Brands

Anderson Greenwood
Anderson Greenwood Instrumentation
Biffi Actuators
Clarkson
Crosby
Dewrance
Fasani
FCT
Gulf Valve
Hancock
Hovap
Intervalve
Keystone Controls
Keystone Valves
KTM
L&M Valve
Lunkenheimer
MCF Valves
Morin Actuators
Neotecha
Penberthy
Prince
Raimondi
Rovalve
Sempell
Tyco
Vanessa
Varec
Vonk
Westlock
Yarway

Type 4000

Type 5500

Ball Valve

HANCOCK

Since 1877, more than a century of pioneering and development in the field of high pressure/high temperature valves for critical services has kept Hancock the industry leader in forged steel valves. Continuing research, backed by long years of competent engineering skill, has made possible an understanding of industry problems second to none. Hancock will continue to fill the requirements of the industries it serves. Quality is the Hancock watch word. The Hancock tradename has come to be identified as the standard for quality. Despite a flood of “low priced” competition, Hancock has never compromised on quality. The industry has responded by continuing to specify Hancock valves for demanding services, confident that the resultant long service life and savings in operating expenses will more than justify the investment.

Blowdown Valves

Featuring a rugged design, the Hancock High Pressure Drop Continuous Blowdown valve is second to none. It is designed, manufactured and tested in strict compliance with the requirements of ASME/ANSI B16.34, as well as the ASME Boiler and Pressure Vessel Code, Section 1.

- Integral Forged Bonnet and Yoke
- Extra Heavy Body and Bonnet Flanges
- High Temperature/ High Strength Bolting
- Outside Screw and Yoke Construction
- ASME Materials, Graphite Packing Standard

Instrument Valves

The Type 8130 Hancock forged steel 2500 class instrument valves are T-Type and available in both screwed and socket end for pressures up to 6000 PSIG at 100ºF. Applications include: instrument panels, gauge isolation, gauge & instrument bypass, metering, regulator load & bleed, and drains & vents.

- Top Entry
- Stainless Steel Discs
- Integral Hardened Seats
- Strong Forged Yoke Structure
- Ease of Packing
- Corrosion Resistant Trim

Forged Steel Gate Valves

The type 950 gate valves are available in 1/2 thru 3 inch line sizes, 150 thru 800 ANSI Class ratings and in a variety of body and trim materials. Two inch and smaller valves are available with threaded or socket weld end connections as standard. Applications include: vents, drains, and isolation of compressors, condensers, heaters, pumps, water lines, heat exchangers, bypass lines, flash tanks, control valves, etc.

- Wear/Thrust Washers
- Double Acme Stem Thread
- Gland/Gland Flange
- Integral Bonnet & Yoke
- High Strength Bonnet Bolting
- Body-Bonnet Joint
- Forged Body & Bonnet
- Fixed Back Seat
- Rugged Stem-Wedge Connection
- Renewable, Hard Faced Seats

Check Valve

Isolation Valve

T-Pattern Globe Stop Valves

Direct contact, metal-to-metal seating, make the globe valve ideal for most shutoff applications. Although most types of globe valves do not have the high flow capacity of a gate or ball valve, the basic design eliminates the inherent wedge gate valve problem of "wedge sticking" caused when high thermal transients or piping load stresses exert such force that the valve won't open. Positive, direct closure discs allow for accurate control over the initial portion of stem travel, permitting smooth, linear flow, thereby preventing mechanical and/or thermal shock to the valve, down stream piping or expensive machinery. Applications include: Tight shutoff, high pressures and temperatures, slow initial opening times, throttling on initial start-up or shutdown, rapid actuation or high speed remote operation, valve operation during, or after, high thermal or piping stress transient conditions, isolation, draining, venting or filling at high pressures and/or temperatures, while having to maintain tight shutoff at maximum operating conditions, pressure or temperature equalizing of systems or large valves.

- Rugged Malleable Iron T-Handle
- Silicon Brass Thread Bushing
- Acme Threads
- Standard Hex Gland Nuts
- Forged Steel Gland Flange
- Rugged Stainless Steel Stem
- "No-Bonnet Joint" Design
- Forged Steel Construction
- Precision Machined Disc Assembly
- Stellite Disc Pad Bearing

Flow Control Valves

Hancock ANSI 800 Class valve has a very rugged design. Full code compliance is standard on all Hancock valves. It is a combination valve and flow control instrument equipped with a special micrometer dial and pointer for very precise valve settings by the operator.

- Integral Forged Bonnet and Yoke
- Extra Heavy Body and Bonnet Flanges
- High Temperature/ High Strength Bolting
- Outside Screw and Yoke Construction
- ASME Materials
- High Temperature Graphite Packing
- V-Port Design

Y-Pattern Valves

Hancock 4000 Series Y-Pattern Globe Stop, Lift Check and Stop Check valves combine the strength of drop forgings with a streamlined flow path to create the optimum in high pressure containment devices.

- Fully Trapped Graphite Gaskets
- Controlled Gasket Compression
- Outside Stem and Yoke Construction
- Flat seats
- Velocity Reduction Chamber
- Graphite Packing
- High Temperature/Pressure Bolting

Angle Pattern Globe Stop Valves

The greatest attribute of the angle globe valve is its right angle body configuration. This body form permits higher flow rates and enhances the valve's ability to pass large particulates with only one change of direction, which helps protect the body walls and seating surfaces from erosion. In addition, and perhaps more importantly, the angle body configuration allows the valve to be used in place of the usual pipe elbow, not only eliminating the elbow, but in the case of welding end valves, the two extra required welds, as well as any mandatory stress relieving and/or radiographic examinations. Applications include: tight shut-off high pressures and temperatures, slow initial opening times, throttling on initial start-up or shutdown, rapid actuation or high speed remote operation, valve operation during or after high thermal or piping stress transient conditions.

- Rugged Malleable Iron T-Handle
- Silicon Brass Thread Bushing
- ACME Threads
- Standard Hex Gland Nuts

- Forged Steel Gland Flange
- "No Bonnet Joint" Design
- Forged Steel Construction
- Renewable Hard Faced Seats

Literature (pdf)
Brochures
Installation & Maintenance

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