For Commercial and Industrial Applications

Job Name _____ Contractor _____

Job Location _____ Approval _____

Engineer _____ Contractor's P.O. No. _____

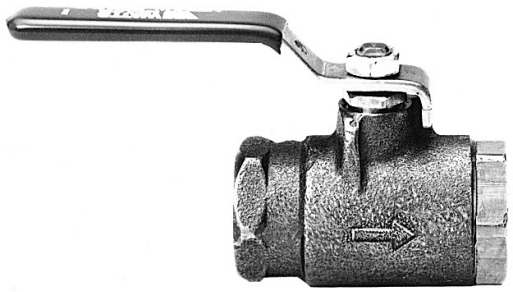
Approval _____ Representative _____

Series B6095

2-Piece, Standard Port, Threaded One-Way Bronze Ball Valves with Integral Check

Sizes: ½" – 2" (15 – 50mm)

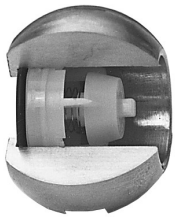
Series B6095 2-Piece, Standard Port, Threaded One-Way Bronze Ball Valves with Integral Check feature a cam lock smart ball check valve insert manufactured from polymer materials, NBR rubber and stainless steel spring. The check module is rated to 235psi (16.2 bars) CWP.



B6095

Features

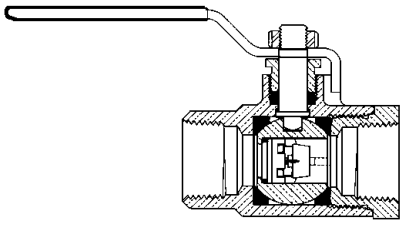
- Minimal pressure drop
- Compact
- Reduces number of potential leak points
- Reduces assembly time
- Self-cleaning check module
- Bubble tight sealing in low or high backpressure conditions – soft seated
- Cost effective
- Patented check design
- One-way ball can be used in 2-piece and 3-piece ball valves
- Durafill® (carbon/glass filled PTFE) seats for sizes ½" and 1¼" – 2" (15 and 32-50mm) Uniseal® (enhanced PTFE) seats for sizes ¾" & 1" (20 & 25mm)



Patented Cam Lock Smart Ball Check Valve Insert

Specifications

A 2-piece standard port threaded one-way bronze ball valve with integral check to be installed as indicated on the plans. The valve must have Durafill® seats (½" & 1¼" – 2") or Uniseal® seats (¾" & 1"), reinforced PTFE stem packing seal, and chrome plated brass ball. Pressure rating no less than 235psi (16.2 bars) CWP. Valve shall be a Watts Regulator Company Series B6095.



Direction of Flow →

Pressure – Temperature

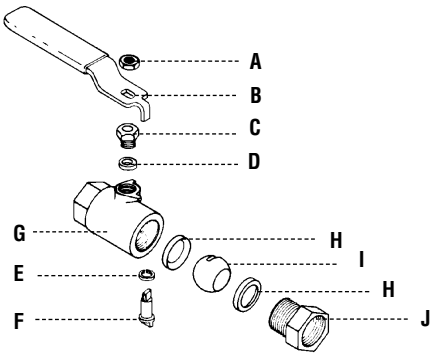
Temperature Range: 32°F - 160°F (0°C – 71°C)

Maximum Operating Pressure: 235psi (16.2 bars) CWP

Durafill® is a registered trademark of Cargill, Limited.
Uniseal® is a registered trademark of Uniseal, Incorporated.

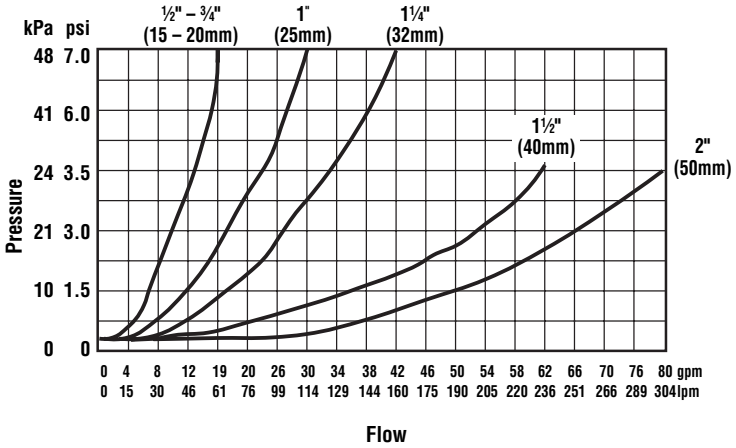
WATTS® REGULATOR

Materials

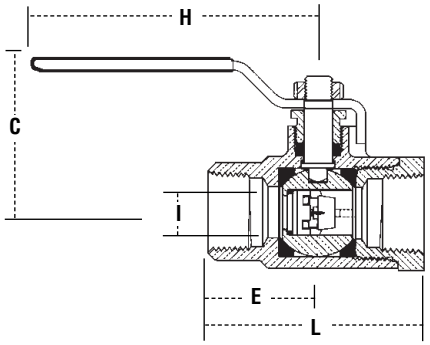


A	**Handle Nut**	Zinc Plated Carbon Steel
B	**Handle**	Zinc Plated Carbon Steel with Vinyl Insulator
C	**Packing Nut**	Brass ASTM B16, C36000
D	**Stem Packing**	Glass Reinforced PTFE
E	**Thrust Washer**	Glass Reinforced PTFE
F	**Stem**	Brass ASTM B16, C36000
G	**Body**	Cast Bronze ASTM B584, C84400
H	**Seats**	Durafill® (½" & 1¼" – 2") Uniseal® (¾" & 1")
I	**Ball**	Chrome Plated Brass ASTM B16, C36000; Check valve insert is polymer material, NBR rubber and stainless steel spring
J	**Adapter**	Brass ASTM B16, C36000
K	**Body Seals**	PTFE (1¼" – 2" only)

Flow Curves



Dimensions — Weights



SIZE (DN)		DIMENSIONS										WEIGHTS	
		C Center to Handle		E Center to End		H Radius of Handle		I Ball Orifice		L End to End			
in.	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*in.*	*mm*	*lbs.*	*kg.*
½	15	1¾	45	1 1/16	27	3¾	95	½	13	2¼	58	0.6	0.3
¾	20	2	51	1 7/16	36	3¾	95	11/16	17	2 13/16	72	1.0	0.5
1	25	2¼	57	1 11/16	43	4½	114	⅞	22	3 7/16	87	1.6	0.7
1¼	32	2½	64	1 15/16	49	3 13/16	97	1	25	3⅞	99	2.2	1.0
1½	40	3	76	2⅛	54	5½	140	1¼	32	4¼	108	3.2	1.5
2	50	3 5/16	84	2 7/16	62	5½	140	1½	38	4 13/16	122	4.9	2.2

USA: 815 Chestnut St., No. Andover, MA 01845-6098; www.wattsreg.com
Canada: 5435 North Service Rd., Burlington, ONT. L7L 5H7; www.wattscanada.ca