TEXSTEAM

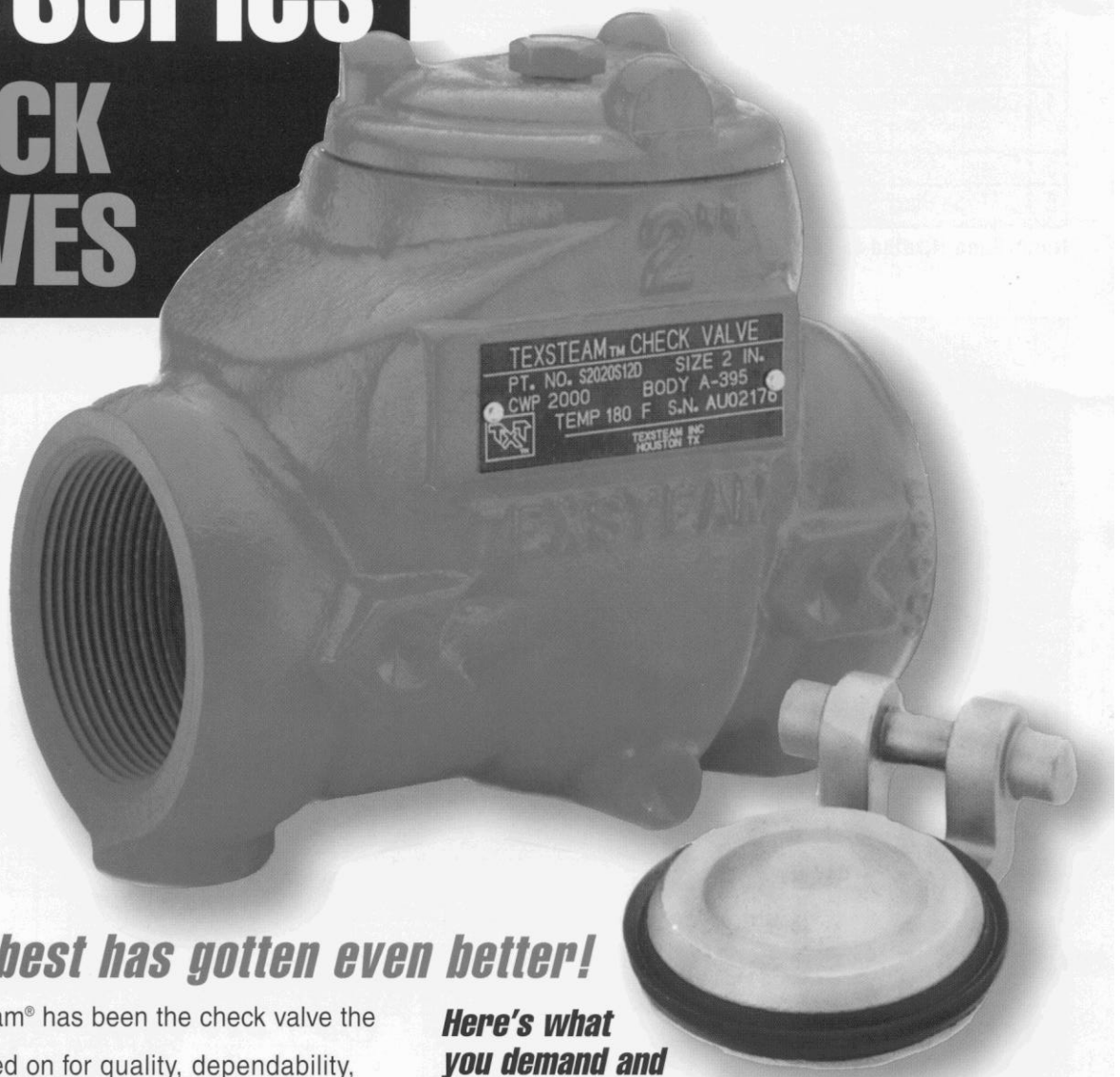
Check Valves

Swing Check • Ball Check • Line Check

TEXSTEAM OPERATIONS

C3 Series CHECK VALVES

316 S.S. Trim Standard



Now the best has gotten even better!

For years Texsteam® has been the check valve the oil patch has relied on for quality, dependability, and years of trouble-free service. The best has just gotten better. Now 316 stainless steel trim is standard to better handle your corrosive service. Maintenance and downtime are reduced.

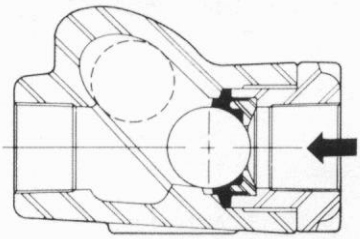
You demand the best, but not at a premium. The C-3 gives you what you want.

Here's what you demand and get from Texsteam...

- 316 stainless steel trim – standard
- Conformance to NACE MR0175 –good for your corrosive service
- Beveled, self-aligning clapper and seat design – zero leakage
- Molded clapper seal – seals at 1 psi pressure differential
- All seals are 90 durometer peroxide cured Buna N (Viton optional) for NACE and CO_2 compatibility
- Full opening, through-conduit design – very low pressure drop
- All valves 100% pressure tested
- In-field, inline repairable

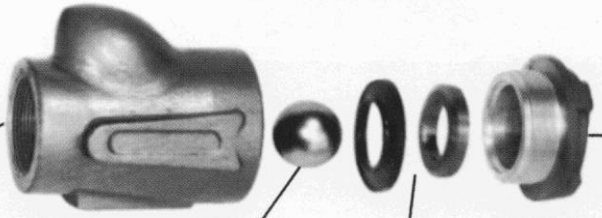
TXT BALL CHECK VALVES
C-1 SERIES
END ENTRY

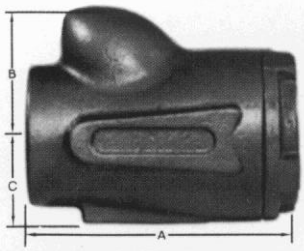
FEATURES:
* Replaceable Resilent Seal with secondary Metal-to-Metal Seal
* Nominal Flow Restriction
* Can be installed HORIZONTAL or VERTICAL
* No Ball Spring
* Minimum Parts Wear from Low Flow Rates or Pulsating srvice



TRIM
Seal - Buna-N 180°F Max (Std.)
- Viton 400°F Max (Opt.)

Ball - ½″, 1″ & 1½″ valves
- 2″ valves - 440 SS
- All sizes - Aluminum Bronze





SCREWED END
½″ THRU 2″
1000-5000 lbs.
DUCTILE IRON
CAST STEEL
ALUMINUM BRONZE

FLOW COEFFICIENTS

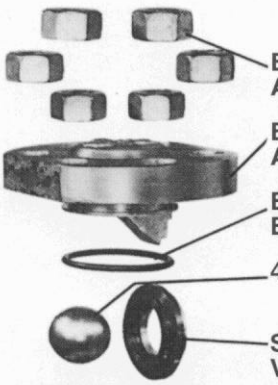
SIZE	Cv
1″	30
1½″	52
2″	105

Size [ins.]	WP/Lbs.	Material	Model No.	Wt./Lbs.	Dimensions [ins.]		
					A	B	C
½	1000	Ductile Iron	1031	1	3¼	1⅛	⅞
	1500	Ductile Iron	1531				
	2000	Ductile Iron	2031				
		Cast Steel	2001				
	3000	Cast Steel	3001				
	5000	Cast Steel	5001				
1	1000	Ductile Iron	1031	4	1½	2	1¼
	1500	Ductile Iron	1531				
		Aluminum Bronze	1571				
	2000	Ductile Iron	2031				
		Cast Steel	2001				
		Aluminum Bronze	2071				
	3000	Cast Steel	3001				
		Aluminum Bronze	3071				
	5000	Cast Steel	5001				
1½	1000	Ductile Iron	1031	8	5½	2¾	1⅝
	1500	Ductile Iron	1531				
	2000	Ductile Iron	2031				
2	1000	Ductile Iron	1031	13	6	3	1⅞
	1500	Ductile Iron	1531				
		Aluminum Bronze	1571				
	2000	Ductile Iron	2031				
		Cast Steel	2001				
		Aluminum Bronze	2071				
	3000	Cast Steel	3001				
		Aluminum Bronze	3071				
	5000	Cast Steel	5001				

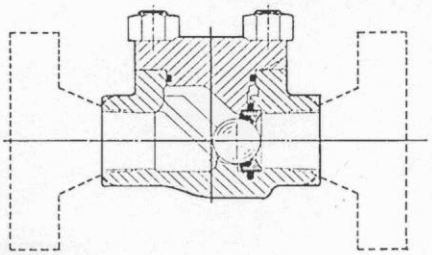
TXT BALL CHECK VALVES
C-9 SERIES BOLTED BONNET – 2″ ONLY

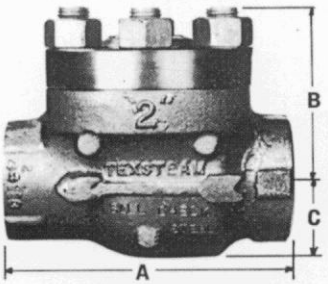
FEATURES:

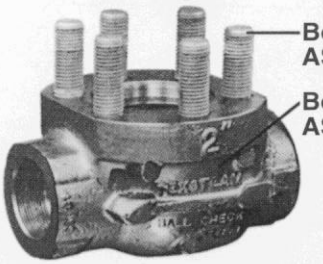
- Top Entry for In-Line Inspection and Repair
- Resilient Primary Seals with Metal-to-Metal Back-Up
- Full Range of End Connections
- Minimum Flow Restrictions CV - 105
- Choice of Alternate Seal Materials
- Can be installed HORIZONTAL or VERTICAL

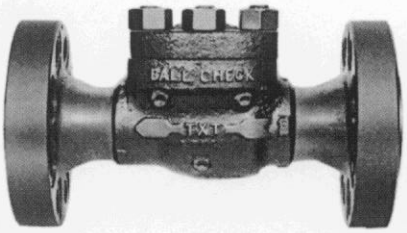


SCREWED END
FLANGED END









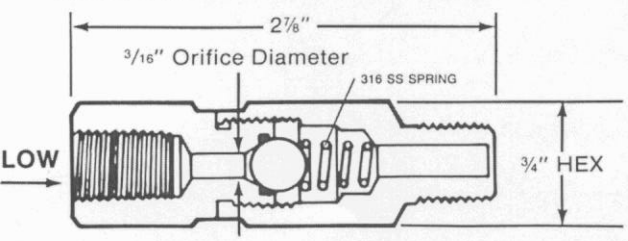
2″ SCREWED END, SOCKET WELD OR BUTT WELD★

Model No.★	Working Pressure, PSI	Wt./Lbs.	Dimensions [ins.]		
			A	B	C
209	275	39	7 7/8	5 1/4	2 1/4
1009	1000	39	7 7/8	5 1/4	2 1/4
1509	1500	39	7 7/8	5 1/4	2 1/4
2009	2000	39	7 7/8	5 1/4	2 1/4
3009	3000	39	7 7/8	5 1/4	2 1/4
5009	5000	39	7 7/8	5 1/4	2 1/4

★Add SW or BW to Model No. Suffix for Socket Weld or Butt Weld ends. Specify pipe schedule or BW ends.

TXT LINE CHECK VALVES
"O" RING SEAT TYPE SPRING LOADED

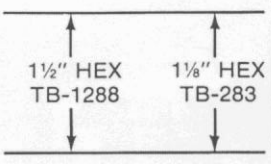
6,000 POUNDS WORKING PRESSURE



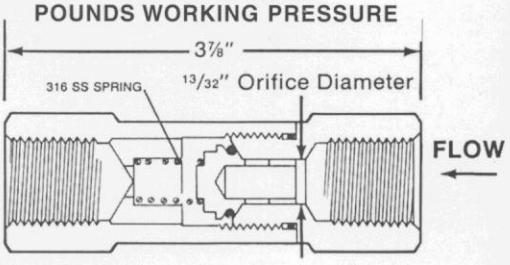
TB-675
303 SS

TB-676
BRASS

BRASS and STAINLESS STEEL



6,000 AND 15,000 POUNDS WORKING PRESSURE



TB-283
303 SS

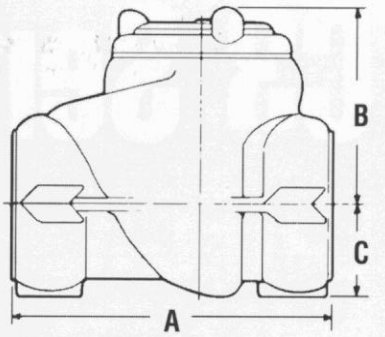
TB-1380
316 SS

TB-1288
17.4 PH SS

Valve Number	Connection	Working Pressure	Material	Weight
TA-675	¼″ FxM	6000#	303 Stainless Steel	4 oz.
TB-283	½″ FxF	6000#	303 Stainless Steel	11 oz.
TA-676	¼″ FxM	3000#	Brass	4 oz.
TB-1288	½″ FxF	15000#	17.4 PH SS	1½ lbs.
TB-1360	½″ FxF	6000#	316 Stainless Steel	N/A

- Standard Opening Pressure – 20 psi
- Supplied with Buna-N O-ring seats as standard – Viton optional
- Optional opening pressure – 5 psi

Part		Material Specifications C3 Series	
		Ductile Iron	Ductile Iron
1	Body	ASTM A395 Ductile Iron	ASTM A216 WCB Carbon Steel
2	Clapper	ASTM A351 Stainless Steel	ASTM A351 Stainless Steel
3	Clapper Seal	90 Durometer Peroxide Cured Buna N (Viton optional)	90 Durometer Peroxide Cured Buna N (Viton optional)
4	Cover Seal O-Ring	90 Durometer Peroxide Cured Buna N (Viton optional)	90 Durometer Peroxide Cured Buna N (Viton optional)
5	Cover	ASTM A216 WCB Carbon Steel	ASTM A216 WCB Carbon Steel
6	7/8" Pipe Plug	2" valves only	2" valves only



Note: Buna N rated to 200°F. maximum. Viton to 200°F. maximum

Material	Model No.	Size	Ends Connection	Working Pressure	Weight (lbs)	Dimensions [ins.]		
						A	B	C
Ductile Iron	1033	1"	FNPT	1000	5	4 1/4	3	1 1/4
Ductile Iron	1533	1"	FNPT	1500	5	4 1/4	3	1 1/4
Ductile Iron	2033	1"	FNPT	2000	5	4 1/4	3	1 1/4
Ductile Iron	333	2"	FNPT	300	10	6	3 7/8	1 3/4
Ductile Iron	333G	2"	Grooved	300	10	7	3 7/8	1 3/4
Ductile Iron	633	2"	FNPT	600	10	6	3 7/8	1 3/4
Ductile Iron	633G	2"	Grooved	600	10	7	3 7/8	1 3/4
Ductile Iron	733	2"	FNPT	750	10	6	3 7/8	1 3/4
Ductile Iron	1033	2"	FNPT	1000	10	6	3 7/8	1 3/4
Ductile Iron	1533	2"	FNPT	1500	10	6	3 7/8	1 3/4
Ductile Iron	2033	2"	FNPT	2000	10	6	3 7/8	1 3/4
Ductile Iron	333	2 1/2"	FNPT	300	18	9	4 1/2	2 1/2
Ductile Iron	333G	2 1/2"	Grooved	300	18	8 7/8	4 1/2	2 1/2
Ductile Iron	633	2 1/2"	FNPT	600	18	9	4 1/2	2 1/2
Ductile Iron	633G	2 1/2"	Grooved	600	18	8 7/8	4 1/2	2 1/2
Ductile Iron	333	3"	FNPT	300	17	8	5 1/2	2 3/8
Ductile Iron	333G	3"	Grooved	300	15	8 7/8	5 1/2	2 3/8
Ductile Iron	633	3"	FNPT	600	17	8	5 1/2	2 3/8
Ductile Iron	733	3"	FNPT	750	17	8	5 1/2	2 3/8
Ductile Iron	1033	3"	FNPT	1000	17	8	5 1/2	2 3/8
Ductile Iron	1533	3"	FNPT	1500	17	8	5 1/2	2 3/8
Ductile Iron	2033	3"	FNPT	2000	17	8	5 1/2	2 3/8
Ductile Iron	333	4"	FNPT	300	35	10	6 3/8	3
Ductile Iron	333G	4"	Grooved	300	35	10 7/8	6 3/8	3
Ductile Iron	633	4"	FNPT	600	35	10	6 3/8	3
Ductile Iron	733	4"	FNPT	750	35	10	6 3/8	3
Ductile Iron	1033	4"	FNPT	1000	35	10	6 3/8	3
Carbon Steel	703	1"	FNPT	720	5	4 1/4	3	1 1/4
Carbon Steel	1503	1"	FNPT	1500	5	4 1/4	3	1 1/4
Carbon Steel	2003	1"	FNPT	2000	5	4 1/4	3	1 1/4
Carbon Steel	3003	1"	FNPT	3000	5	4 1/4	3	1 1/4
Carbon Steel	703	2"	FNPT	720	11	6	3 7/8	1 3/4
Carbon Steel	1503	2"	FNPT	1500	11	6	3 7/8	1 3/4
Carbon Steel	2003	2"	FNPT	2000	11	6	3 7/8	1 3/4
Carbon Steel	703	2 1/2"	FNPT	720	16	9	4 1/2	2 1/2
Carbon Steel	1503	2 1/2"	FNPT	1500	16	9	4 1/2	2 1/2
Carbon Steel	703	3"	FNPT	720	20	8	4 1/2	2 1/2
Carbon Steel	1503	3"	FNPT	1500	20	8	4 1/2	2 1/2
Carbon Steel	2003	3"	FNPT	2000	20	8	4 1/2	2 1/2
Carbon Steel	703	4"	FNPT	720	36	10	4 1/2	2 1/2
Carbon Steel	1503	4"	FNPT	1500	36	10	4 1/2	2 1/2