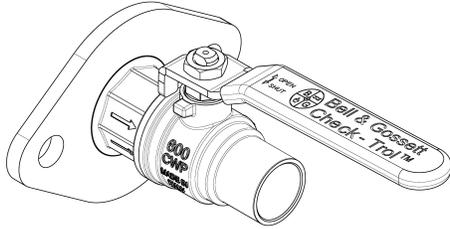


<b>JOB:</b>   <b>UNIT TAG:</b> <b>ENGINEER:</b> <b>CONTRACTOR:</b>	<b>REPRESENTATIVE:</b>   <b>ORDER NO.</b> <b>SUBMITTED BY:</b> <b>APPROVED BY:</b>	<b>DATE:</b> <b>DATE:</b> <b>DATE:</b>
-----------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------	----------------------------------------------



# Check-Trol™

## Isolation Flow Control Flange

**DESCRIPTION**

The Check-Trol flange is a combination of isolation valve, flow control valve, and companion flange for circulators. The ball valve allows the circulator to be removed from the system without draining the system. The internal spring check prevents gravity circulation. Free floating companion flange makes pump installation a snap.

The Check-Trol flange is packaged with an isolation flange of the same size to create a pair. Capscrews and nuts are included.

**OPERATIONAL DATA**

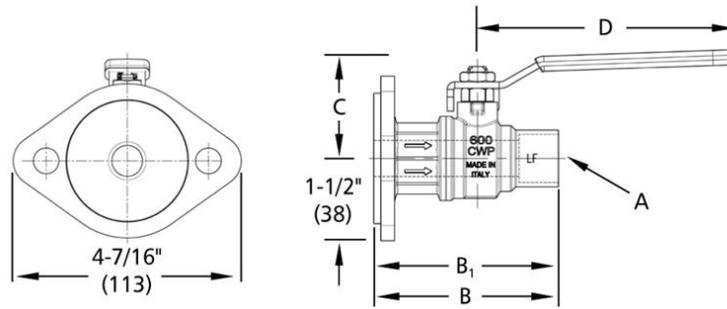
Maximum working pressure: 150 psig (10 bar)  
 Maximum operating temperature: 200°F (93°C)

**CONSTRUCTION**

Valve Body: Lead-Free† Brass  
 Flange: Chrome Plated Steel  
 Ball: Chrome Plated Lead-Free† Brass  
 Packing: Teflon\*  
 Seat Ring: Teflon  
 Stem: Lead-Free† Brass  
 Spring Check: Nitrile, Acetal, Stainless Steel

\*Teflon is a registered trademark of E.I. DuPont de Nemours and Company.  
 †Contains less than 0.25% lead on wetted surface

Part No.	Size Inches	Model	Use With Following B&G Circulators	Tagging	Quantity
101231LF	3/4" NPT x Flange	CTF-3/4	NRF/NBF/SSF, Series PL-30, PL-36, PL-55, Series 100, PR, and LR		
101232LF	1" NPT x Flange	CTF-1			
101233LF	1-1/4" NPT x Flange	CTF-1-1/4			
101245LF	1-1/2" NPT x Flange	CTF-1-1/2			
101236LF	3/4" SWT x Flange	CTFS-3/4	NRF/NBF/SSF, Series PL-30, PL-36, PL-55, Series 100, PR, and LR		
101237LF	1" SWT x Flange	CTFS-1			
101238LF	1-1/4" SWT x Flange	CTFS-1-1/4			
101247LF	1-1/2" SWT x Flange	CTFS-1-1/2			



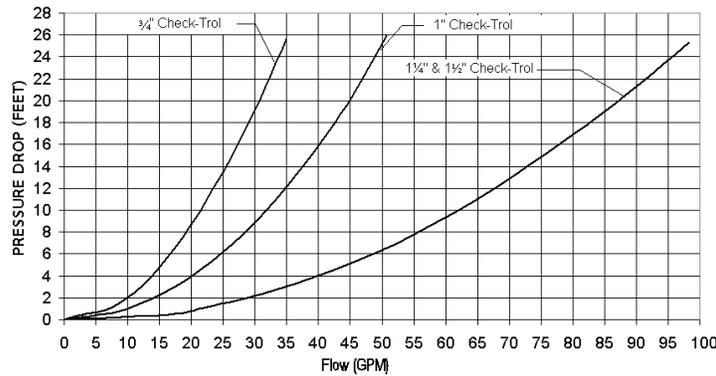
**Dimensions & Weights**

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.

**PERFORMANCE CURVE**



**TYPICAL SPECIFICATIONS**

Furnish and install on plans \_\_\_\_\_" 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 teflon packing and seat ring and a non-ferrous check. The Check-Trol Flange shall be manufactured by ITT – Bell & Gossett or equal.