

**JOB:**
**REPRESENTATIVE:**

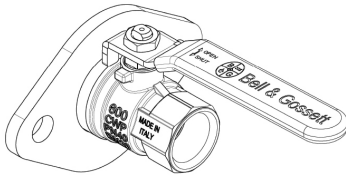
 UNIT TAG:  
 ENGINEER:  
 CONTRACTOR:

 ORDER NUMBER:  
 SUBMITTED BY:  
 APPROVED BY:

 DATE:  
 DATE:  
 DATE:

# Isolation Flanges

## NPT and Sweat Connection


**DESCRIPTION**

The isolation flange is a combination of an isolation ball valve and a companion flange for circulators. The isolation flange allows easy service or replacement of the circulator without the need to drain the system. The isolation flange fits the Bell & Gossett NRF/NBF/SSF wet rotors, Series PL, Series 100, PR, LR, and ecocirc 20-18 and ecocirc+ 20-18 circulators.  
 Available Sizes: 3/4", 1", 1-1/4" & 1-1/2" (refer to dimension and weight table for details)

**CONSTRUCTION**

**Valve Body:** Lead-Free† Brass  
**Flange:** Chrome Plated Steel  
**Ball:** Chrome Plated Lead-Free† Brass  
**Packing:** PTFE  
**Seat Ring:** PTFE  
**Stem:** Lead-Free† Brass

**MAXIMUM WORKING PRESSURE**

150 psig (10 bar)

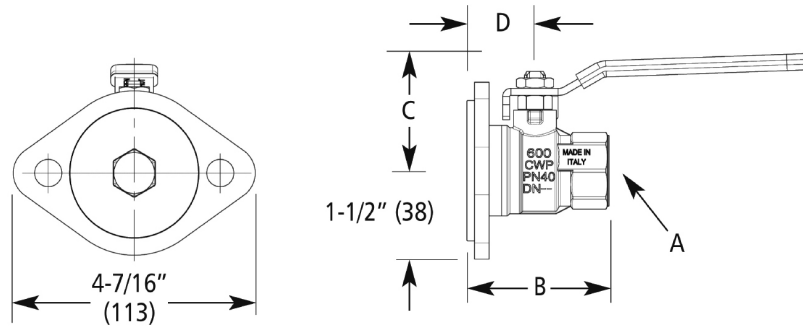
**TEMPERATURE RANGE**

200°F (93°C)

†CSA certified to NSF/ANSI 372 that product contains less than 0.25% lead content by weight on wetted surface.

**SCHEDULE**

Part No.	Size Inches	Use With Following B&G Circulators	Tagging	Quantity
101221LF	3/4" NPTF IF	NRF/NBF/SSF, Series PL-30, PL-36, PL-55, Series 100, PR, LR, and ecocirc 20-18 and ecocirc+ 20-18		
101222LF	1" NPTF IF			
101223LF	1-1/4" NPTF IF			
101241LF	1-1/2" NPTF IF			
101226LF	3/4" SWT IF	NRF/NBF/SSF, Series PL-30, PL-36, PL-55, Series 100, PR, LR, and ecocirc 20-18 and ecocirc+ 20-18		
101227LF	1" SWT IF			
101228LF	1-1/4" SWT IF			
101243LF	1-1/2" SWT IF			



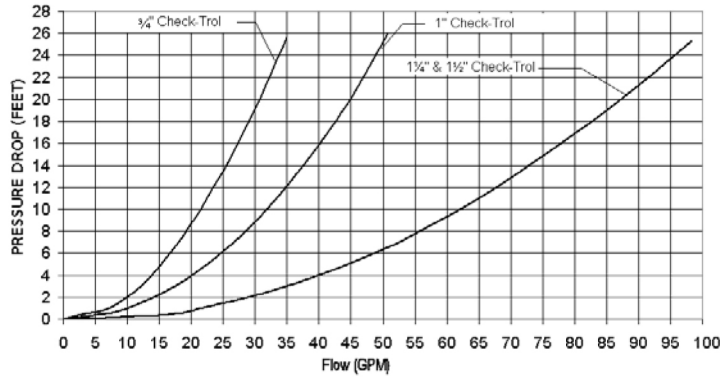
**DIMENSIONS**

Part No.	Dimensions-Inches (mm)					Approx. Shpg. Wt. Lbs (Kg)
	A	B	B1**	C	D	
101231LF	3/4" NPT	3-7/64" (79.0)	2-27/64" (61.5)	2" (50.5)	4-23/32" (120.0)	3.4 (1.5)
101232LF	1" NPT	3-15/16" (100.0)	2-57/64" (73.3)	2-5/32" (54.7)	4-23/32" (120.0)	4.4 (2.0)
101233LF	1-1/4" NPT	4-25/32" (121.4)	3-19/64" (84.0)	3" (75.9)	6-7/32" (158.0)	6.3 (2.8)
101245LF	1-1/2" NPT	4-27/32" (122.9)	3-23/64" (85.5)	3" (75.9)	6-7/32" (158.0)	6.6 (3.0)
101236LF	3/4" SWT	3-21/64" (84.5)	2-41/64" (67.0)	2" (50.5)	4-23/32" (120.0)	3.4 (1.5)
101237LF	1" SWT	4-1/64" (102.0)	3.000" (75.3)	2-5/32" (54.7)	4-23/32" (120.0)	4.2 (1.9)
101238LF	1-1/4" SWT	4-55/64" (123.4)	3-25/64" (86.0)	3" (75.9)	6-7/32" (158.0)	5.9 (2.7)
101247LF	1-1/2" SWT	5-1/64" (127.4)	3-35/64" (90.0)	3" (75.9)	6-7/32" (158.0)	6.5 (3.0)

Dimensions and weights are approximate and subject to change. Contact factory for certified dimensions . Check-Trol Flange is sold with an Isolation Flange as a pair.

\*\* Dimension B is for the Check-Trol only. Dimension B1 is for the Isolation Flange only. Dimensions A, C, and D apply to both Check-Trol and Isolation Flange.

The part numbers and shipping weights are for one Check-Trol Flanges and one Isolation flange, capscrews and nuts.



**TYPICAL SPECIFICATIONS**

Furnish and install on plans \_\_\_\_\_ inches NPT/Sweat x Flange Check-Trol Flange on the pump discharge. The Check-Trol Flange will prevent gravity circulation and flow in the wrong direction. When closed, it will provide positive shut-off. The mating flange shall be free floating allowing it to rotate eliminating the need to align the bolt holes of the flanges when installing to the piping system. The Check-Trol Flange shall be constructed with a brass body, chrome plated brass ball, chrome plated steel flange and handle, and PTFE packing and seat ring and a non-ferrous check. The Check-Trol Flange shall be manufactured by Xylem – Bell & Gossett or equal.



Xylem Inc.  
 8200 N. Austin Avenue  
 Morton Grove, IL 60053  
 Tel: (847) 966-3700 Fax: (847) 965-8379  
 www.xylem.com/bellgossett