



Valve Product Line Overview

Bellows Seal

Bronze

Cast Steel (Bolted Bonnet)

Corrosion Resistant

Cryogenic

Dual Plate Check

Forged Steel

High Performance Butterfly

Iron

Non Return Stop Check

Pressure Seals

New Products In Development



**POWELL
VALVES**

Valve Performance, Global Service + ROI = Powell Valves

Powell Valves is a global valve company offering NextGen valve design engineering and manufacturing with offices worldwide. We provide wide-ranging products and services to the gas and oil, chemical, power, paper and refining industries with expert knowledge and highly advanced engineered valve systems for critical control and safety applications.

NextGen Powell Engineering is all about environmental stewardship. Using Chesterton's award-winning 1622 Low E Packing, our valves will perform at the latest EPA requirement of 100 ppm or less for fugitive emissions. We back it up with a warranty on the Eco624 valve packing against leaks in excess of 100 ppm for five years.

With Powell Valves, you can:

- Meet the new API 624 standards and comply with the conditions of an EPA consent decree.
- Reduce your leak detection and repair (LDAR) monitoring for valves.
- Lower your costs by reducing product loss.

Our valves exceed emissions requirements for the refining, chemical and petrochemical industries. That's what you'd expect from a company committed to making our planet a better place to live. See more at www.PowellValves.com.

REAL PERFORMANCE. REAL ADVANTAGE.

Valve-Modification Capabilities:

Our service doesn't stop at the sale. We doubled the size of our modification/distribution operation. Valve modifications can include trim changes, drain connections and bypasses, and packing and gasket changes. Our API 598-based testing facility includes a portable spectrograph and portable positive material identification (PMI) processes.



Bellows Seal

Products: Bellows Gate and Globe (Forged and Cast Steel)

Size Range: 1/2" to 12"

Pressure Class: 150, 300, 600, 800, 1500

Materials: WCB, A105, F22, F11, F5, F9, 316, 316L, 304, 304L, F91, and Special Alloys



Cryogenic

Products: Gate, Globe, Checks (ASME B16.34, API 600, API 603)

Size Range: 1/2" to 30"

Pressure Class: 150, 200, 300, 600, 900, 1500

Materials: Bronze, WCB, WCC, WC6, WC9, C5, C12, LCC, LCB, 316, 316L, 304, 304L, A-20, Monel, Hastelloy C, Hastelloy B, Nickel, and Special Alloys



Iron

Products: Gates, Globes, Checks

Size Range: 1/8" to 60"

Pressure Class: 125, 250

Materials: ASTM A126 Class B and 3% Nickel Iron



Bronze

Products: Gates, Globes, Checks

Size Range: 1/8" to 24"

Pressure Class: 125, 150, 200, 300

Materials: ASTM B-61 and ASTM B-62



Cast Steel (Bolted Bonnet)

Products: Gate, Globe, Checks

(API 600, ASME B16.34)

Size Range: 1" to 60"

Pressure Class: 150, 300, 600, 900, 1500, 2500

Materials: WCB, WCC, WC6, WC9, C5, C12, C12A, LCC, LCB, 316, 316L, 304, 304L, A-20, Monel, Hastelloy C, Hastelloy B, Nickel, and Special Alloys

- API RP591 Approved
- API 624



Corrosion-Resistant

Products: Gate, Globe, Checks

(API 600 and API 603, ASME B16.34)

Size Range: 1/8" to 60"

Pressure Class: 150, 200, 300, 600, 900, 1500, 2500

Materials: 316, 316L, 304, 304L, A-20, 317, 317L, 347, 321, Monel, Hastelloy C, Hastelloy B, Inconel, Titanium, Duplex Stainless, and Special Alloys

- API RP591 Approved
- API 624



Dual Plate Check

Products: Lug & Wafer (API 594)

Size Range: 2" to 42"

Pressure Class: 150, 300, 600

Materials: WCB, 316, 304, A-20, Monel, Hastelloy C, Hastelloy B, Nickel, and Special Alloys



Forged Steel

Products: Gate, Globe, Swing/Lift/Ball Check, Needle Globe (API 602)

Size Range: 1/4" to 2"

Styles: Welded & Bolted Bonnet

End Type: Threaded, SWE, BWE, and Flanged

Pressure Class: 150, 300, 600, 800, 900, 1500, 1690, 2500, 2680

Materials: A105, F22, F11, F5, F9, 316, 316L, 304, 304L, F91, and Special Alloys

- API RP591 Approved
- API 624



High-Performance Butterfly

Products: Lug & Wafer (API 609)

Size Range: 2" to 42"

Pressure Class: 150, 300, 600

Seat Designs: Soft

Materials: WCB, 316, 304, A-20, Monel, Hastelloy C, Hastelloy B, Nickel, and Special Alloys



Non-Return Stop Check

Products: Non Return Globe (API 600)

Size Range: 4" to 12"

Styles: Angle and Upright

End Type: Flanged or Butt Weld

Pressure Class: 300, 600

Materials: Cast Carbon and Stainless Alloy Steel Materials



Pressure Seals

Products: Flexible Wedge Gate, Tilting Disc Check, Parallel Slide Gate, Globes, Checks, & Non-Return Valves (ASME B16.34, API 600)

Size Range: 2" to 42"

Pressure Class: 600, 900, 1500, 2000, 2500, 4500

Materials: WCB, WCC, WC6, WC9, C5, C12, C12A, LCC, LCB, 316, 316L, 304, 304L, A-20, Monel, Hastelloy C, Hastelloy B, Nickel, and Special Alloys

New Products in Development:

- Trunnion Mounted Ball Valves
- Triple Offset Butterfly Valves
- Ball Valves
- API 6D Gate Valves

Inventory:

Powell maintains more than \$35 million of valve inventory to service the flow-control industry.

Automation:

Pneumatic, Electric, Hydraulic, and Electro Hydraulic

Manufacturing, Sales and Distribution Centers:

Global Corporate Headquarters

2503 Spring Grove Ave.
Cincinnati, OH 45214
513.852.2000
Sales and Engineering
800.888.2583

Powell South Carolina

Manning Manufacturing and Distribution Center
1567 Joe Rogers Jr. Blvd.
Manning, SC 29102

Orangeburg Manufacturing and Distribution Center
940 Cross Creek Road
Orangeburg, SC 29115

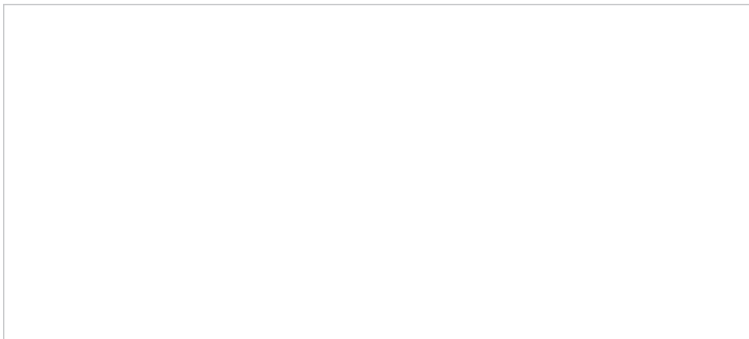
Powell Texas

Houston/Stafford Sales and Distribution Center
Freeport Ninety Business Park
13843 N. Promenade Blvd.
Building 5, Suite 650
Stafford, TX 77477
800.888.2583

Powell China

Yancheng Manufacturing, Sales and Distribution Center
Yancheng City, China

Distributed by:



*The Wm. Powell Company
2503 Spring Grove Ave.
Cincinnati, OH 45214
USA Phone: 513.852.2000, Fax: 513.852.2997
www.powellvalves.com
quotes@powellvalves.com*