



PETROL VALVES

valves

WWW.PETROLVALVES.COM

GATE ▶ SLAB GATE

DOUBLE EXPANDING GATE ▶ PARALLEL SLIDE GATE

BALL ▶ GLOBE ▶ CHECK ▶ CHOKE ▶ ORIFICE FITTINGS

UNEQUALLED CAPABILITY

SPECIALTY VALVES FOR CRITICAL SERVICE

PETROLVALVES is a leading manufacturer of valves for the oil and gas industry. Formed in 1956, PetrolValves is privately held and has grown to a medium size company with sales, service and manufacturing facilities throughout the world. We have a direct presence in the United States, Mexico, Norway, United Kingdom, France, Italy, Algeria, Saudi Arabia, and Singapore.

Our continuous investment in the development of new technology has resulted in the growth and ongoing success of our company. PetrolValves line of production includes some of the most sophisticated valve products in the world. Although we supply commodity valves, PetrolValves strategy has always been focused on the development of custom or niche products designed according to customers' specific requirements. By developing exclusive products, we have distinguished ourselves and gained prominence within this competitive industry. Some of our clients include: BP, Shell, ConocoPhillips, ChevronTexaco, ExxonMobil, Esso, Statoil, Repsol YPF, Aramco, Total Fina Elf, PDVSA, Pemex and Petrobras.

Valves PETROLVALVES

GENERAL RANGE OF PRODUCTION Our scope of custom production is focused in the following areas: Refining, Petrochemical, Power Generation, Offshore Platform and Subsea, Oil and Gas Transportation and Production. Areas of specialization include Hydrofluoric Acid (Alkylation), cryogenic (LNG), and Hydrogen Processes. PetrolValves production starts from 1/2" and extends to 110" valves with pressure ratings of ANSI 150 to 4500 and API 2000 to 20,000. PetrolValves range of production includes the use of such unique materials as Super Duplex, Duplex, 6MO, Monel, Incoloy 825, Inconel and many other alloys.

ENGINEERING PetrolValves in-house Engineering Department consists of 29 full-time engineers with diverse backgrounds to accommodate the custom needs of our clients. Our engineers use the latest technology software such as Finite Element Analysis (FEA), and 3-D stress calculation to execute the most sophisticated structural, thermal and thermohydraulic analysis.

QUALITY CONTROL In order to ensure that PetrolValves is meeting or surpassing all requirements and standards by the various governing entities, PetrolValves has had its comprehensive Quality System Manual qualified and certified by the Lloyd's Register to BS EN ISO 9001. This Quality System Manual, which clearly outlines internal procedures, is available for review as well as our ISO 9001, API 6D/6A, and CE (PED) Certifications.



BOLTED BONNET WEDGE

SIZE

1/2" - 80"

PRESSURE CLASS

ANSI 150-4500 // API 2000-10000



PRESSURE SEAL WEDGE

SIZE

2" - 30"

PRESSURE CLASS

ANSI 600-4500 // API 2000-15000



**THROUGH CONDUIT SLAB
SOFT SEATED**

SIZE

2" - 60"

PRESSURE CLASS

ANSI 150 -4500 // API 2000 - 20000

METAL SEATED

SIZE

2" - 60"

PRESSURE CLASS

ANSI 150 -4500 // API 2000 - 20000

CHECK



**BOLTED BONNET
SWING CHECK**

SIZE

1/2" - 80"

PRESSURE CLASS

ANSI 150-2500 // API 2000-15000



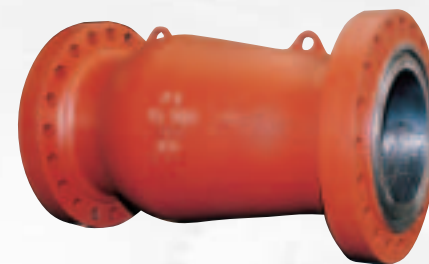
**PRESSURE SEAL
TILTING DISC CHECK**

SIZE

2" - 80"

PRESSURE CLASS

ANSI 600-4500 // API 2000-15000



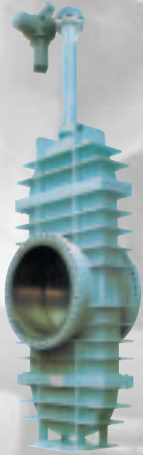
NOZZLE CHECK

SIZE

2" - 60"

PRESSURE CLASS

ANSI 150-4500 // API 2000-15000



**THROUGH CONDUIT SLAB
FABRICATED BODY**

SIZE

12" – 80"

PRESSURE CLASS

ANSI 150-600 // API 2000-10000

WAFFER STYLE (NOT SHOWN)

SIZE

2" – 110"

PRESSURE CLASS

ANSI 150-300



**THROUGH CONDUIT
DOUBLE EXPANDING**

SIZE

2" – 60"

PRESSURE CLASS

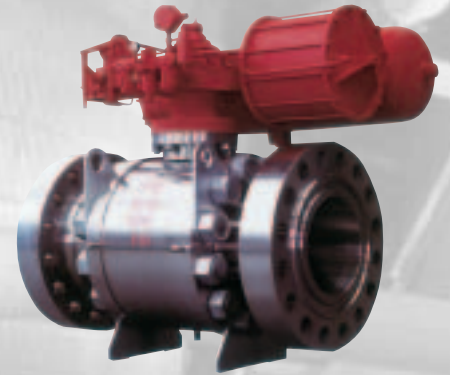
ANSI 300-4500 // API 2000-20000

**PARALLEL SLIDE
(NOT SHOWN)**

SIZE

2" – 36"

ANSI 150-600



SPLIT BODY

SOFT SEATED

SIZE

1/2" – 80"

PRESSURE CLASS

ANSI 150-4500 // API 2000-10000

METAL SEATED

SIZE

1/2" – 56"

PRESSURE CLASS

ANSI 150-2500 // API 2000-15000



DUAL PLATE CHECK

SIZE

2" – 80"

PRESSURE CLASS

ANSI 150-4500 // API 2000-15000



BOLTED BONNET

SIZE

1/2" – 30"

PRESSURE CLASS

ANSI 150-4500 // API 2000-15000



PRESSURE SEAL

SIZE

2" – 30"

PRESSURE CLASS

ANSI 600-4500 // API 3000-15000

BALL



TOP ENTRY

SOFT SEATED

SIZE

1/2" - 60"

PRESSURE CLASS

ANSI 150-2500 // API 2000-15000

METAL SEATED

SIZE

1/2" - 56"

PRESSURE CLASS

ANSI 150-4500 // API 2000-20000

CHOKE



THREE WAY

SIZE

2" - 48"

PRESSURE CLASS

ANSI 150-4500 // API 2000-15000



CAGE OR PLUG

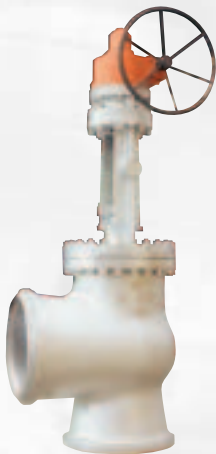
SIZE

1" - 14"

PRESSURE CLASS

ANSI 150-4500 // API 2000-20000

BOBE



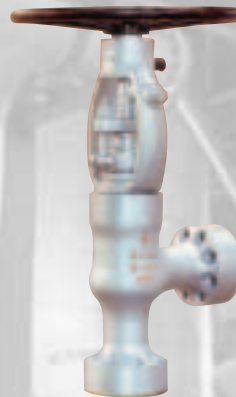
ANGLE BOLTED BONNET

SIZE

2" - 36"

PRESSURE CLASS

ANSI 150-4500 // API 2000-15000



ANGLE PRESSURE SEAL

SIZE

2" - 36"

PRESSURE CLASS

ANSI 600-4500 // API 2000-15000

ORIFICE FITTINGS



PRESSURIZED



DEPRESSURIZED

ORIFICE FITTINGS

PRESSURIZED

SIZE

2" - 80"

PRESSURE CLASS

ANSI 150-2500 // API 2000-10000

DEPRESSURIZED

SIZE

2" - 80"

PRESSURE CLASS

ANSI 150-4500 // API 2000-10000

SPECIALITY APPLICATIONS



CRYOGENIC SERVICE - Temperatures to minus 196 C // minus 320 F

- Gate
- Globe
- Check
- Ball

Full Product Range Availability to 36",
Pressure Classes to ANSI 2500

HIGH TEMPERATURES

- Ball Valves
Trunnion Mounted: up to 400 C // 705 F
Floating: up to 650 C // 1200 F
and up to 900 C // 1650 F with Ceramic Trim
- Gate Valves*
Double Expanding*: up to 400 C // 750 F
Wedge and Slab: up to 650 C // 1200 F
Globe and Check: up to 650 C // 1200 F

* With double block and bleed capability

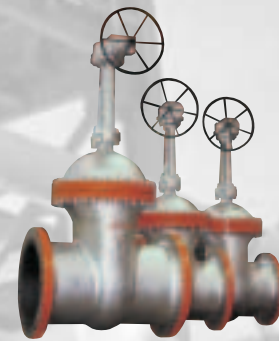
SPECIALITY APPLICATIONS



SUBSEA

- Ball
- Gate
- Check

PetrolValves has extensive experience in engineering and producing 'fit for purpose' designs for the arduous conditions encountered with high pressures in ultra deep water depths (Currently qualified to 2500 meters). As depths continue to increase, PetrolValves has the experience to meet our customers' requirements.



HYDROFLUORIC ACID PROCESSING (HF)

- Gate
- Globe
- Check

PetrolValves is Certified by UOP and Phillips for the Complete Range of Sizes and Pressure Classes.

TROLL PROJECT - NORWAY

- OIL AND GAS TREATMENT AND TRANSPORTATION
- BALL, WEDGE GATE, EXPANDING GATE VALVES
- 11,000 VALVES SUPPLIED

ASGARD/EUROPIPE PROJECT - NORTH EUROPE

- GAS TRANSPORTATION
- BALL, EXPANDING GATE, T.C. GATE, SUBSEA VALVES

MARDI GRAS TRANSPORTATION SYSTEM

- GULF OF MEXICO SUBSEA BALL VALVES

SHEARWATER PROJECT - NORTH SEA

- OFFSHORE OIL AND GAS
- DOUBLE EXPANDING GATE AND CHECK VALVES
- API 6A, API 6D - 12,500 PSI

HAWIYAH PROJECT - SAUDI ARABIA

- GAS DEVELOPMENT PROJECT
- BALL, WEDGE GATE, MOTOR OPERATED VALVE

PIGAP PROJECT - VENEZUELA

- HIGH PRESSURE GAS INJECTION
- BALL, GLOBE, T.C. GATE VALVES
- 1850 VALVES SUPPLIED

SHELL MALAMPAYA - PHILIPPINES

- ONSHORE GAS PLANT
- GATE, GLOBE, CHECK VALVES

PTT UNGULL - INDONESIA

- MERAK REFINERY - HF PLANT
- GATE, GLOBE, CHECK VALVES
- 1200 VALVES SUPPLIED

highlights

PETROL VALVES PROJECT

IN-HOUSE CAPABILITIES:

Finite Element Analysis, Fire Testing, High Pressure Testing, Stress Testing, Cryogenic Testing, Helium Testing, Bend Testing

VARIOUS MATERIAL CONSTRUCTIONS FIT FOR PURPOSE:

Carbon, Stainless, Alloy, Duplex and Exotic Steels

OVERLAY AND HARDFACINGS:

Stainless Steel, Stellite, Inconel, Tungsten Carbide, Chromium Carbide; others upon request

HYDROFLUORIC ACID (HF) PROCESSING VALVES - APPROVED FOR UOP & PHILLIPS LICENSED PROCESSES

API 6D

API 6A

API 600

ISO 9001

API 17D

CE (PED)



42" CLASS 1500 DOUBLE EXPANDING GATE VALVE

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