



# Submittal Data Information

101-132

## Shut-Off *freedom* Swivel Flange®

Effective: August 2, 2011

Supersedes: October 22, 2008

Job: \_\_\_\_\_ Engineer: \_\_\_\_\_ Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

ITEM NO.	MODEL NO.	

### 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 (115°C°)

### 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

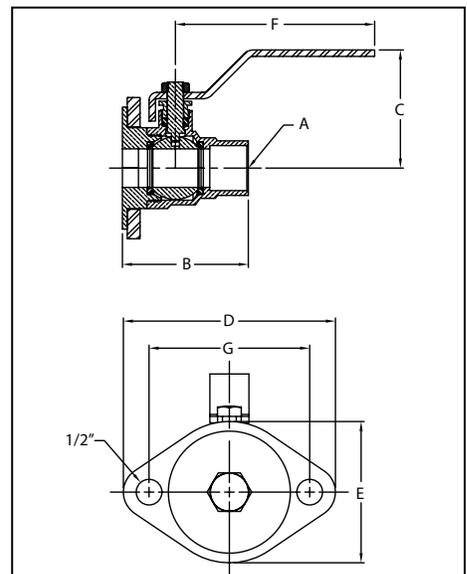
### Application

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.



## Do it Once. Do it Right.®

TACO INC., 1160 Cranston Street, Cranston, RI 02920 Telephone: (401) 942-8000 Fax: 942-2360  
 TACO (Canada), Ltd., 6180 Ordan Drive, Mississauga, Ontario L5T 2B3 Telephone: (905) 564-9422  
 Visit our website at: www.taco-hvac.com

Printed in USA  
 Copyright 2011  
 TACO, Inc.