

# ISOLATION FLANGES

## 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, HV, PR and LR circulators.

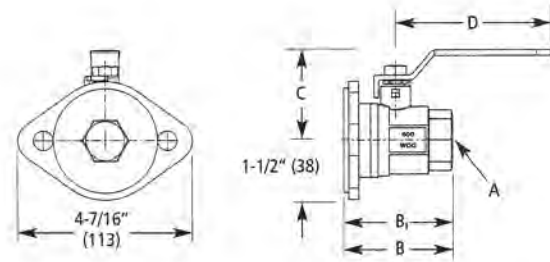
## Operating Data

Maximum Working Pressure: 150 PSI (10 bar)  
Maximum Operating Temperature: 250°F (121°C)

## Materials of 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

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



## Specifications

Model Number	Size Inches	Use with Following Circulators*	Dimensions - Inches (mm)				Approx. Shpg. Wt. lbs. (Kg)
			A	B	C	D	
101221LF	3/4" NPT IF	ecocirc auto and vario ecocirc XL 20-35, 36-45, 55-45 NRF/NBF/SSF wet rotors Series PL-30, PL-36, PL-55, PL-100 Series 100, PR and LR	3/4" NPT	2-27/64" (61.5)	2" (50.5)	4-47/64" (120)	3.2 (1.5)
101222LF	1" NPT IF		1" NPT	2-57/64" (73.3)	2-5/32" (54.7)	4-47/64" (120)	4.1 (1.9)
101223LF	1-1/4" NPT IF		1-1/4" NPT	3-19/64" (84)	3" (76.2)	6-7/32" (158)	5.8 (26)
101241LF	1-1/2" NPT IF		1-1/2" NPT	3-23/64" (85.5)	3" (76.2)	6-7/32" (158)	6.1 (28)
101226LF	3/4" SWT IF		3/4" SWT	2-41/64" (67)	2" (50.5)	4-23/32" (120)	3.2 (1.5)
101227LF	1" SWT IF		1" SWT	3" (75.3)	2-5/32" (54.7)	4-23/32" (120)	3.9 (1.8)
101228LF	1-1/4" SWT IF		1-1/4" SWT	3-25/64" (86)	3" (76.2)	6-7/32" (158)	5.4 (25)
101243LF	1-1/2" SWT IF		1-1/2" SWT	3-35/64" (90)	3" (76.2)	6-7/32" (158)	6 (27)

"IF" = "Isolation Flange"

Note: Dimensions and weights are approximate and subject to change. Contact factory for certified dimensions. The part numbers and shipping weights are for two isolation flanges, capscrews and nuts.

\* Not for use with NRF/NBF-45.

## Companion Flanges

### Flanges for Cast Iron Circulators

	Size (NPT)	Master Carton of 12 Part No.	Set of 2 Part No.
Series 100, PR NRF-22, NRF-9F/LW, NRF-33, NRF-36 PL-30, PL-36, PL-55, PL-100, ecocirc XL	3/4"	101001	101201
	1"	101002	101202
	1-1/4"	101003	101203
	1-1/2"	101004	101204
Series HV, PL-45 PL-50, NRF-45 ecocirc XL	1"	101005	101205
	1-1/4"	101006	101206
	1-1/2"	101007	101207

	Size (NPT)	Set of 2 Part No.*
PL-75, PL-130B/2" ecocirc XL 15-75	2"	101215
PL-130B/3" ecocirc XL 40-275	2-1/2"	101219
	3"	101217

\*Includes Fasteners

### Union Connection for NBF Circulators

	Union Connection	Set of Two	
		Model No.	Part No.
NBF-22U, NBF-12U/LW NBF-9U/LW	1/2" sweat	UC-1/2S	113203LF
	3/4" sweat	UC-3/4S	113201LF
	3/4" NPT	UC-3/4NPT	113202LF

### Flanges for Bronze Circulators

	Size (NPT)	Master Carton of 12 Part No.	Set of 2 Part No.
Series 100B, PRAB, NBF-22, NBF-12F/LW, NBF-33, NBF-36 PL-30B, PL-36B, PL-100, ecocirc XLB	3/4"	101511LF	101501LF
	1"	101512LF	101502LF
	1-1/4"	101513LF	101503LF
	1-1/2"	1101514LF	101504LF
Series HV, PL-45B PL-50B, NBF-45 ecocirc XLB	1"	101515LF	101505LF
	1-1/4"	101516LF	101506LF
	1-1/2"	101517LF	101507LF

	Size (NPT)	Set of 2 Part No.*
PL-75B, PL-130B/2" ecocirc XLB 15-75	2"	101508LF
PL-130B/3" ecocirc XLB 40-275	2-1/2"	101510LF
	3"	101509LF

\*Includes Fasteners

