



FEATURES

- + 316 Stainless Steel Trim for media compatibility
- + Metal to Metal seating provides effective one-way control
- + Low cracking pressure reduces loss of flow
- + Available in NACE and Low Temperature
- + Size Ranges: 1/4 inch to 2 inch

PRESSURE RANGES (psi)

3000, 3705 (1500 ASME)¹, 6000, 10000

TEMPERATURE RANGES

316 SS: -20°F to +400°F (-29°C to +204°C)
 1018 CS: +32°F to +400°F (0°C to +204°C)
 A350-LF2 CS: -50°F to +400°F (-46°C to +204°C)

END CONNECTIONS²

316 SS: 1/4" to 1-1/4" NPT, 1-1/2" to 2" Line Pipe
 1018 CS: 1/4" to 1-1/4" NPT, 1-1/2" to 2" Line Pipe
 A350-LF2 CS: 1/4" to 2" NPT

SPECIFICATIONS

ABSA-CRN #0C2161.2¹, ASME B16.34¹, NACE MR0175³

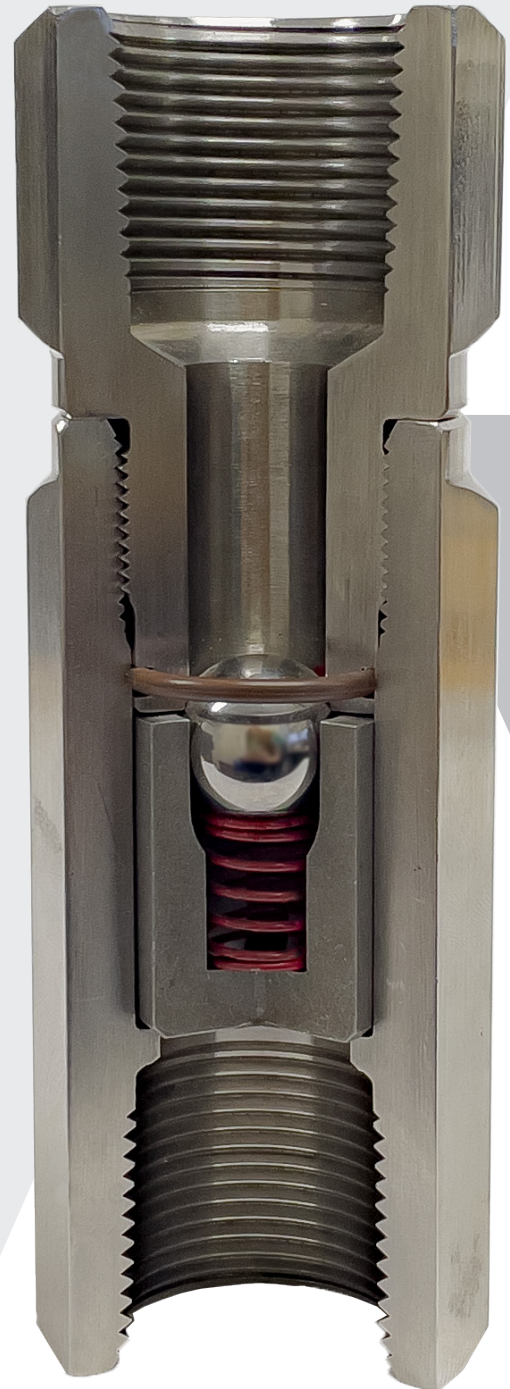
STANDARD TRIM MATERIALS

Body	316 Stainless Steel ³ 1018 Carbon Steel A350-LF2 Carbon Steel ^{1,3}
Ball	316 Stainless Steel
Cage	316 Stainless Steel
Spring	Inconel® X-750
Seals	Viton / Fluorosilicon

¹ Applies to NACE, Low Temperature, A350-LF2, 3705 psi (1500 class) only.

² Socket Weld end connections available.

³ NACE applies to A350-LF2 and 316 SS Check Valves only.



GENERAL SPECIFICATIONS



ARGUS

Manufacturing Intelligent Solutions

1018 CARBON STEEL & 316 STAINLESS STEEL

SIZE	CONNECTION	MAWP (psi)	MODEL #		PART #		LENGTH	
			1018 CS	316 SS	1018 CS	316 SS	in	mm
1/4"	F x F	3000	FFBDL-025	FFBDS-025	C1100001	C1200001	3 1/8"	79.4
		6000	FFBFL-025	FFBFS-025	C2100001	C2200001	3 5/8"	92.1
		10000	FFBEL-025	FFBES-025	C1300001	C1400001	3 7/8"	98.4
3/8"	F x F	3000	FFBDL-037	FFBDS-037	C1100002	C1200002	4 1/2"	114.3
		6000	FFBFL-037	FFBFS-037	C2100002	C2200002	4 7/8"	123.8
		10000	FFBEL-037	FFBES-037	C1300002	C1400002	5 1/8"	130.2
1/2"	F x F	3000	FFBDL-050	FFBDS-050	C1100003	C1200003	4 1/2"	114.3
		6000	FFBFL-050	FFBFS-050	C2100003	C2200003	4 7/8"	123.8
		10000	FFBEL-050	FFBES-050	C1300003	C1400003	5 1/8"	130.2
3/4"	F x F	3000	FFBDL-075	FFBDS-075	C1100004	C1200004	5"	127.0
		6000	FFBFL-075	FFBFS-075	C2100004	C2200004	5 1/4"	133.4
		10000	FFBEL-075	FFBES-075	C1300004	C1400004	5 3/4"	146.1
1"	F x F	3000	FFBDL-100	FFBDS-100	C1100005	C1200005	5 3/4"	146.1
		6000	FFBFL-100	FFBFS-100	C2100005	C2200005	6 1/8"	155.6
		10000	FFBEL-100	FFBES-100	C1300005	C1400005	6 7/8"	174.6
1 1/4"	F x F	3000	FFBDL-125	FFBDS-125	C1100006	C1200006	8"	203.2
		6000	FFBFL-125	FFBFS-125	C2100006	C2200006	8 1/8"	206.4
		10000	FFBEL-125	FFBES-125	C1300006	C1400006	8 1/2"	215.9
1 1/2"	F x F	3000	FFBDL-150	FFBDS-150	C1100007	C1200007	8"	203.2
		6000	FFBFL-150	FFBFS-150	C2100007	C2200007	8 1/8"	206.4
		10000	FFBEL-150	FFBES-150	C1300007	C1400007	8 1/2"	215.9
2"	F x F	3000	FFBDL-200	FFBDS-200	C1100008	C1200008	8 1/2"	215.9
		6000	FFBFL-200	FFBFS-200	C2100008	C2200008	8 3/4"	222.3
		10000	FFBEL-200	FFBES-200	C1300008	C1400008	9 1/2"	241.3
	M x M	3000	MMBDL-201	MMBDS-201	C1100028	C1200028	4"	101.6

NACE LOW TEMPERATURE (A350-LF2 CARBON STEEL)

SIZE	CONNECTION	MAWP (psi)	MODEL #	PART #	LENGTH	
					in	mm
1/4"	F x F	3705	FFBAC-025	V1000001	3 3/8"	85.7
3/8"	F x F	3705	FFBAC-037	V1000002	4 5/8"	117.5
1/2"	F x F	3705	FFBAC-050	V1000003	4 5/8"	117.5
3/4"	F x F	3705	FFBAC-075	V1000004	5 1/4"	133.4
1"	F x F	3705	FFBAC-100	V1000005	5 7/8"	149.2
1 1/4"	F x F	3705	FFBAC-125	V1000006	8"	203.2
1 1/2"	F x F	3705	FFBAC-150	V1000007	8"	203.2
2"	F x F	3705	FFBAC-200	V1000008	8 1/2"	215.9

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