



PROUD TO BE DIFFERENT

- BRILLIANCE | leading through innovation.
- PERFORMANCE | fully rated, zero leakage.
- RESILIENCE | delivering extreme efficiency.
- EXCELLENCE | engineered in the United Kingdom.

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

ENGINEERED IN THE UNITED KINGDOM



BRILLIANCE



SQUARE
SHAFT

NO KEYWAYS
OR PINS

FLEXIBLE
ACTUATION

TIGHTER
THRUST PAD
TOLERANCE

SQUARE
SHAFT

NO KEYWAYS
OR PINS

FLEXIBLE
ACTUATION

CIRCULAR
DISC SINCE
2005



LEADING THROUGH INNOVATION

Out of the box thinking squares the circle

Whatever your industry, ultimate reliability is critical. That's why Hobbs developed a better valve, with innovations such as a square shaft - a valve that can be relied on to work better, hour after hour, year after year.



It's hip to be square

A square shaft makes for a superior, more reliable valve. Our design removes the need for pins and keyways that are typically used, and can result in a weaker shaft. Square is good - it's easier to clamp to, and makes maintenance fast and easy.



Patented Seat & Seal

Our innovations mean valve design, which had been static for 15 years, have taken a leap forward. The patented design eliminates the need for a gasket by using two replaceable sealing components, with only one possible gasket leak path.



Engineered in the UK

Celebrating ten years of innovation in valve technology, Hobbs is proudly based in the UK where all key engineering developments are devised, manufactured and tested. We're proud to be British.

Find out more at www.hobbsvalve.com



PERFORMANCE

A large industrial valve is the central focus, featuring a circular opening with a flange secured by numerous bolts. The valve is part of a complex network of large, polished metal pipes that curve and connect throughout the scene. The lighting is dramatic, with strong highlights and deep shadows, creating a sense of depth and scale. The overall color palette is dominated by metallic blues and greys.

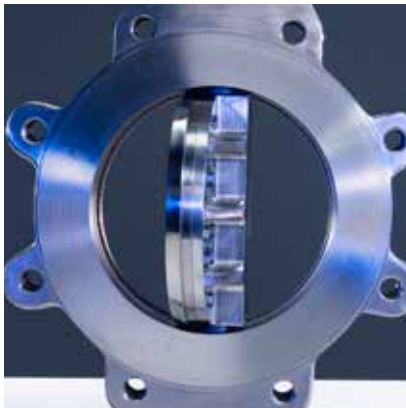
**A CRITICAL
COMPONENT**

FULLY RATED, ZERO LEAKAGE

Depend on our patented seat and seal to handle the pressure

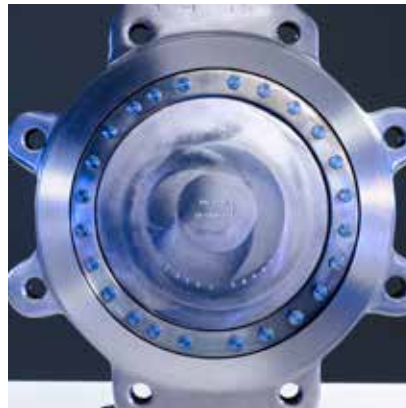
When it absolutely has to perform, you can rely on a Hobbs Valve.

Engineered better to perform better, zero leakage and long life are demands we expect you to make.



Fully Rated

A design focused on circular conical sealing technology means a better seal with max CV, that performs at 100% for longer. Many other designs use elliptical seals, which create greater drag, reducing CV and increasing wear.



Zero Leakage

Our patented seat and seal technology makes for a more reliable valve. Better by design, there is only one theoretical leak path; properly maintained and operated, a Hobbs valve means leak-free operation.



Less Downtime

When the time comes to carry out essential maintenance, the Hobbs design pays massive dividends. Components can be quickly inspected, removed and replaced, saving you valuable plant downtime.

Find out more at www.hobbsvalve.com



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 (B637) – 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 609:2004

Butterfly Valves: Double Flanged, Lug- and Wafer-Type

ANSI/ASME B16.34:2004

Valves Flanged, Threaded and Welding End

ANSI/ASME B16.10:2000

Face to Face and End-to-End Dimensions of Valves

ANSI/ASME B16.5:2009

Pipe Flanges and Flanged Fittings: NPS 1/2 through NPS 24 Metric/Inch Standard

ANSI/ASME B16.47:2006

Large Diameter Steel Flanges: NPS 26 through NPS 60

ANSI/ASME B16.24:2006

Cast Copper Alloy Pipe Flanges and Flanged Fittings: Classes 150, 300 and 600

BS EN 593:2004

Industrial valves. Metallic butterfly valves

BS EN 1092-1:2007

Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Steel flanges

BS EN 1092-3:2003

Flanges and their joints. Circular flanges for pipes, valves, fittings and accessories, PN designated. Copper alloy flanges

BS EN 12516:2005 Series

Industrial Valves

ISO 5752:1982

Metal valves for use in flanged pipe systems -- Face-to-face and centre-to-face dimensions

BS EN 1626:2008

Cryogenic vessels. Valves for cryogenic service

BS 6364:1984

Specification for valves for cryogenic service

MSS SP-134-2006a

Valves for Cryogenic Service Including Requirements for Body/Bonnet Extensions

Steel
Mill

Pulp and
Paper

Water and
Sewage

Defence

Nuclear

RESILIENCE



DELIVERING EXTREME EFFICIENCY

The first call for reliability in harsh industrial environments

Judge us by the company we keep. Hobbs valves are in use across the globe, specified by industry leaders in a wide range of sectors.



Some of the industries that depend on Hobbs Valve:

Power Generation

Oil and Gas

Chemical and Petrochemical

Sugar and Alcohol

Mining and Metallurgy

Steel Mill

Pulp and Paper

Water and Sewage

Defence

Nuclear



Find out more at www.hobbsvalve.com

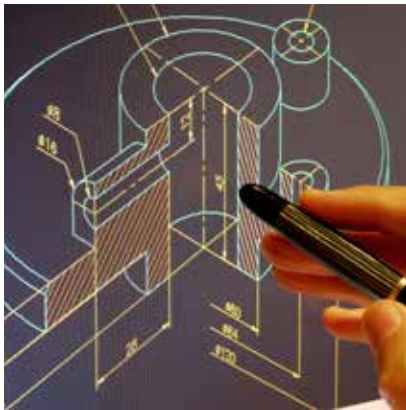
EXCELLENCE



ENGINEERED IN THE UNITED KINGDOM

An uncompromising approach to delivering a better valve

Our role is simple, to deliver the best valves we can. A patented design, with innovative features that mean greater flow rate efficiency in use, and lower maintenance costs and downtime. Hobbs Valve, proud to be different.



Design

The latest CAD modelling technology ensures Hobbs is constantly developing its leading edge designs.



Quality

Consistently audited production ensures Hobbs valves are made from the highest quality of materials and components.



Manufacture

In-house manufacture ensures the tightest tolerances. Rely on our engineering to deliver ultimate reliability for you.



Patent Numbers: EP 2059697
GB Pending 1016971.2
US Pending 12/295156

Environment

Hobbs valves are designed to minimise the materials and energy used in their manufacture. We have clear objectives and action plans all focussed upon the reduction of any impact that our operations may have upon our environment.

Find out more at www.hobbsvalve.com





PATENTED SEAT & SEAL



PERFORMING WORLDWIDE

 **HOBBS VALVE**

Tomorrow's Valve Today.


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 Printed upon 100% post consumer recycled paper, using chemical free environmentally friendly processes.



Find out more at
www.hobbsvalve.com

www.horizondmi.co.uk