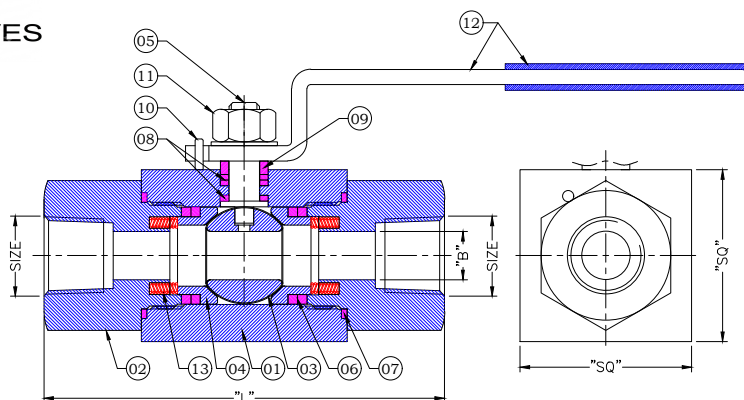




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PUNT VALVES**



SR NO.	SIZE	"L"	"SQ"	"B"
1	3/8"	95.0	35.0	10.0
2	1/2"	105.0	45.0	12.7
3	3/4"	125.0	65.0	19.0
4	1.0"	150.0	85.0	25.0
5	1-1/2"	175.0	135.0	38.0
6	2.0"	200.0	175.0	50.0

PART No.	PART DESCRIPTION	MATERIAL	QTY
1	BODY	SS 316	1
2	ADAPTER	SS 316	2
3	BALL	SS 316 + TC COATING	1
4	SEAT RING	SS 316 + TC COATING	2
5	STEM	SS 316	1
6	PRIMARY GASKET	GRAPHITE	4
7	SECONDARY GASKET	GRAPHITE	2
8	GLAND SEALS	GRAPHITE	2
9	GLAND BUSH	SS 316	1
10	STOPPER PIN	SS 316	1
11	LOCK NUT	SS 304	1
12	HANDLE WITH PVC SLEEVE	SS 304	1
13	SPRING	INCONEL 715	AS REQ

Valve Type Floating Ball (smaller sizes) or Trunnion Mounted Ball (larger sizes, high pressure)

Construction 2-Piece or 3-Piece body design (3-piece allows for easy inline maintenance)

Bore Type Full Bore (FB) or Reduced Bore (RB)

End Connection Threaded End (NPT, BSPT, BSPP, SW Screwed, etc.), conforming to standards like ASME B1.20.1 (NPT), ISO 228-1 (BSPP)

Size Range: Typically 1/4" to 2" (DN 8 to DN 50) for threaded ends

Pressure Class ASME/API Classes: Class 150, 300, 600, 800, 900/1500, 2500 (or 100 PSI to 6000 PSI WOG for smaller valves)

Temperature Range Excellent for high-temperature service: Typically up to 420°C (788°F), sometimes higher with specific trim

Seating Metal-to-Metal Sealing (often spring-loaded for tight shut-off)

Leakage Class Designed for Leakage Class I to VI (Bubble-tight shutoff)

Operation Manual (Lever) or Actuated (Pneumatic/Electric via ISO 5211 mounting pad)

Design & Test Standards: ASME B16.34, ASME B16.5, API 6D, ISO 5208, API 598



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