

ВОНОМІ

USA, INC.



In-Line Check Valves

SERIES 100002 - 100003
BRASS IN-LINE CHECK VALVE



High Capacity, Size 1/4"-2" 400 WOG, 2 1/2"-4" 175 WOG

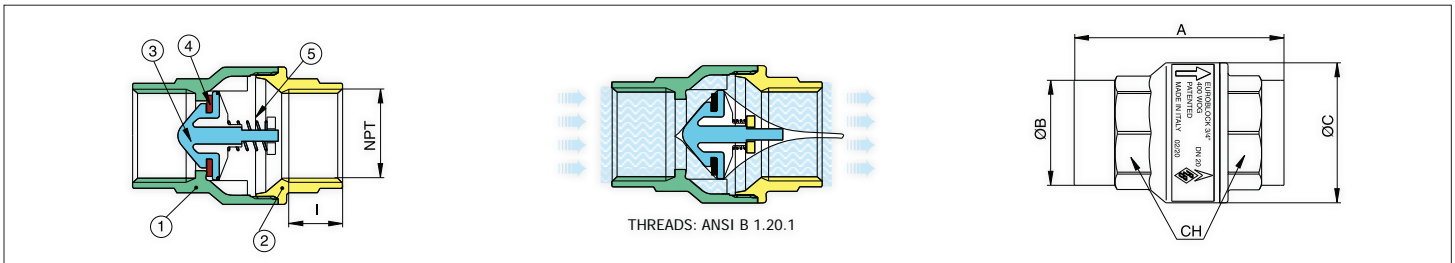
- Soft Seat for Bubble Tight Shutoff, Spring Loaded for Fast Seating Action.
- Compact Design.
- Low Cracking Pressure 1/2 psi.
- Flow Profile Designed to Minimize Head Loss.
- Perfect Seating both at High and Low Pressure, Wide Temperature Range: +10° to 210° F.
- Polyetherimide Disc to ensure the Best Resistance For Corrosion And Abrasion.
- Patented Disc Guide To Prevent Any Side Loading.
- Connection: FNPT x FNPT.



100002: NBR for water, oils and general purpose.

100003: With VITON® Seal for fuels and hydrocarbons.

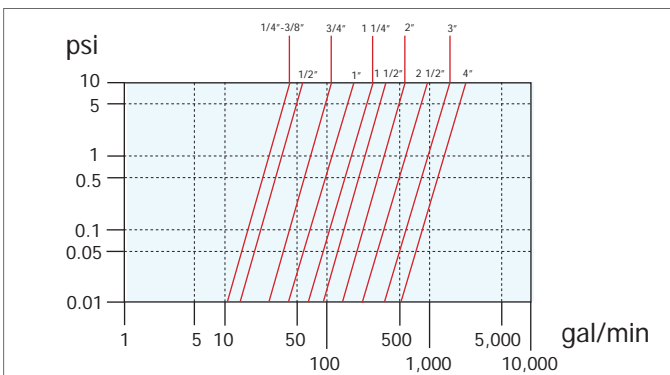
Max working TEMPERATURE 352°F/125 psi steam



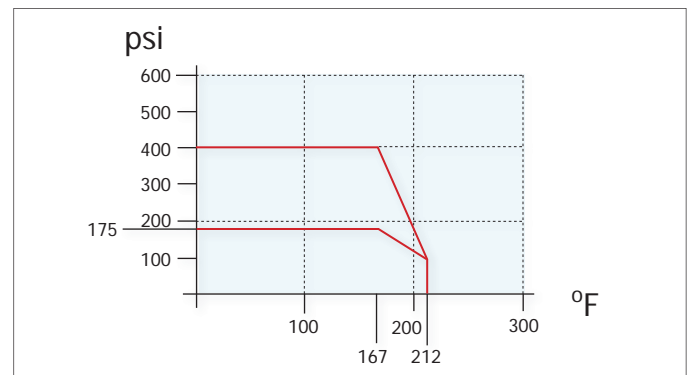
No. Part	PART NAME	MATERIAL	No. PCS
1	BODY	BRASS CW 617N UNI EN 12165	1
2	END CONNECTION	BRASS CW 617N UNI EN 12165	1
3	DISC	POLYETHERIMIDE	1
4	SEAT	100002 NBR	1
		100003 Viton®	1
5	SPRING	STAINLESS STEEL	1

SIZE	A	ØB	ØC	I	CH	CV	psi	Lbs
1/4"	1.73	0.79	1.06	0.39	0.79	4.55	400	0.22
3/8"	1.73	0.79	1.06	0.40	0.79	4.55	400	0.37
1/2"	2.32	0.98	1.35	0.53	0.98	6.00	400	0.32
3/4"	2.56	1.20	1.65	0.55	1.22	11.00	400	0.49
1"	2.76	1.48	1.93	0.66	1.50	16.90	400	0.68
1 1/4"	2.93	1.87	2.40	0.68	1.89	27.40	400	1.13
1 1/2"	3.17	2.10	2.87	0.68	2.12	39.10	400	1.61
2"	3.37	2.68	3.46	0.69	2.64	60.70	400	2.28
2 1/2"	4.37	3.23	4.39	0.93	3.27	98.40	175	4.83
3"	4.86	3.84	5.24	1.01	3.86	158.00	175	6.70
4"	5.41	5.00	6.42	1.09	5.04	225.40	175	12.43

FLOW-RATE CHART FOR 100002-100003



PRESSURE-TEMPERATURE CHART

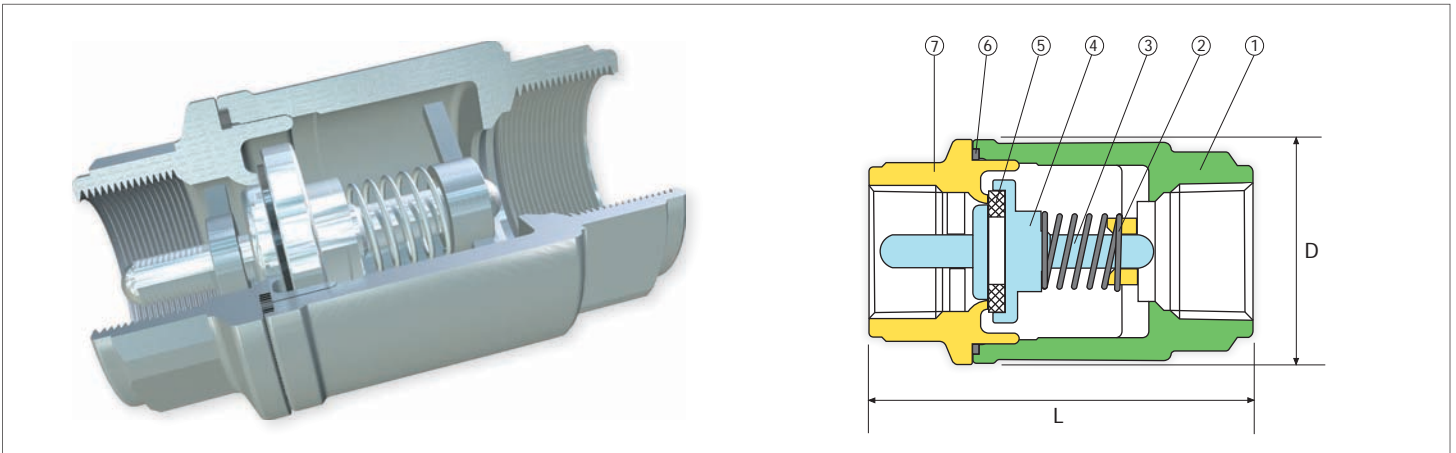


SERIES S800
STAINLESS STEEL IN-LINE
CHECK VALVE



High Capacity, Size 1/4"-2" 800 WOG

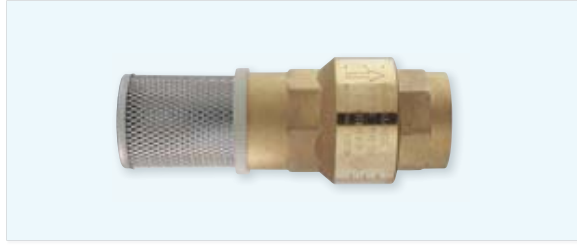
- Soft PTFE Seat for Bubble Tight Shutoff, Spring Loaded for Fast Seating Action.
- Low Cracking Pressure 1/2 psi.
- Flow Profile Designed to Minimize Head Loss.
- Perfect Seating both at High and Low Pressure, Wide Temperature Range: +10° to 450° F.
- Corrosion Resistant-Excellent For Use On Chemicals.
- ASTM A351-CF8M Investment Casting.
- Connection: FNPT x FNPT.
- 125WSP Saturated Steam.
- ANSI B1.20.1 Threads.
- Dual Guided Stem & Disc.
- Available in a SS Foot Valve Design, item# S800FV



No. Part	PART NAME	MATERIAL	No. PCS
1	BODY	ASTM A351-CF8M	1
2	SPRING	SS316	1
3	CENTER GUIDE	ASTM A351-CF8M	1
4	DISC	ASTM A351-CF8M	1
5	SEAT	PTFE	1
6	GASKET	PTFE	1
7	END CAP	ASTM A351-CF8M	1

SIZE	D	L	CV	psi	Lbs
1/4"	1.35	2.31	3.5	800	0.42
3/8"	1.35	2.31	3.5	800	0.42
1/2"	1.35	2.31	5.2	800	0.40
3/4"	1.81	2.87	10.0	800	0.85
1"	2.13	3.50	15.0	800	1.30
1 1/4"	2.46	4.18	24.5	800	2.50
1 1/2"	2.88	4.93	35.2	800	3.40
2"	3.56	6.00	52.0	800	6.0

SERIES 100102
BRASS FOOT VALVE



High Capacity, Size 1/4"-2" 400 WOG, 2 1/2"-4" 175 WOG

- Soft Seat for Bubble Tight Shutoff, Spring Loaded for Fast Seating Action.
- Low Cracking Pressure 1/2 psi.
- Flow Profile Designed to Minimize Head Loss.
- Perfect Sealing both at High and Low Pressure, Wide Temperature Range: +10⁰ to 210⁰ F.
- High Tech Materials Provide Optimum Performance in any Service
- Patented Disc Guide
- Connection: FNPT x FNPT.



No. Part	PART NAME	MATERIAL	No. PCS
1	BODY	BRASS CW 602N-UNI EN12165	1
2	END CONNECTION	BRASS CW 602N-UNI EN12165	1
3	DISC	POLYETHERIMIDE	1
4	SEAT	NBR	1
5	SPRING	STAINLESS STEEL	1
6	SCREEN	STAINLESS STEEL-NYLON	1

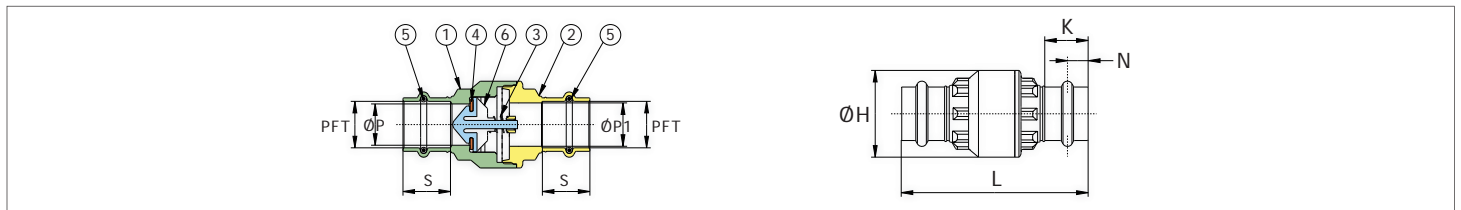
SIZE	A	ØB	ØC	I	CH	CV	psi	Lbs
1/4"	1.73	0.79	1.06	0.39	0.79	4.55	400	0.22
3/8"	1.73	0.79	1.06	0.40	0.79	4.55	400	0.37
1/2"	2.32	0.98	1.35	0.53	0.98	6.00	400	0.32
3/4"	2.56	1.20	1.65	0.55	1.22	11.00	400	0.49
1"	2.76	1.48	1.93	0.66	1.50	16.90	400	0.68
1 1/4"	2.93	1.87	2.40	0.68	1.89	27.40	400	1.13
1 1/2"	3.17	2.10	2.87	0.68	2.12	39.10	400	1.61
2"	3.37	2.68	3.46	0.69	2.64	60.70	400	2.28
2 1/2"	4.37	3.23	4.39	0.93	3.27	98.40	175	4.83
3"	4.86	3.84	5.24	1.01	3.86	158.00	175	6.70
4"	5.41	5.00	6.42	1.09	5.04	225.40	175	12.43

SERIES 100602
IN-LINE CHECK-PRESS VALVE



High Capacity, Size 1/2"-2" 200 WOG.

- Soft Seat for Bubble Tight Shutoff, Spring Loaded for Fast Seating Action.
- Low Cracking Pressure 1/2 psi.
- Flow Profile Designed to Minimize Head Loss Easy Design.
- Perfect Seating both at High and Low Pressure, Wide Temperature Range: +10⁰ to 250⁰ F.
- High Technology Materials to ensure Best Corrosion Resistance for any Water Application.
- Patented Disc Guide to Prevent Side Loading.



No. Part	PART NAME	MATERIAL	No. PCS
1	BODY	BRASS CW 602N-UNI EN12165	1
2	END CONNECTION	BRASS CW 602N-UNI EN12165	1
3	SPRING	STAINLESS STEEL AISI 302	1
4	GASKET RING	NBR	1
5	O-RING	EPDM	2
6	DISC	POLYETHERIMIDE	1

SIZE	ØP	ØP1	S	K	N	ØH	L	CV	psi (Rated maximum working pressure)	psi (Rated maximum test pressure)	Lbs
1/2"	0.59	0.59	0.71	0.67	0.31	1.36	2.99	6.01	200	400	0.34
3/4"	0.79	0.83	0.91	0.83	0.39	1.65	3.56	10.87	200	400	0.56
1"	0.98	1.07	0.94	0.83	0.39	1.93	3.94	16.76	200	400	0.85
1 1/4"	1.26	1.34	1.02	0.83	0.39	2.40	4.09	27.17	200	400	1.19
1 1/2"	1.57	1.57	1.42	1.02	0.49	2.87	4.98	38.73	200	400	1.92
2"	1.97	1.97	1.57	1.20	0.59	3.46	5.61	60.11	200	400	2.86