



STANDARD RANGE

Hobbs Valve has redesigned the basic unchanged Triple Offset Butterfly valve and incorporated new performance enhancing operational features, allowing for a more simplified manufacturing process. The result is our exclusive patented range of superior performance zero leakage bi-directional triple offset butterfly valves, suitable for extreme pressure/temperature applications.

The TVT range (Tomorrow's Valve Today) consists of 2"-48" 150, 300 & 600 lb pressure class ratings along with -196°C (cryogenic) and double block & bleed butterfly valves (see separate literature). All are manufactured in a wide range of materials from high specification metals including carbon and stainless steels, through to the high tensile or corrosion resistant aluminium bronze, 6 moly, titanium, duplex and super duplex.

 **HOBBS VALVE**
Tomorrow's Valve Today.

 **THORNE &
DERRICK
INTERNATIONAL**

Thorne & Derrick
+44 (0) 191 490 1547
www.heatingandprocess.com

ENGINEERED IN THE UNITED KINGDOM



RANGE OPTIONS



Lugged
Valve



Double Block
& Bleed



Cryo Valve

Pressure Classes & Sizes

Class 150 – 2" to 48"

Class 300 – 2" to 48"

Class 600 – 4" to 24"

Class 900 – 4" to 24" (Available on request)

Materials

Standard Carbon Steels (A216) – WCB, WCC

Low Temp Carbon Steel (A352) – LCB, LCC

Standard Stainless Steels (A351) – CF8M, CF8, CK3MCuN(6Mo)

High Temp Stainless Steels (A217) – WC6, WC9

Duplex & Super Duplex (A995) – 4A, 5A, 6A

Nickel Aluminium Bronze – BS EN 1982:CC333G, (B148) C95800

Titanium (B367) – Grade C-2

Monel® (All grades available on request)

Inconel® (All grades available on request)

Hastelloy® (All grades available on request)

Power
Generation

Oil and
Gas

Chemical and
Petrochemical

Sugar and
Alcohol

Mining and
Metallurgy

STANDARD BODY STYLES

Find out more at
www.hobbsvalve.com



Wafer Type



Wafer Lugged
Through
Drilled &
Threaded



Double Flanged
Short Pattern



Double Flanged
Long Pattern



Buttweld Style

Standard Design Codes

API STD 609	Butterfly Valves: Double Flanged, Lug- and Wafer-Type
ANSI/ASME B16.34	Valves Flanged, Threaded and Welding End
ANSI/ASME B16.10	Face to Face and End-to-End Dimensions of Valves
ANSI/ASME B16.5	Pipe Flanges and Flanged Fittings: NPS 1/2 through NPS 24 Metric/Inch Standard
ANSI/ASME B16.47	Large Diameter Steel Flanges: NPS 26 through NPS 60
ANSI/ASME B16.24	Cast Copper Alloy Pipe Flanges and Flanged Fittings: Classes 150, 300 and 600
BS EN 593	Industrial valves. Metallic butterfly valves
BS EN 1092-1	Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Steel flanges
BS EN 1092-3	Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Copper alloy flanges
BS EN 12516 Series	Industrial Valves
ISO 5752	Metal valves for use in flanged pipe systems -- Face-to-face and centre-to-face dimensions
BS EN 1626	Cryogenic vessels. Valves for cryogenic service
BS 6364	Specification for valves for cryogenic service
MSS SP-134	Valves for Cryogenic Service Including Requirements for Body/Bonnet Extensions

Steel
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PERFORMING WORLDWIDE



Tomorrow's Valve Today.



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