (76) | 4-1/2 (114) | 3-1/2 (89) | 4.7 (2.1) |
| SF-150T-0012 | 1-1/2" NPT | 3-7/8 (98) | 3-1/2 (89) | 4-1/2 (114) | 3 (76) | 5-1/2 (140) | 3-1/2 (89) | 6.9 (3.1) |
| SF-050S | 1/2" Swt. | 2 (51) | 2 (51) | 4-1/8 (105) | 2-3/4 (70) | 3-7/8 (98) | 3-1/8 (79) | 2.5 (1.1) |
| SF-075S | 3/4" Swt. | 2-1/2 (64) | 2 (51) | 4-1/8 (105) | 2-3/4 (70) | 3-7/8 (98) | 3-1/8 (79) | 3.0 (1.4) |
| SF-100S | 1" Swt. | 2-3/4 (70) | 2-1/2 (64) | 4-1/8 (105) | 2-3/4 (70) | 4-1/2 (114) | 3-1/8 (79) | 3.5 (1.6) |
| SF-125S | 1-1/4" Swt. | 3 (76) | 2-3/4 (70) | 4-1/8 (105) | 2-3/4 (70) | 4-1/2 (114) | 3-1/8 (79) | 4.0 (1.8) |
| SF-150S | 1-1/2" Swt. | 4-1/8 (105) | 3-1/2 (89) | 4-1/8 (105) | 2-3/4 (70) | 5-1/2 (140) | 3-1/8 (79) | 6.0 (2.7) |
| SF-125S-0012 | 1-1/4" Swt. | 3 (76) | 2-3/4 (70) | 4-1/2 (114) | 3 (76) | 4-1/2 (114) | 3-1/2 (89) | 4.7 (2.1) |
| SF-150S-0012 | 1-1/2" Swt. | 4-1/8 (105) | 3-1/2 (89) | 4-1/2 (114) | 3 (76) | 5-1/2 (140) | 3-1/2 (89) | 6.9 (3.1) |

Dimensions and weights are approximate.

