

HP SERIES HIGH PERFORMANCE BUTTERFLY VALVE SPECIFICATIONS



Service

ANSI CLASS 150 – 2"-72", 285 psi
ANSI CLASS 300 – 2"-48", 720 psi
ANSI CLASS 600 – 2"-24", 1480 psi

General

All valves shall be capable of bi-directional, drop tight service to rated pressure, conforming to the design standards of ANSI B16.34 steel valves and ANSI B16.5 flange mating. Valves shall be Pratt Industrial HP Series ANSI 150, 300 or 600 rated.

Valve Body

The valve body shall be constructed of carbon steel ASTM A216 WCB (or stainless steel ASTM A351, Grade flanges. Laying length shall conform to MSS-SP67, latest revision. Body, when carbon steel, shall be painted with a baked on epoxy powder coating.

Valve Seats

Seat shall be PTFE, retained in the body and be replaceable without removing the disc or stem.

Valve Disc

The disc shall be constructed of stainless steel A351-CF8M and shall be offset to provide uninterrupted 360° seating.

Valve Shaft

Valve shafts shall be 17-4 stainless steel. At the operator end of the valve shaft, a packing gland utilizing "V" type chevron packing shall be utilized.

Testing

Valves shall be tested in accordance with ANSI B16.104 Class V.



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