

For Residential and Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

Series IPF

Isolation Pump Flanges for Circulator Pumps

Sizes: $\frac{3}{4}$ " – 2"

Series IPF Isolation Pump Flanges are designed to isolate circulator pumps to facilitate circulator pump replacement or repair.

Features

- Fits most circulator pumps
- Includes mounting nuts and bolts
- Durable brass body and flange
- High Pressure Rating (600 WOG for solder and threaded and 250 WOG for Press)
- Adjustable packing gland
- EPDM O-Rings to avoid leaks at installation
- Optional Tee handle included

Models

- IPF-T-M1 $\frac{3}{4}$ " – 2" NPT threaded end connection
 IPF-S-M1 $\frac{3}{4}$ " – 2" Solder end connection
 IPF-Press-M1 $\frac{3}{4}$ " - 1 $\frac{1}{4}$ " Press end connection

Specifications

Approved isolation pump flange of 2-piece design constructed of brass body and end adapter. Pump flange shall have adjustable PTFE packing and a Buna-N O-ring on a brass stem with virgin PTFE seats. Threaded and Solder valves to be pressure rated to 600psi (41.4 bar) WOG. Press valves to be pressure rated to 250psi (18 bar) CWP. Valves with lower pressure ratings are not acceptable. Approved valve is a Watts Series IPF-T-M1 (threaded) or IPF-S-M1 (solder) or IPF-PRESS-M1 (Press).



*This valve is designed to be soft soldered into lines without disassembly, using a low temperature solder to 420°F (216°C). Higher temperature solders may damage the seat material.

Apply heat with the flame directed AWAY from the center of the valve body. Excessive heat can harm the seats.

NOTICE

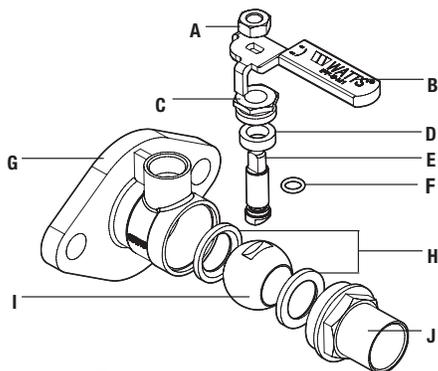
The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

Inquire with governing authorities for local installation requirements

Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.

Materials

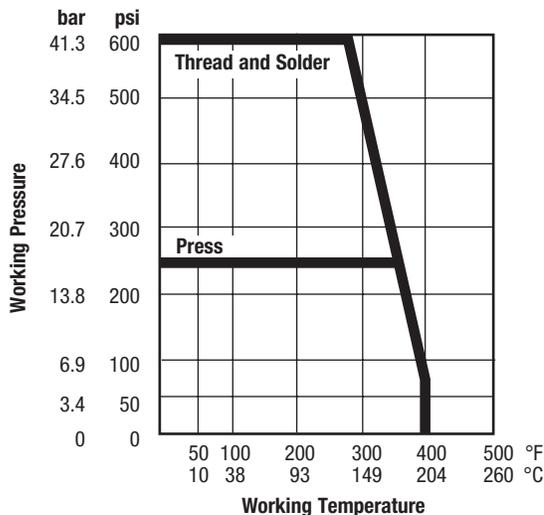


- A Handle nut: Brass
- B Handle: Steel with vinyl insulator
- C Packing Nut: Brass
- D Stem Packing: Virgin PTFE
- E Stem: Brass
- F Stem O-ring: EPDM
- G Body/Flange: Brass
- H Seats: Virgin PTFE
- I Ball: Chrome-plated Brass
- J Adapter: Brass

Pressure – Temperature

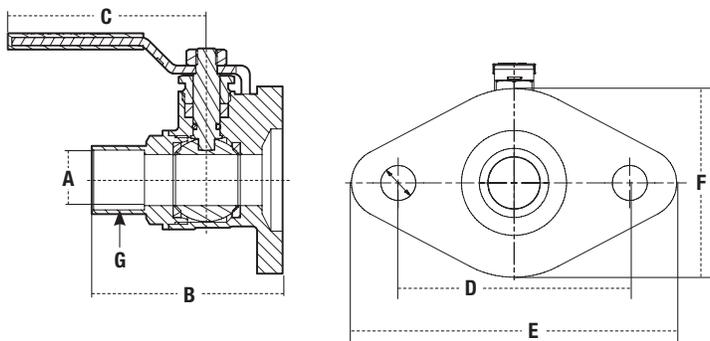
Maximum Working Pressure:
 Thread and Solder: 600psi (41.4 bar) WOG
 Press - 250psi (18 bar) CWP
 Maximum Temperature: 406°F (208°C) at 100psi (6.9 bar)

Temperature – Pressure Rating



* See applicable note on reverse side for solder end valves with regards to pressure/temperature rating.

Dimensions – Weights



SIZE		ORDERING CODE		DIMENSIONS								WEIGHT			
in.		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	kg
IPF-T-M1															
3/4	0068090	3/4	19	2 1/4	54	3	77	3 3/16	80	4 5/8	118	2 11/16	69	3/4" NPT	.61
1	0068091	1	25	2 5/8	63	3	77	3 3/16	80	4 5/8	118	2 11/16	69	1" NPT	.72
1 1/4	0068092	1 1/4	31	2 13/16	72	4	107	3 3/16	80	4 5/8	118	2 11/16	69	1 1/4" NPT	.97
1 1/2	0068093	1 1/2	39	3 1/4	79	4	107	3 3/16	80	4 5/8	118	2 11/16	69	1 1/2" NPT	1.13
2	0068094	1 7/8	47	3 3/4	90	4	107	3 7/16	87	4 5/8	118	2 11/16	69	2" NPT	1.16
IPF-S-M1															
3/4	0068095	3/4	19	2 1/8	54	3	77	3 3/16	80	4 5/8	118	2 11/16	69	—	.60
1	0068096	1	25	2 1/2	63	3	77	3 3/16	80	4 5/8	118	2 11/16	69	—	.72
1 1/4	0068097	1 1/4	31	2 13/16	72	4	107	3 3/16	80	4 5/8	118	2 11/16	69	—	.97
1 1/2	0068098	1 1/2	39	3 1/8	79	4	107	3 3/16	80	4 5/8	118	2 11/16	69	—	1.13
2	0068099	1 7/8	47	3 1/2	90	4	107	3 3/16	87	4 5/8	118	2 11/16	69	—	1.36
IPF-PRESS-M1															
3/4	0068087	3/4	19	3	77	3 5/8	92	3 3/16	80	4 1/8	105	2 11/16	69	Press	.60
1	0068088	1	25	3 5/16	84	4	107	3 3/16	80	4 1/8	105	2 11/16	69	Press	.79
1 1/4	0068089	1 1/4	31	3 5/8	92	5 1/16	137	3 3/16	80	4 1/8	105	2 11/16	69	Press	.97



USA: T: (978) 689-6066 • F: (978) 975-8350 • Watts.com
 Canada: T: (905) 332-4090 • F: (905) 332-7068 • Watts.com
 Latin America: T: (52) 81-1001-8600 • Watts.com