



ChemTite[®] BALL VALVES

PFA Lined for Severe Duty



*Designed, Engineered,
Fluoropolymer Lined and
Assembled in the USA!*



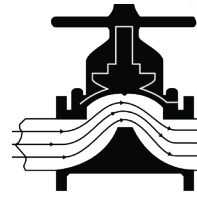
**Bubble-Tight
GUARANTEED!**

FEATURES

- Bubble-Tight Design
- Heavy Duty PFA Liner Resists Cracking
- Dovetail Locking Grooves for PFA Retention
- Size Range: 1" to 6" (Full Standard Port Design)
- Pressure Rating: Full Vacuum to 250 psi (17.23 bar)
- Operating Temperature: (-)20°F to (+)400°F
- Separate Ball and Stem Reduces Packing Side Loading
- Anti-Blowout Stem
- Cavity Filled Space Around Ball
- ASME B16.10 with ISO 5211 Mounting Pad
- Lockable Handle and Static Ground Spring (standard)
- Resistant To:
 - All acids
 - All solvents
 - All bleach solutions
 - All phenols
 - All caustics
 - All peroxides
 - All organic and inorganic chlorides & sulfates

THE ORIGINAL IN THE USA

Since 1931, Hills-McCanna[®] has earned a reputation for innovative products that serve demanding applications better than before. Today, the Hills-McCanna[®] legacy continues with the ChemTite[®] series. ChemTite[®] products are built with American quality for peace of mind and dependability in tough chemical applications.

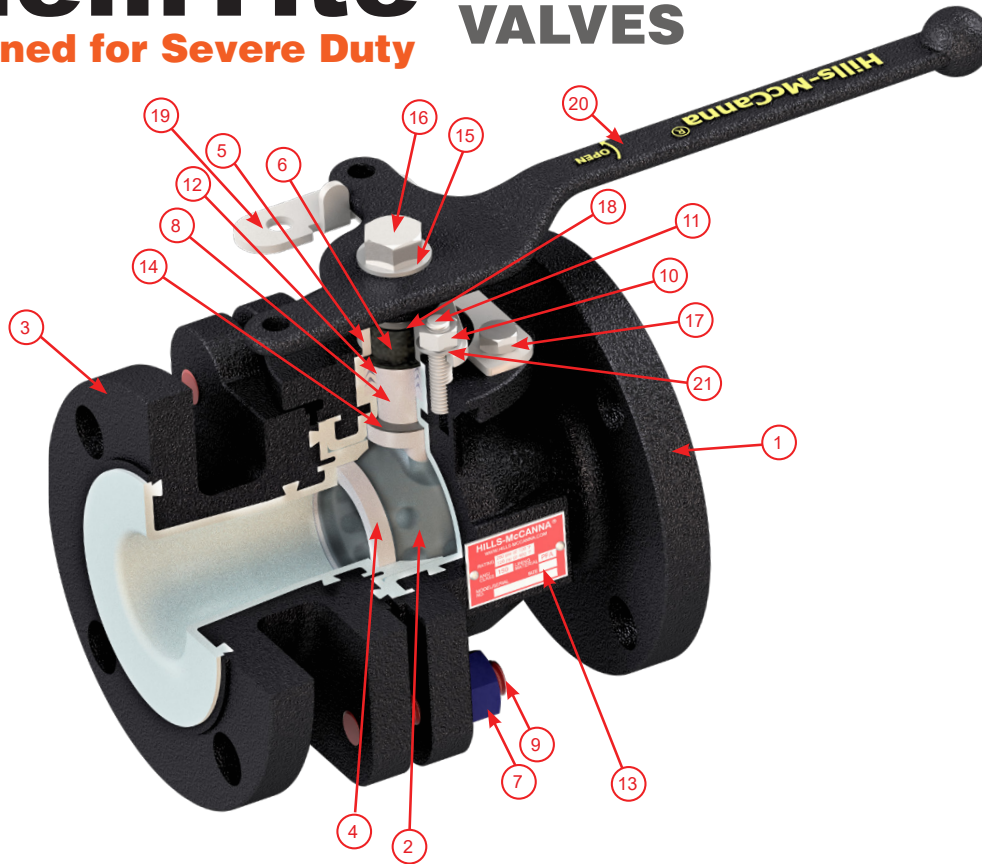


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Hills-McCanna[®]
an ANDRONACO INDUSTRIES company

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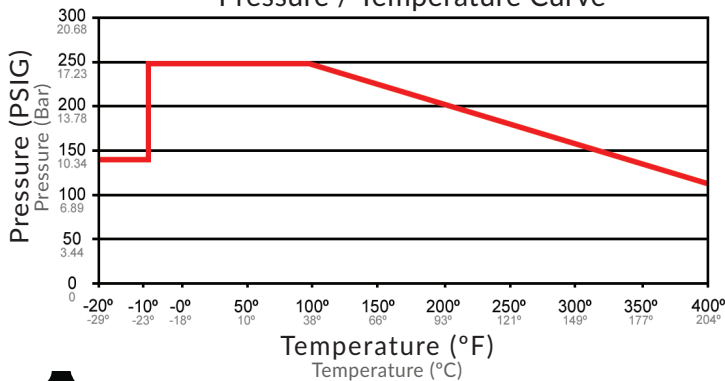
Parts List

ITEM	QTY	DESCRIPTION	MATERIAL
1	1	VALVE BODY	PFA LINED ASTM A395 DCI
2	1	BALL	PFA LINED ASTM A351, GRADE CF8 S.S.
3	1	SIDE PIECE	PFA LINED ASTM A395 DCI
4	2	SEAT	VIRGIN PTFE
5	1	PACKING GLAND	ASTM A351, GRADE CF8 S.S.
6	1	RADIAL BEARING	PTFE / GRAPHITE
7	4	HEX NUT	ASTM A194, ZINC PLATED, BLUE PTFE COATED GR.2H
8	1	STEM	PFA LINED, GR. 2205 UNS S31803
9	4	STUD	ASTM A193, ZINC PLATED, RED PTFE COATED GR.B7M
10	2	HEX NUT	ASTM A194 GR.8
11	2	STUD	ASTM A193 GR.B8
12	1	V-PACKING	VIRGIN PTFE
13	1	NAMEPLATE	304 STAINLESS STEEL
14	1	THRUST BEARING	PTFE / GRAPHITE
15	1	WASHER	304 STAINLESS STEEL
16	1	HEX BOLT	ASTM A193 GR.B8
17	2	HEX BOLT	ASTM A193 GR.B8
18	1	GROUNDING SPRING	18-8 STAINLESS STEEL
19	1	WRENCH STOP PLATE	304 STAINLESS STEEL
20	1	WRENCH HANDLE	ASTM A395 DCI
21	2	INTERNAL TOOTH LOCK WASHER	STAINLESS STEEL 18-8

Actuator Sizing

VALVE SIZE	TORQUES @ MAX. DIFF. PSI
1"	72 in. - lbs
1-1/2"	78 in. - lbs
2"	285 in. - lbs
3"	380 in. - lbs
4"	917 in. - lbs
6"	1405 in. - lbs

Pressure / Temperature Curve



Cv Data

VALVE SIZE	FULL OPEN Cv
1"	43
1-1/2"	127
2"	182
3"	350
4"	610
6"	1330



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