

## 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®<sup>1</sup>  
Valve Seat : Teflon®  
Valve Stem: Brass  
Handle: Chrome Plated Steel/Vinyl Cover

<sup>1</sup> 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.

