

- Combines a circulator flange and ball valve to allow the circulator to be isolated from the system for quick and easy removal
- Free-floating flanges eliminate the need to align flanges making the pump installation a snap
- Includes capscrews and nuts
- Lead-Free† Brass and non-ferrous wetted internal components make the isolation flanges ideal for hydronic heating systems
- Can be used with most circulators, including NRF/NBF/SSF wet rotors, Series PL's, 100, HV, PR & LR and other manufacturers' pumps
- Available sizes: 3/4", 1", 1-1/4" and 1-1/2" NPT and Sweat

† Low Lead Content



Isolation Flanges

NPT and Sweat Connections

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.

Available Sizes: 3/4", 1", 1-1/4" & 1-1/2" (refer to dimension and weight table for details)

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 Teflon®*
 Seat Ring Teflon
 Stem Lead-Free† Brass

* Teflon is a registered trademark of E.I. du Pont de Nemours and Company
 † Contains less than 0.25% lead content by weight on wetted surfaces.

Dimensions & Weights

Model No.	Size Inches	Use with Following Circulators	Dimensions – Inches (mm)				Approx. Shpg. Wt. lbs. (Kg)
			A	B	C	D	
101221LF	3/4" NPTF IF	NRF/NBF/SSF wet rotors Series PL-30, PL-36, PL-55 Series 100, PR and LR Does not include NRF/NBF-45	3/4" NPT	2-27/64" (61.5)	2" (50.5)	4-47/64" (120)	3.2 (1.5)
101222LF	1" NPTF 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" NPTF IF		1-1/4" NPT	3-19/64" (84)	3" (75.9)	6-7/32" (158)	5.8 (2.6)
101241LF	1-1/2" NPTF IF		1-1/2" NPT	3-23/64" (85.5)	3" (75.9)	6-7/32" (158)	6.1 (2.8)
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" (75.9)	6-7/32" (158)	5.4 (2.5)
101243LF	1-1/2" SWT IF		1-1/2" SWT	3-35/64" (90)	3" (75.9)	6-7/32" (158)	6 (2.7)

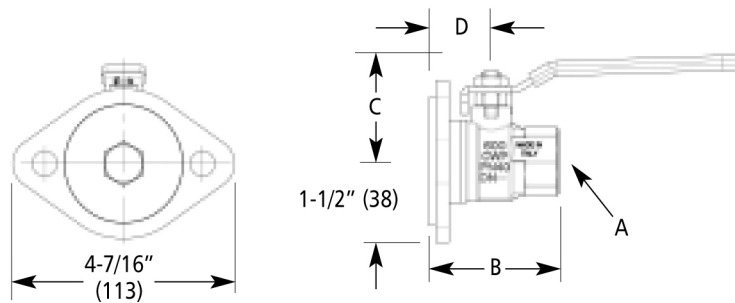
"IF" = "Isolation Flange"

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.

Typical Specifications

Furnish and install as shown on plans _____" NPT/Sweat x flange isolation flanges on each side of the circulator(s). When closed, the isolation flanges isolate the circulator from the rest of the system so the system does not need to be drained when removing the circulator. The isolation valve shall be constructed with a brass body, chrome plate brass ball, chrome plated steel flange and handle, and teflon packing and seat ring. 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 system piping. The isolation flange shall be Xylem Bell & Gossett or equal.



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