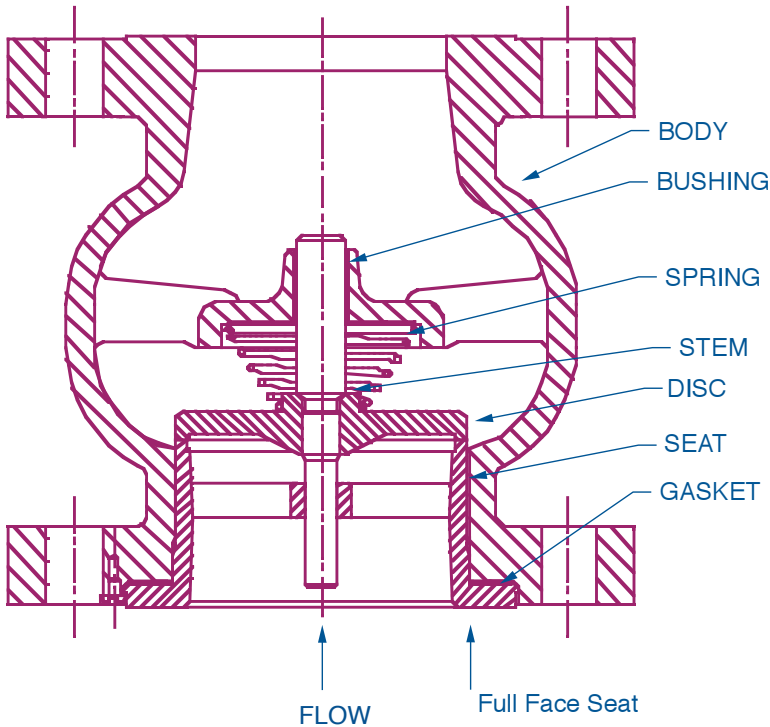


Features:



The DFT[®] Model GLC Silent Check Valve is a spring-assisted, center guided, in-line, flanged check valve that provides reliable, low maintenance service for a wide range of fluids and pressure/temperature combinations. The valve consists of a body, seat, spring, disc with stem and guide bushing. Some valves have body or gasket seals. The DFT GLC check valve has the advantage of minimum pressure loss with silent, non-slam operation.

(1) Contact DFT for availability

- "Short" Face-to-Face dimensions
- **API 6FD Fire Test**
 - ASME 150 and 300
 - 2" to 24"
- **NSF 61**
 - ASME 150 and 300
 - 1" to 24"
- One piece body
- Spring-assisted silent closing, non-slam
- Center guided
- Dual guided stem
- Horizontal or vertical installation
- Protected spring
- Easy maintenance
- Versatile
- **ASME 150 To 2500**
 - 1" to 24" Line size
 - WCB & SS Bodies
 - 316 SS trim
 - RF Flanged Ends
 - MSS-SP61 seat leakage
- **OPTIONS:**
 - Inconel[®] X-750 Spring
 - Soft seat
 - Custom sizing - low flow
 - Body Materials
 - Alloy 20, Hastelloy[®], Monel
 - Digester trim
 - Stellite trim (600°F+)
 - RTJ Ends⁽¹⁾
 - NACE (Page 33)
 - API 6D

Consult pages 34 and 35 for Pressure/Temperature ratings and soft seat materials.

Class 150 RF

	1"	1½"	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A	4½	5¾	6¼	7	7½	8½	9½	10	12	14	18	21	22½	24	24	28
B	4¼	5	6	7	7½	9	10	11	13½	16	19	21	23½	25	27½	32
Weight	7	13	17	31	33	55	72	93	172	266	387	456	700	753	1292	1571
Cv	17	35	63	100	148	260	415	620	1030	1630	2370	3500	5100	6400	7700	11100
CP	0.85	0.29	0.29	0.18	0.20	0.49	0.28	0.41	0.41	0.55	0.47	0.52	0.51	0.59	0.49	0.44

Class 300 RF

	1"	1½"	2"	2½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
A	4¾	6	6½	7¼	7⅞	9⅛	10¾	11	13	15¾	19½	23	24	24	24	28
B	4⅞	6⅛	6½	7½	8¼	10	11	12½	15	17½	20½	23	25½	30⅞	30½	36
Weight	9	17	23	41	46	71	89	139	232	335	550	724	898	1255	1357	2420
Cv	19	35	63	100	148	267	415	620	933	1704	2370	2781	5100	6400	7700	10510
CP	0.85	0.29	0.29	0.18	0.20	0.48	0.28	0.39	0.45	0.52	0.49	0.43	0.59	0.59	0.55	0.46

Class 600 RF

	1"	1½"	2"*	3"	4"	6"*	8"	10"*	12"*	16"
A	5¼	6⅝	7¼	8⅝	10⅛	12¾	14⅝	17⅛	21¼	26
B	4⅞	6⅛	6½	8¼	10¾	14	16½	20	22	27
Weight	11	19	25	57	115	175	332	450	840	1093
Cv	17	35	63	125	237	549	933	1620	2272	5100
CP	0.85	0.29	0.29	0.41	0.54	0.46	0.45	0.35	0.41	0.59

Class 900 RF

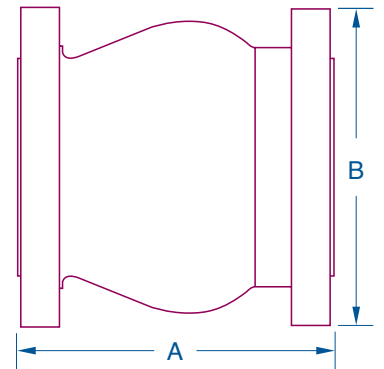
	1½"***	2"***	2½"	3"	4"***	6"***	8"*	10"*
A	7¾	8¼	9	9⅞	10⅝	13	15¼	17⅝
B	7	8½	9⅝	9½	11½	15	18½	21½
Weight	30	56	78	87	127	264	396	539
Cv	26	46	81	114	217	549	851	1499
CP	0.64	0.32	0.11	0.26	0.49	0.46	0.50	0.64

Class 1500 RF

	1½"***	2"***	2½"	3"	4"***	6"*	8"*	10"***	12"
A	7¾	8¼	9	9⅞	11¾	15⅞	17½	23	44½
B	7	8½	9⅝	10½	12¼	15½	19	23	26½
Weight	30	56	78	110	164	405	670	1281	2550
Cv	26	46	81	114	192	441	742	1231	1689
CP	0.40	0.32	0.11	.052	.067	0.42	0.55	0.53	0.60

Class 2500 RF

2"	3"*
9¼	14
9¼	12
77	218
32	77
0.47	0.43



MATERIALS OF CONSTRUCTION

COMPONENT	CARBON STEEL BODY	STAINLESS STEEL BODY
Body	A216 Grade WCB	A351 CF8M
Disc/stem assy	A351 CF8M/A479 316	A351 CF8M/A479 316
Seat ⁽¹⁾	A351 CF8M	A351 CF8M
Spring ⁽²⁾	A313 316	A313 316
Bushing	A479 316	A479 316
Gasket ⁽³⁾	CFG	CFG

- Notes: 1. Soft seats are available for bubble-tight shutoff. See page 34.
 2. Inconel® X-750 spring is available.
 3. Corrugated flexible graphite (316 graphite material) unless noted elsewhere.

CP: Cracking Pressure (psig)
 All dimensions are in inches. Weights are in pounds.
 * Buna-N (-70 to 250°F) body "O" ring seal
 ** Spiral wound gasket