

ChemTite® FULL PORT BALL VALVES

PFA LINED FOR SEVERE DUTY



**Bubble-Tight
GUARANTEED!**

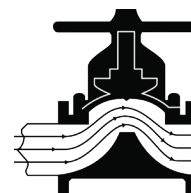
FEATURES

- Bubble-Tight Design
- One Piece Ball & Stem
- Heavy Duty PFA Liner Resists Cracking
- Dovetail Locking Grooves for PFA Retention
- Size Range: 1/2" to 6" (Full Port Design)
- Pressure Rating: Full Vacuum to 250 psi (17.23 bar)
- Operating Temperature: (-)20°F to (+)400°F
- Anti-Blowout Stem
- ASME B16.10 with ISO 5211 Mounting Pad
- Lockable Handle and Static Ground Spring
- 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.

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



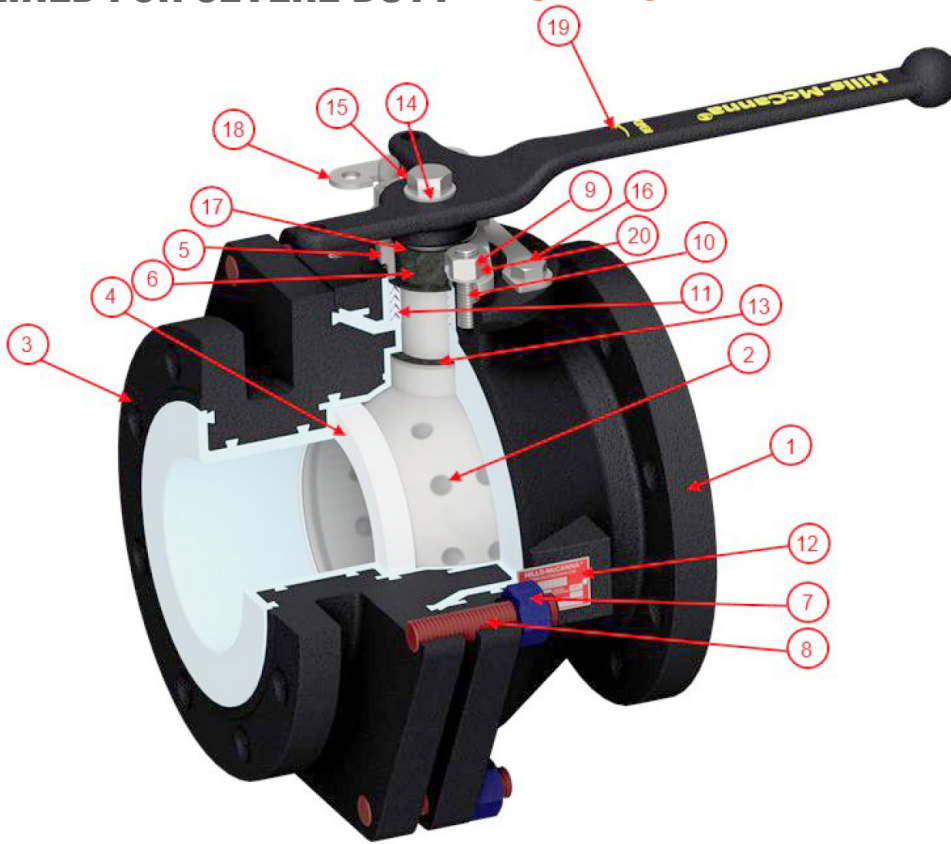
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Hills-McCanna®
an ANDRONACO INDUSTRIES company

ChemTite®

PFA LINED FOR SEVERE DUTY

BALL VALVE FULL PORT



Parts List

ITEM	QTY	DESCRIPTION	MATERIAL
1	1	VALVE BODY	PFA LINED ASTM A395 DCI
2	1	BALL / STEM COMBO	PFA LINED ASTM A995, CD4MCuN 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 OR 6	BODY HEX NUT	ASTM A194, ZINC PLATED, BLUE PTFE COATED GR.2H
8	4 OR 6	BODY STUD	ASTM A193, ZINC PLATED, RED PTFE COATED GR.B7M
9	2	PACKING HEX NUT	18-8 STAINLESS STEEL
10	2	PACKING GLAND STUD	304 STAINLESS STEEL
11	1	V-PACKING	VIRGIN PTFE
12	1	NAME PLATE	STAINLESS STEEL
13	1	THRUST BEARING	PTFE/GRAPHITE
14	1	WASHER	304 STAINLESS STEEL
15	1	WRENCH HEX BOLT	316 STAINLESS STEEL
16	2	STOP PLATE HEX BOLT	18-8 STAINLESS STEEL
17	1	GROUNDING SPRING	18-8 STAINLESS STEEL
18	1	WRENCH STOP PLATE	304 STAINLESS STEEL
19	1	WRENCH HANDLE	ASTM A395 DCI
20	2	INTERNAL TOOTH LOCK WASHER	18-8 STAINLESS STEEL

Cv Data

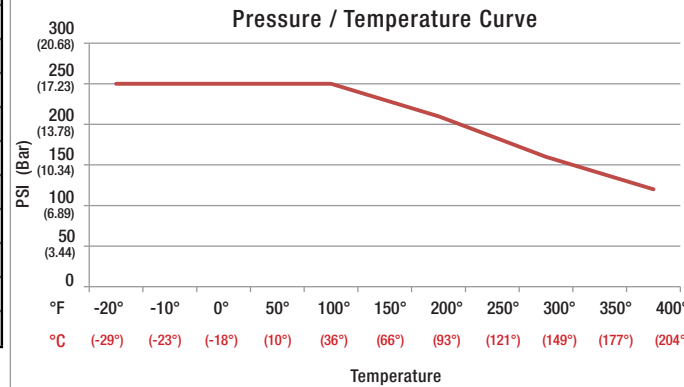
VALVE SIZE	FULL OPEN Cv
1/2"	C/F
3/4"	C/F
1"	55
1-1/2"	160
2"	275
3"	675
4"	1520
6"	3350

Actuator Sizing

VALVE SIZE	TORQUES @ 150 PSI	TORQUES @ 250 PSI
1/2"	*C/F	*C/F
3/4"	*C/F	*C/F
1"	85 in.-lbs	90 in.-lbs
1-1/2"	140 in.-lbs	170 in.-lbs
2"	265 in.-lbs	305 in.-lbs
3"	525 in.-lbs	615 in.-lbs
4"	900 in.-lbs	1100 in.-lbs
6"	2150 in.-lbs	2300 in.-lbs

*Consult Factory

Pressure / Temperature Curve



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