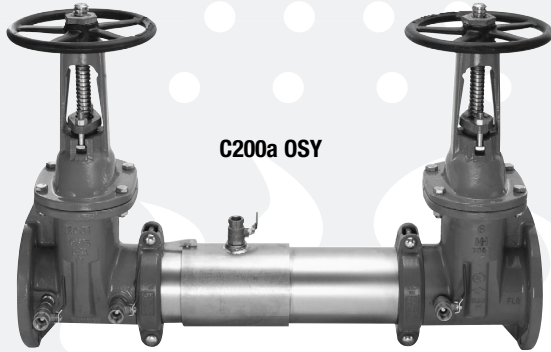




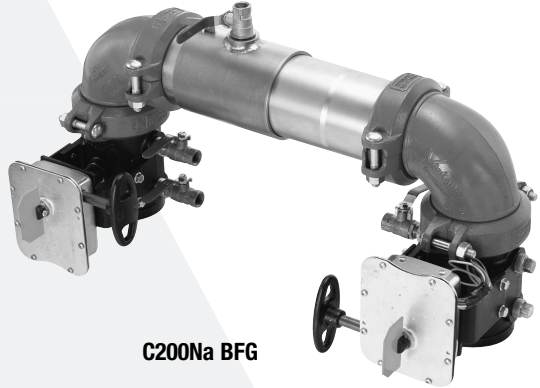
Colt™ Series C200a, C200Na

Double Check Valve Assemblies

Sizes: 2½" – 6" (65 – 150mm)



C200a OSY



C200Na BFG

Features

- Extremely Compact Design
- 70% Lighter than Traditional Designs
- 304 (Schedule 40) Stainless Steel Housing & Sleeve
- Groove Fittings Allow Integral Pipeline Adjustment
- Patented Bi-Link Check Provides Lowest Pressure Loss
- Unmatched Ease of Serviceability
- Available with Grooved Butterfly Valve Shutoffs
- Available for Horizontal, Vertical or N Pattern Installations
- Replaceable Check Disc Rubber

The Colt C200a, C200Na Double Check Valve Assemblies are used to prevent backflow of pollutants, that are objectionable but not toxic, from entering the potable water supply system. The Colt C200a, C200Na may be installed under continuous pressure service and may be subjected to backpressure. The Colt C200a, C200Na consists of two independently operating check valves, two shutoff valves, and four test cocks. For use in non-health hazard applications.

Specifications

The Colt C200a, C200Na Double Check Valve Assemblies shall consist of two independent Bi-Link Check modules within a single housing, sleeve access port, four test cocks and two drip tight shutoff valves. Bi-Link Checks shall be removable and serviceable, without the use of special tools. The housing shall be constructed of 304 (Schedule 40) stainless steel pipe with groove end connections. Bi-Link Checks shall have reversible elastomer discs and in operation shall produce drip tight closure against the reverse flow of liquid caused by backpressure or backsiphonage. Assembly shall be a Colt C200a, C200Na as manufactured by the Ames Company.

Job Name _____ Contractor _____

Job Location _____ Approval _____

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

Approval _____ Representative _____

Ames product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Ames Technical Service. Ames 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 Ames products previously or subsequently sold.

Configurations

- Horizontal
- Vertical up
- “N” pattern horizontal

Materials

- Housing & Sleeve: 304 (Schedule 40) Stainless Steel
- Elastomers: EPDM, Silicone and Buna ‘N’
- Bi-Link Checks: Noryl®, Stainless Steel
- Check Discs: Reversible EPDM
- Test Cocks: Bronze Body Nickel Plated
- Pins & Fasteners: 300 Series Stainless Steel
- Springs: Stainless Steel

Available Models

Suffix:

NRS - non-rising stem resilient seated gate valves

OSY - UL/FM outside stem and yoke resilient seated gate valves

BFG - UL/FM grooved gear operated butterfly valves with tamper switch

*OSY FxG - Flanged inlet gate connection and grooved outlet gate connection

*OSY GxF - Grooved inlet gate connection and flanged outlet gate connection

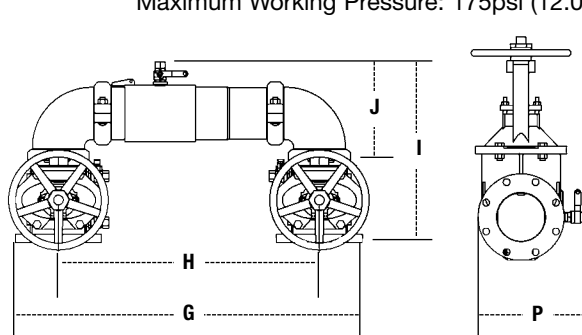
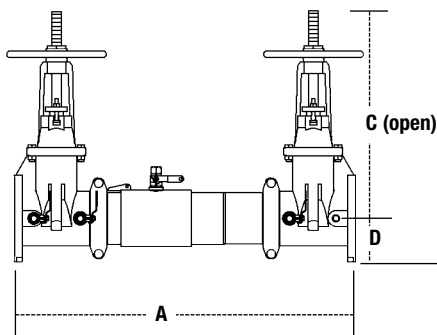
*OSY GxG - Grooved inlet gate connection and grooved outlet gate connection

Available with grooved NRS gate valves - consult factory*

Post indicator plate and operating nut available - consult factory*

*Consult factory for dimensions

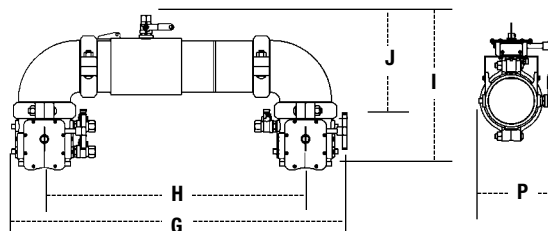
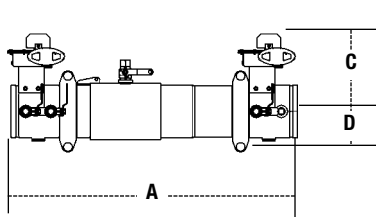
Dimensions — Weights



C200a, C200Na

SIZE (DN)		DIMENSIONS										WEIGHT															
in.	mm	A	C (OSY)		C (NRS)		D		G		H		I		J		P		C200a		C200Na						
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.	lbs.	kgs.	lbs.	kgs.
2½	65	—	—	—	—	—	—	—	29½	738	22	559	15½	393	8½	223	9½	234	—	—	—	—	123	56	133	60	
3	80	—	—	—	—	—	—	—	30¾	768	22¾	578	17⅞	435	9⅞	233	10½	267	—	—	—	—	144	65	158	72	
4	100	—	—	—	—	—	—	—	33	838	24	610	18½	470	9½	252	11⅞	284	—	—	—	—	184	83	184	83	
6	150	43½	1105	30⅞	765	16	406	5½	140	44¾	1137	33¾	857	23⅞	589	13⅞	332	15	381	273	124	295	134	314	142	336	152

Note: For 2½" – 4" horizontal/vertical installation, send for literature ES-A-C200/C200N.



C200aBFG, C200NaBFG

SIZE (DN)		DIMENSIONS										WEIGHT									
in.	mm	A	C		D		G		H		I		J		P		C200aBFG		C200NaBFG		
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kgs.	lbs.	kgs.
2½	65	—	—	—	—	—	—	29⅞	759	22	559	14½	379	8½	223	9	229	—	—	64	29
3	80	—	—	—	—	—	—	30½	779	22¾	578	15½	392	9½	233	9½	241	—	—	67	30
4	100	—	—	—	—	—	—	31½	811	24	610	16¼	412	9½	252	10	254	—	—	84	38
6	150	36½	927	10	254	5	127	43⅞	1097	33¾	857	19½	500	13⅞	332	10½	267	117	53	157	71

Note: For 2½" – 4" horizontal/vertical installation, send for literature ES-A-C200/C200N.

Noryl® is a registered trademark of General Electric Company.

Approvals



For additional approval information please contact the factory or visit our website at www.amesfirewater.com

Capacity

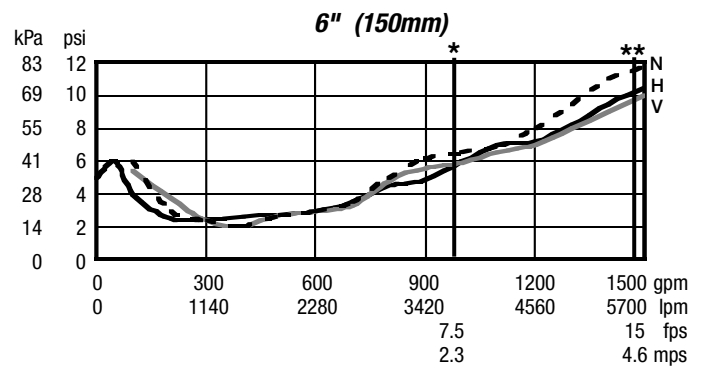
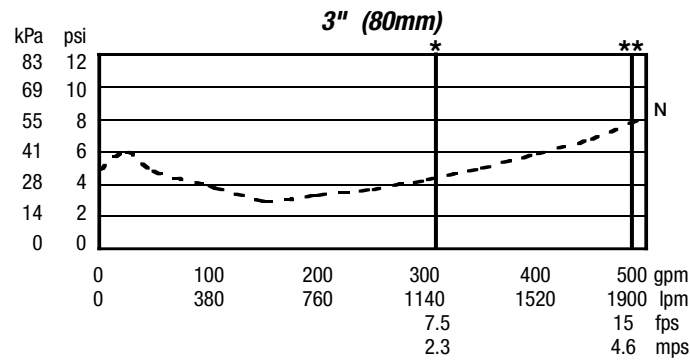
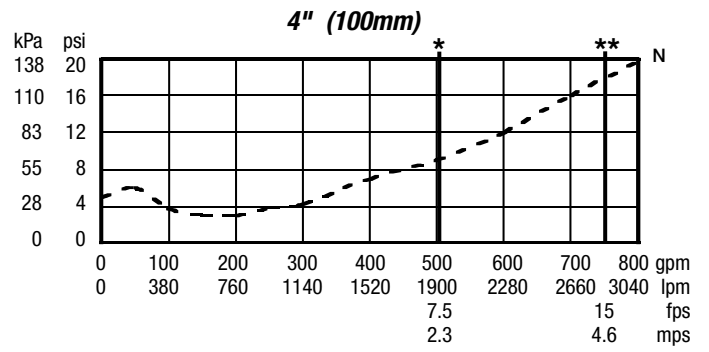
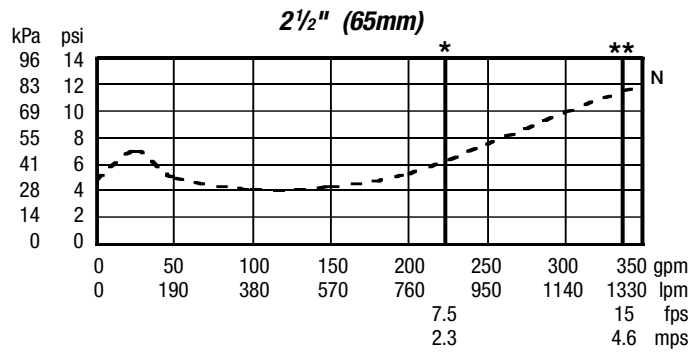
UL/FM Certified Flow Characteristics

Flow characteristics collected using butterfly shutoff valves.

See literature S-Colt-200/300 for gate valve flow characteristics

* = Rated Flow ** = UL Tested

_____ Horizontal _____ Vertical - - - - - N - Pattern



IMPORTANT: INQUIRE WITH GOVERNING AUTHORITIES FOR LOCAL INSTALLATION REQUIREMENTS

For additional information, visit our web site at: www.amesfirewater.com



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www.amesfirewater.com

