



Product Catalogue

Industrial Valves, Actuation & Pipeline Products

Ball · Gate · Globe · Check · Butterfly · Control · API 6A · Oilfield & more

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FORGED STEEL FITTINGS ASME

PRPLZ013

45° Elbow

Forged steel 45 degree elbow for direction changes in high pressure pipework.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework



FORGED STEEL FITTINGS ASME

PRPLZ014

90° Elbow

Forged steel 90 degree elbow for right-angle direction changes in high pressure pipework.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework



BULL PLUGS

PRPLZ291

Bull Plug

A forged bull plug used to seal the end of a threaded pipe or fitting, providing a robust pressure-tight closure.

Size Range	1/2" to 4"
Pressure Rating	Up to 6,000 PSI (type dependent)
End Connections	Male NPT / line pipe thread
Body Material	Forged carbon / alloy steel
Operation	N/A (fitting)
Design Standard	API / ASME B16.11

FORGED STEEL FITTINGS ASME

PRPLZ008

Coupling

Forged steel full coupling for joining threaded or socket weld pipe to ASME B16.11.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework



FORGED STEEL FITTINGS ASME

PRPLZ010

Cross

Forged steel cross fitting for four-way connections in high pressure piping.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework



FORGED STEEL FITTINGS ASME

PRPFL088

Forged Pipe Fittings

High-pressure forged steel pipe fittings and couplings made to ASME B16.11 for threaded and socket-weld pipework.

Pressure Rating	Class 2000 / 3000 / 6000
End Connections	Threaded (NPT) and socket weld
Body Material	Forged steel
Operation	N/A (pipe fitting)
Design Standard	ASME B16.11 / MSS-SP-79/83/95/97 / BS3799
Applications	Suited to oil and gas, petrochemical and power plant piping, plus general high-pressure process systems using threaded or socket-weld connections.



GREASE FITTINGS & DRAIN VALVES

PRPLZ292

Grease Fitting and Drain Valve

Grease fittings and small drain/bleed valves used for valve lubrication and the controlled draining or venting of pipework.



Size Range	1/8" to 1"
Pressure Rating	Up to 10,000 PSI (type dependent)
End Connections	Threaded
Body Material	Forged carbon / stainless steel
Operation	Manual
Design Standard	Manufacturer / API

FORGED STEEL FITTINGS ASME

PRPLZ012

Hex Bushing

Forged steel hex bushing for reducing threaded connections in high pressure systems.



Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework

FORGED STEEL FITTINGS ASME

PRPLZ007

Hex Head Plug

Forged steel hex head plug for sealing threaded pipe ends in high pressure systems.



Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework

OIL COUNTRY FITTINGS

PRPLZ293



Oil Country Fitting

Forged oil country tubular fittings used to connect, adapt and terminate threaded oilfield pipework and tubing.

Size Range	1/2" to 4"
Pressure Rating	Up to 10,000 PSI (type dependent)
End Connections	API / NPT / line pipe threads
Body Material	Forged carbon / alloy steel
Operation	N/A (fitting)
Design Standard	API / ASME

FORGED STEEL FITTINGS ASME

PRPLZ011



Outlet

Forged steel branch outlet for welded branch connections on run pipe.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework

PIPE NIPPLES

PRPLZ294



Pipe Nipple

Carbon and stainless steel pipe nipples for short threaded or welded connections in industrial and oilfield piping.

Size Range	1/8" to 6"
Pressure Rating	Schedule dependent
End Connections	Threaded / plain end
Body Material	Carbon / stainless steel
Operation	N/A (fitting)
Design Standard	ASME B36.10 / B1.20.1

GASKETS

PRPLZ295

Ring Joint Gaskets

Metal ring joint gaskets (RTJ) that provide a high-integrity metal-to-metal seal for high-pressure, high-temperature flanged connections.

Size Range	R-11 to R-105 (per ASME B16.20)
Pressure Rating	ASME Class 150 to 2500 / API 6A
End Connections	RTJ flange grooves
Body Material	Soft iron, low-carbon steel, 304/316 stainless, Monel
Design Standard	ASME B16.20 / API 6A
Applications	High-pressure flanged and wellhead connections



GASKETS

PRPLZ296

Spiral Wound Gaskets

Spiral wound gaskets combining a metal winding with a soft filler for resilient, high-performance sealing of flanged joints.

Size Range	1/2" to 24"
Pressure Rating	ASME Class 150 to 2500
End Connections	Raised-face / flat-face flanges
Body Material	304/316 SS winding with graphite or PTFE filler, CS outer ring
Design Standard	ASME B16.20
Applications	Process, refinery and pipeline flanged joints



SWAGE NIPPLES

PRPLZ297

Swage Nipple

A swaged reducing nipple that connects two different pipe sizes in a compact, forged one-piece fitting.

Size Range	1/2" x 1/4" to 6" x 4"
Pressure Rating	Schedule dependent
End Connections	Threaded / bevel / plain
Body Material	Forged carbon / alloy / stainless steel
Operation	N/A (fitting)
Design Standard	ASME B16.11 / MSS SP-95



FORGED STEEL FITTINGS ASME

PRPLZ009



Tee

Forged steel equal tee for 90 degree branch connections in high pressure pipework.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework

THERMOWELLS

PRPLZ298



Thermowell

A thermowell that protects temperature sensors from process media while allowing accurate temperature measurement and sensor removal under pressure.

Size Range	Stem to suit; process 1/2" to 2"
Pressure Rating	To process rating
End Connections	Threaded / flanged / weld-in
Body Material	Stainless steel / alloy
Operation	N/A (instrument fitting)
Design Standard	ASME PTC 19.3

FORGED STEEL FITTINGS ASME

PRPLZ015



Union

Forged steel union for quick assembly and breakdown of threaded pipe joints.

Size Range	1/8" to 4"
Pressure Rating	Class 2000, 3000 and 6000 LB
End Connections	Threaded (NPT) and socket weld to ASME B16.11
Body Material	Forged carbon steel A105 (stainless steel available on request)
Design Standard	ASME B16.11
Applications	Oil and gas, petrochemical, industrial processing, power generation, water and utility pipework

Actuators

6 products



VALVE OPERATORS

PRPLJ002

CK50 / CK70 / CK90 Series Valve Actuators

CK50 / CK70 / CK90 series gear operators for large valve automation.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



CONTROL VALVE ACTUATORS

PRPLJ001

CV / CF Regulating Valve Series

CV / CF series regulating valves for automated flow and pressure control.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



BUTTERFLY VALVE ACTUATORS

PRPFL001

Hand Lever / Worm Gear / Pneumatic / Electric Operator

Complete range of manual and automated operators for Purple Valves butterfly valves.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

VALVE OPERATORS

PRPFL004

Outlet Worm Gear Head

A worm gearbox operator that converts handwheel effort into high torque for smooth, controlled valve operation.

End Connections Valve-mounted (ISO5211)

Operation Manual (handwheel via worm gear)

Applications Torque multiplication and controlled operation of large butterfly, ball and gate valves in water and industrial service.



PNEUMATIC ACTUATORS

PRPFL003

P54-5 AT Series Pneumatic Actuator

An AT series rack-and-pinion pneumatic actuator that converts compressed air into reliable quarter-turn valve motion.

End Connections Valve-mounted (ISO5211)

Operation Pneumatic (compressed air)

Applications Automated control of ball and butterfly valves in water, fire-fighting and oil and gas process systems.



ELECTRIC ACTUATORS

PRPFL002

P54-6 QT Series Electric Actuator

Quarter-turn electric actuator for automated ball and butterfly valve operation.

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



Air Valves

7 products



COMBINATION AIR VALVES

PRPFL007

Air Valve 01 Combination Kinetic Air Release Valve Flange End

Flanged-end combination kinetic air release valve that vents and admits large volumes of air during pipeline filling, operation and draining.

Size Range	2 in. (50 mm) - 12 in. (300 mm)
Pressure Rating	PN10/PN16 (max 16 bar)
Temperature	Max 100 C
End Connections	Flanged (raised face, BS4504/EN1092-2)
Operation	Automatic float operated
Design Standard	BS1074



COMBINATION AIR VALVES

PRPFL008

Air Valve 02 Combination Kinetic Air Release Valve Thread End

Threaded combination kinetic air release valve for pipelines DN15 to DN50.

Size Range	1/2" to 2" (DN15-DN50)
Pressure Rating	PN10/PN16 (16 bar max)
Temperature	Up to 100°C
End Connections	Threaded BSP/NPT to EN 1074
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



DOUBLE ORIFICE AIR VALVES

PRPFL009

Air Valve 03 Double Orifice Air Valve Type A

Double orifice air valve (Type A) for emptying and filling water networks, releasing both large and small air flows.

Size Range	DN50 - DN300
Pressure Rating	PN16
End Connections	Flanged (BS EN1092-2)
Operation	Automatic float operated
Design Standard	BS EN1074
Applications	Water and wastewater pipelines, municipal distribution networks

DOUBLE ORIFICE AIR VALVES

PRPFL010

Air Valve 04 Double Orifice Air Valve Type B

Double orifice air valve (Type B) for filling, operating and draining water pipelines with reliable air release and intake.

Size Range	DN50 - DN300
Pressure Rating	PN16 (1.6 MPa)
Temperature	Max 80 C
End Connections	Flanged (BS EN1092-2)
Operation	Automatic float operated
Design Standard	BS EN1074



COMBINATION AIR VALVES

PRPFL011

Air Valve 05 Combination Kinetic Air Release Valve Thread End

Compact thread-end combination kinetic air release valve for small pipelines.

Pressure Rating	PN10/PN16 (16 bar max)
Temperature	Up to 100°C
End Connections	Threaded NPT/BSPT to EN 1074
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



AIR RELEASE VALVES

PRPFL012

Air Valve 06 Air Valve for Sewage Water

Air valve designed for sewage and wastewater pipelines.

Pressure Rating	PN16
End Connections	Flanged BS EN 1092-2
Design Standard	BS EN 1074-4
Applications	Sewage rising mains, wastewater treatment, sludge lines



Vacuum Valve

Vacuum relief valve protecting pipelines against negative pressure.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

Image on request

API 6A Valves

10 products



PRPLZ001

Adjustable Choke Valve

An API 6A adjustable choke valve engineered to regulate and control well flow under high-pressure, abrasive service conditions.

Size Range	1/4" to 2"
Pressure Rating	2000 / 3000 / 5000 PSI rated working pressure
Temperature	-46C to 232C (-50F to 450F); API 6A temperature classification available
End Connections	Flanged API 6B / 6BX; threaded NPT (API 6A end and outlet connections)
Body Material	A216 WCB / A351 CF8M (AISI 4130 / 4140 alloy steel for sour service available)
Operation	Manual handwheel adjustable



TRUNNION MOUNTED BALL VALVES

PRPFL022

API Forged Steel Trunnion Mounted Ball Valve 150LB

An API 6D forged steel trunnion mounted ball valve with a bolted three piece body, full or reduced bore, in sizes from 2 inch to 40 inch and Class 150 to 2500.

Size Range	2 inch to 40 inch
Pressure Rating	ANSI Class 150 to 2500
Body Material	A105, F304, F316 (forged steel)
Operation	Lever, Gearbox, Electric actuator, Pneumatic
Design Standard	API 6D
Applications	Oil and Gas, Water, Process Pipelines



CAST STEEL GATE VALVES

PRPLZ006

Double Expanding Gate Valve

A double expanding gate valve giving positive mechanical seal-on-seat for bubble-tight, double-block isolation.

Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (Raised Face or RTJ) or butt weld
Body Material	Cast carbon steel (WCB), with CF8M / 316 options
Operation	Handwheel, Gear, Electric, Pneumatic

FLOATING BALL VALVES

PRPLZ058

Flanged End API 6A RTJ Ball Valves

Flanged End Api 6A Rtj Ball Valves flanged floating ball valve for tight shut-off across general process service.



Size Range	2" to 24"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RTJ API 6A / ASME B16.5
Body Material	ASTMA105 / A182 F304 / A182 F316
Operation	Lever / Wrench (gear or actuator available on larger sizes)

TRUNNION MOUNTED BALL VALVES

PRPLZ145

Forged Steel Flange Trunnion Ball Valve

A forged steel flanged trunnion mounted ball valve built to API 6D, in two or three piece construction from 2 inch to 24 inch and ANSI Class 150 to 2500 for oil and gas, water and general service.



Size Range	2 inch to 24 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5 RF, RTJ
Body Material	A105, LF2, F304, F316 (forged steel)
Operation	Lever, Gearbox, Electric actuator, Pneumatic

FLOATING BALL VALVES

PRPLZ065

Forged Steel Trunnion Ball Valve

Forged Steel Trunnion Ball Valve flanged floating ball valve for tight shut-off across general process service.



Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A105 ,F304 ,F316
Operation	Lever / Wrench (gear or actuator available on larger sizes)

PRPLZ002

Mud Check Valve

An API 6A mud check valve that permits one-way flow of drilling mud and slurry while preventing backflow in high-pressure service.



Size Range	1/4" to 2"
Pressure Rating	2000 / 3000 / 5000 PSI rated working pressure
Temperature	-46C to 232C (-50F to 450F); API 6A temperature classification available
End Connections	Flanged API 6B / 6BX; threaded NPT (API 6A end and outlet connections)
Body Material	A216 WCB / A351 CF8M (AISI 4130 / 4140 alloy steel for sour service available)
Operation	Automatic (flow-actuated)

SLAB GATE VALVES

PRPLZ003

Mud Gate Valve

An API 6A mud gate valve providing full-bore on/off isolation of abrasive drilling mud under high pressure.



Size Range	1/4" to 2"
Pressure Rating	2000 / 3000 / 5000 PSI rated working pressure
Temperature	-46C to 232C (-50F to 450F); API 6A temperature classification available
End Connections	Flanged API 6B / 6BX; threaded NPT (API 6A end and outlet connections)
Body Material	A216 WCB / A351 CF8M (AISI 4130 / 4140 alloy steel for sour service available)
Operation	Manual handwheel (gear/actuator optional)

PRPLZ004

Mud Plug Valve

An API 6A mud plug valve giving quarter-turn isolation of abrasive drilling mud in high-pressure service.



Size Range	1/4" to 2"
Pressure Rating	2000 / 3000 / 5000 PSI rated working pressure
Temperature	-46C to 232C (-50F to 450F); API 6A temperature classification available
End Connections	Flanged API 6B / 6BX; threaded NPT (API 6A end and outlet connections)
Body Material	A216 WCB / A351 CF8M (AISI 4130 / 4140 alloy steel for sour service available)
Operation	Quarter-turn (wrench / lever)

SLAB GATE VALVES

PRPLZ005

Plate Gate Valve

An API 6A plate (slab) gate valve delivering full-bore, high-pressure isolation for severe wellhead service.



Size Range	1/4" to 2"
Pressure Rating	2000 / 3000 / 5000 PSI rated working pressure
Temperature	-46C to 232C (-50F to 450F); API 6A temperature classification available
End Connections	Flanged API 6B / 6BX; threaded NPT (API 6A end and outlet connections)
Body Material	A216 WCB / A351 CF8M (AISI 4130 / 4140 alloy steel for sour service available)
Operation	Manual handwheel (gear/actuator optional)

Ball Valves

112 products



CARBON STEEL BALL VALVES

PRPLZ023

1 Piece Hexagon Ball Valve 2000PSI

A compact one-piece hexagon-bodied carbon steel ball valve rated to 2000 PSI WOG for general service shut-off duty.

Size Range	1/4" to 2"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	ASTM A105 (Carbon Steel)
Operation	Lever



PC BALL VALVES

PRPLZ131

1 Piece Hexagon SS Ball Valve 2000PSI

A one-piece hexagon stainless steel ball valve rated to 2000 PSI WOG for corrosion-resistant general service isolation.

Size Range	1/4" to 2"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M (316 Stainless Steel)
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ093

1 Piece Male Female Screwed Ball Valve

A compact one piece male x female screwed ball valve in stainless or carbon steel, 1/4 inch and 1/2 inch, rated 2000 PSI WOG.

Size Range	1/4 inch and 1/2 inch
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1), male x female
Body Material	A216 WCB / A351 CF8M
Operation	Lever

PC BALL VALVES

PRPLZ132

1PC Reduced Port Threaded Ball Valve 1000 WOG

A one-piece reduced-port threaded ball valve rated to 1000 WOG for economical general service shut-off.

Size Range	1/4" to 2"
Pressure Rating	1000 WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ094

1PC Standard Port Threaded Ball Valve 2000 PSI

A one piece standard port threaded ball valve, stainless or carbon steel, 1/4 inch to 2 inch, rated 2000 PSI WOG.

Size Range	1/4 inch to 2 inch
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	A216 WCB / A351 CF8M
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ024

2 Piece Carbon Steel Ball Valve 2000PSI

A two-piece carbon steel ball valve rated to 2000 PSI WOG with full-port flow for general industrial service.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A216 WCB (Carbon Steel)
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ025

2 Piece Carbon Steel Ball Valve 3000PSI

A two-piece carbon steel ball valve rated to 3000 PSI WOG with full-port flow for higher-pressure general service.

Size Range	1/4" to 4"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A216 WCB (Carbon Steel)
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ026

2 Piece Carbon Steel Ball Valve 6000PSI

A heavy-duty two-piece carbon steel ball valve rated to 6000 PSI WOG with full-port flow for high-pressure service.

Size Range	1/4" to 2"
Pressure Rating	6000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A216 WCB (Carbon Steel)
Operation	Lever



FLOATING BALL VALVES

PRPLZ050

2 Piece Flanged Full Port Floating Ball Valve

A two piece full port floating ball valve with flanged ends, in carbon or stainless steel from 1/2 inch to 8 inch and ANSI Class 150 to 2500.

Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5 RF
Body Material	Carbon steel and stainless steel
Operation	Lever, Gearbox, Electric, Pneumatic



FORGED STEEL BALL VALVES

PRPLZ071

2 Piece Forged Steel Ball Valve 2000PSI

A two-piece forged steel ball valve rated to 2000 PSI WOG, fire-safe to API 607, for general and hydrocarbon service.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	ASTM A105 / A182 F316 / A182 F304 (Forged Steel)
Operation	Lever



FORGED STEEL BALL VALVES

PRPLZ072

2 Piece Forged Steel Ball Valve 3000PSI

A two-piece forged steel ball valve rated to 3000 PSI WOG with full-port flow for higher-pressure service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	Forged Carbon / A351 CF8M / A216 WCB
Operation	Lever



FORGED STEEL BALL VALVES

PRPLZ073

2 Piece Forged Steel Ball Valve 5000PSI

A high-pressure two-piece forged steel ball valve rated to 5000 PSI WOG, fire-safe to API 607, for demanding service.

Size Range	1/4" to 4"
Pressure Rating	5000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	ASTM A105 / A182 F316 / A182 F304 (Forged Steel)
Operation	Lever



FORGED STEEL BALL VALVES
PRPLZ074

2 Piece Forged Steel Ball Valve Bolted 2000PSI

A bolted-body two-piece forged steel ball valve rated to 2000 PSI WOG, fire-safe to API 607, for serviceable isolation.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	ASTM A105 / A182 F316 / A182 F304 (Forged Steel)
Operation	Lever


CARBON STEEL BALL VALVES
PRPLZ027

2 Piece Hexagon Ball Valve 2000PSI

A two-piece hexagon-bodied ball valve rated to 2000 PSI WOG with full-port flow for general service.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A216 WCB / A351 CF8M
Operation	Lever


STAINLESS STEEL BALL VALVES
PRPLZ140

2 Piece Stainless Steel Ball Valve 2000PSI

A two-piece stainless steel ball valve rated to 2000 PSI WOG with full-port flow for corrosion-resistant service.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M (316 Stainless Steel)
Operation	Lever



STAINLESS STEEL BALL VALVES

PRPLZ141

2 Piece Stainless Steel Ball Valve 3000PSI

2 PIECE STAINLESS STEEL BALL VALVE 3000PSI from ZQV / ZHENGQIU, a two piece general purpose ball valve with threaded asme b1.20.1 npt ends, rated to 3000 PSI (WOG).

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever



STAINLESS STEEL BALL VALVES

PRPLZ142

2 Piece Stainless Steel Ball Valve 6000PSI

2 PIECE STAINLESS STEEL BALL VALVE 6000PSI from ZQV / ZHENGQIU, a two piece general purpose ball valve with threaded asme b1.20.1 npt ends, rated to 6000 PSI (WOG).

Size Range	1/4" to 2"
Pressure Rating	6000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ095

2 Piece Threaded Ball Valve 3600 PSI Class 1500

A two piece full port threaded ball valve, stainless or carbon steel, 1/4 inch to 2 inch, Class 1500 / 3000 PSI WOG.

Size Range	1/4 inch to 2 inch
Pressure Rating	Class 1500 / 3000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	A216 WCB / A351 CF8M
Operation	Lever



SEAL WELDED THREADED BALL VALVES

PRPLZ134

2-Piece Seal Welded Threaded Ball Valves

2-Piece Seal Welded Threaded Ball Valves engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG) CLASS1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M) / Carbon Steel (A216 WCB)
Operation	Lever, Gearbox



HIGH PRESSURE BALL VALVES

PRPLZ097

2PC 2000 PSI Seal Welded Ball Valves Firesafe

A fire-safe, seal-welded two-piece ball valve rated to 2000 PSI WOG for general and oil & gas service.

Size Range	1/4" to 2"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ098

2PC 3000 PSI Stainless Steel Screwed Ball Valve

A two piece full port stainless steel screwed ball valve, 1/4 inch to 2 inch, rated 3000 PSI WOG.

Size Range	1/4 inch to 2 inch
Pressure Rating	3000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	A351 CF8M (stainless steel)
Operation	Lever



Ball Valves (continued)

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HIGH PRESSURE BALL VALVES

PRPLZ099

2PC Female Threaded 6000 PSI Ball Valve

A two piece full port female-threaded high pressure ball valve, stainless or carbon steel, 1/4 inch to 2 inch.

Size Range	1/4 inch to 2 inch
Pressure Rating	Up to 6000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Female Threaded NPT (ASME B1.20.1)
Body Material	A216 WCB / A351 CF8M
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ100

2PC Fire-Safe Class 1500 Threaded Ball Valve

A fire-safe two piece full port threaded ball valve, stainless or carbon steel, 1/4 inch to 2 inch, Class 1500 / 3000 PSI WOG.

Size Range	1/4 inch to 2 inch
Pressure Rating	Class 1500 / 3000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	A216 WCB / A351 CF8M
Operation	Lever



FORGED STEEL BALL VALVES

PRPLZ075

2PC Forged Steel 800LB Ball Valve

A two piece forged steel ball valve with NPT or EUE ends, 1/4 inch to 4 inch, rated 800LB / 1500LB / 2500LB.

Size Range	1/4 inch to 4 inch
Pressure Rating	800LB / 1500LB / 2500LB
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1), EUE API 5B
Body Material	ASTM A105 / A182 F316 / A182 F304 (forged steel)
Operation	Lever

FORGED STEEL BALL VALVES

PRPLZ076

2PC Forged Steel Threaded Ball Valve

A two piece forged steel threaded ball valve with NPT or EUE ends, 1/4 inch to 4 inch, rated 2000-6000 PSI.

Size Range	1/4 inch to 4 inch
Pressure Rating	2000 / 3000 / 5000 / 6000 PSI
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1), EUE API 5B
Body Material	ASTM A105 / A182 F316 / A182 F304 (forged steel)
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ101

2PC Investment Casting Threaded Ball Valve 3000 PSI

A two piece investment cast full port threaded ball valve, stainless or carbon steel, 1/4 inch to 2 inch, 3000 PSI WOG.

Size Range	1/4 inch to 2 inch
Pressure Rating	3000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	A216 WCB / A351 CF8M
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ103

2pc Seal Welded Fire Safe Ball Valve 3600PSI

A fire-safe seal-welded two-piece ball valve rated to 3600 PSI WOG for demanding high-pressure service.

Size Range	1/4" to 2"
Pressure Rating	3600 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ102

2PC Seal Welded Full Port Ball Valves 2000PSI

A full-port seal-welded two-piece ball valve rated to 2000 PSI WOG for unrestricted flow in general service.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



SEAL WELDED THREADED BALL VALVES

PRPLZ135

2PC Seal Welded Threaded Ball Valve 3000 PSI

2PC Seal Welded Threaded Ball Valve 3000 PSI engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M) / Carbon Steel (A216 WCB)
Operation	Lever, Gearbox



HIGH PRESSURE BALL VALVES

PRPLZ104

2pc Seal Welded Threaded Ball Valves 6000PSI

A threaded seal-welded two-piece ball valve rated to 6000 PSI WOG for high-pressure isolation duty.

Size Range	1/4" to 2"
Pressure Rating	6000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



SEAL WELDED THREADED BALL VALVES

PRPLZ136

2PC Seal-Welded Threaded Ball Valves 3600 PSI

2PC Seal-Welded Threaded Ball Valves 3600 PSI engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.



Size Range	1/4" to 2"
Pressure Rating	3600 PSI (WOG) CLASS1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M) / Carbon Steel (A216 WCB)
Operation	Lever, Gearbox

PRPLZ016

2PC Threaded Full Port Ball Valve PN63

A two-piece full-port threaded ball valve rated for PN63 service with a 1000 PSI WOG capacity.



Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox

SEAL WELDED THREADED BALL VALVES

PRPLZ137

2PC Threaded Seal Welded Ball Valve 6000PSI

2PC Threaded Seal welded Ball Valve 6000PSI engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.



Size Range	1/4" to 2"
Pressure Rating	6000 PSI (WOG) CLASS2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M) / Carbon Steel (A216 WCB)
Operation	Lever, Gearbox

STAINLESS STEEL BALL VALVES

PRPLZ143

2PC Threaded Stainless Steel Ball Valve 1000 WOG

A corrosion-resistant two-piece stainless steel ball valve with threaded ends, rated to 1000 PSI WOG.



Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox

PRPLZ017

3 Piece Full Port Ball Valve 1000PSI

A serviceable three-piece full-port ball valve rated to 1000 PSI with threaded, socket-weld and butt-weld end options.



Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT,SW,BW
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox

FORGED STEEL BALL VALVES

PRPLZ077

3 Piece Position Type Ball Valve A105

A three-piece A105 forged carbon steel position-type threaded ball valve for general and oilfield service.



Size Range	1/4" to 4"
Pressure Rating	ANSI Class 800 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT ASME B1.20.1
Body Material	ASTM A105 / A182 F316 / A182 F304
Operation	Manual lever / wrench

STAINLESS STEEL BALL VALVES

PRPLZ144

3 Piece Stainless Steel Ball Valve 1000 PSI

A three-piece stainless steel ball valve rated to 1000 PSI with multiple end-connection options for easy maintenance.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT,SW,BW
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox



FORGED STEEL BALL VALVES

PRPLZ078

3-Piece Forged Steel Threaded High Pressure Ball Valves

A three-piece forged steel ball valve engineered for high-pressure threaded service across general industrial and oil and gas applications.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG) to 6000 PSI
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld ASME B16.11
Body Material	A351 CF8M / A105 / LF2
Operation	Manual lever / wrench



FORGED STEEL BALL VALVES

PRPLZ079

3PC Forged Steel Ball Valve

A forged steel three-piece ball valve rated for Class 800 and Class 1500 service with full or reduced port options.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI CLASS800 / 3000 PSI CLASS1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	ASTM A105 / A182 F316 / A182 F304
Operation	Lever, Gearbox



FORGED STEEL BALL VALVES

PRPLZ080

3PC Forged Steel Threaded Ball Valve 6000 PSI

A three piece forged steel ball valve with NPT or socket weld ends, 1/2 inch to 2 inch, high pressure rated.

Size Range	1/2 inch to 2 inch
Pressure Rating	Up to 6000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT / Socket Weld (SW)
Body Material	A105 / LF2 / A351 CF8M (forged steel)
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ105

3PC Reduced Port Ball Valve 2000 PSI

A three piece reduced port threaded ball valve, stainless or carbon steel, 1/4 inch to 2 inch, 2000 PSI WOG.

Size Range	1/4 inch to 2 inch
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	A216 WCB / A351 CF8M
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ106

3PC Stainless Steel Threaded Ball Valve 2000PS

A three-piece stainless steel threaded ball valve rated to 2000 PSI WOG with an easily serviceable body.

Size Range	1/4" to 2"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M stainless steel
Operation	Lever



Ball Valves (continued)

112 products



HIGH PRESSURE BALL VALVES

PRPLZ107

3PC Stainless Steel Threaded Ball Valves 3000 PSI

A three-piece stainless steel threaded ball valve rated to 3000 PSI WOG with full or reduced port options.

Size Range	1/2" to 2"
Pressure Rating	3000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M stainless steel (A105 / LF2 carbon options)
Operation	Lever



PRPLZ018

3PC Threaded Ball Valve with ISO5211 Mounting Pad

A three-piece full-port ball valve with an integral ISO 5211 mounting pad for direct actuator fitting.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT,SW,BW
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox, Actuator-Ready



FLOATING BALL VALVES

PRPFL016

API 6D 3-Piece Forged Steel Floating Ball Valve 300LB

API 6D three-piece forged steel floating ball valve, Class 300, for reliable isolation on demanding pipelines.

Size Range	2 in. - 40 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, CF8, CF8M
Operation	Lever, Gearbox, Electric actuator, Pneumatic actuator
Design Standard	API 6D

FLOATING BALL VALVES

PRPFL017

API 6D Floating Ball Valve 600LB

API 6D forged steel ASTM A105N floating ball valve, Class 600, full bore with PTFE seat and flanged ends.

Size Range	1/2 in. - 12 in.
Pressure Rating	ANSI Class 600
End Connections	Flanged (raised face)
Body Material	Forged steel ASTM A105N
Operation	Lever, Gearbox, Electric actuator, Pneumatic actuator
Design Standard	API 6D



FLOATING BALL VALVES

PRPFL018

API Floating Ball Valve 150LB

API 6D floating ball valve, Class 150, cast carbon or stainless steel, for tight shut-off on process pipelines.

Size Range	1/2 in. - 12 in.
Pressure Rating	ANSI Class 150 to 600
End Connections	Flanged
Body Material	WCB, LCB, CF8, CF8M
Operation	Lever, Gearbox, Electric actuator, Pneumatic actuator
Design Standard	API 6D



PC BALL VALVES

PRPFL019

Ball Valve 1 (1-Piece Threaded Ball Valve)

A compact one-piece threaded ball valve for reliable on/off isolation in small-bore pipework.

End Connections	Threaded (NPT/BSP)
Operation	Manual (quarter-turn lever)
Applications	Suited to water and general utility lines, low-pressure process service, and compact plant pipework where a simple manual isolation point is needed.



PRPFL014

BV02-DIN3357 Wafer Type Ball Valve

A DIN3357 wafer-type ball valve with a cast iron body and stainless steel ball for compact flanged isolation.

Size Range	DN15-DN125
Pressure Rating	PN16
End Connections	Wafer, flanges to EN1092-2 PN16
Body Material	Cast iron (GG25/GGG40)
Operation	Manual (hand lever); ISO5211 mounting pad available
Design Standard	DIN3357



FORGED STEEL BALL VALVES

PRPLZ081

Carbon Steel High Pressure Threaded Ball Valve

A two-piece A105 carbon steel high-pressure threaded ball valve rated to 3000 PSI WOG for general industrial service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT ASME B1.20.1
Body Material	ASTM A105 carbon steel
Operation	Manual lever / wrench



FORGED STEEL BALL VALVES

PRPLZ082

Carbon Steel Standard Port Ball Valve 2000CWP

A two-piece A105 carbon steel standard-port threaded ball valve rated 2000 CWP for general service.

Size Range	1/4" to 2"
Pressure Rating	2000 CWP / 3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT ASME B1.20.1
Body Material	ASTM A105 carbon steel
Operation	Manual lever / wrench



CARBON STEEL BALL VALVES

PRPLZ029

Carbon Steel Threaded Ball Valve 2000 WOG

A carbon steel threaded ball valve rated to 2000 PSI WOG for general industrial and utility service.



Size Range	1/4" to 4"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	Carbon steel ASTM A216 WCB (CF8M stainless option)
Operation	Lever

FLOATING BALL VALVES

PRPLZ051

Cast Bronze Ball Valve

Cast Bronze Ball Valve flanged floating ball valve for tight shut-off across general process service.



Size Range	1/2" to 8"
Pressure Rating	ANSI Class 150
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	Cast Bronze
Operation	Lever / Wrench (gear or actuator available on larger sizes)

FLOATING BALL VALVES

PRPLZ052

Cast Iron Ball Valve

A cast iron floating ball valve with flanged ends and stainless steel trim, 1/2 inch to 8 inch, ANSI Class 150 for water, air and general service.



Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5
Body Material	Cast iron
Operation	Lever, Gearbox

FLOATING BALL VALVES

PRPLZ053

Cast Steel Floating Ball Valve

A cast steel floating ball valve, WCB or CF8M, flanged ends, 1/2 inch to 8 inch and ANSI Class 150 to 2500 for general and process service.



Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5
Body Material	A216 WCB / A351 CF8M
Operation	Lever, Gearbox, Electric, Pneumatic

FLOATING BALL VALVES

PRPLZ054

Cast Trunnion Ball Valve

Cast Trunnion Ball Valve flanged floating ball valve for tight shut-off across general process service.



Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A105 ,F304 ,F316
Operation	Lever / Wrench (gear or actuator available on larger sizes)

CARBON STEEL BALL VALVES

PRPLZ030

Casting Steel Seal-Welded Ball Valves 6000WOG

A cast-steel seal-welded ball valve rated to 6000 PSI WOG for high-pressure isolation.



Size Range	1/4" to 2"
Pressure Rating	6000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	Cast carbon steel ASTM A216 WCB (CF8M stainless option)
Operation	Lever

HIGH PRESSURE BALL VALVES

PRPLZ108

Class 2500 Seal Welded Fire-Safe Ball Valve

A Class 2500 fire-safe seal-welded ball valve for extreme high-pressure threaded service.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



FORGED STEEL BALL VALVES

PRPLZ083

Class 800LB 1500LB 3PC Forged Steel Ball Valve

A three-piece forged steel ball valve in Class 800LB to 1500LB with an extra nipple for threaded high-pressure service.

Size Range	1/4" to 4"
Pressure Rating	ANSI Class 800 to 1500 / 2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT ASME B1.20.1
Body Material	ASTM A105 / A182 F316 / A182 F304
Operation	Manual lever / wrench



CARBON STEEL BALL VALVES

PRPLZ031

Class 800LB Carbon Steel Threaded Ball Valve

A Class 800 carbon steel threaded ball valve for general and oil & gas isolation service.

Size Range	1/4" to 4"
Pressure Rating	ANSI Class 800 (2000 PSI WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	Carbon steel ASTM A105 (A182 F316 / F304 stainless options)
Operation	Lever



FLOATING BALL VALVES

PRPLZ055

Cryogenic Ball Valve

A cryogenic service ball valve with extended bonnet, forged steel or stainless body, 2 inch to 24 inch and ANSI Class 150 to 2500.

Size Range	2 inch to 24 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	Low temperature / cryogenic service (extended bonnet design)
End Connections	Flanged, ASME B16.5
Body Material	A105, F304, F316
Operation	Lever, Gearbox, Electric, Pneumatic



PRPFL015

DIN 3357 F4/F5 Ball Valve (BV01)

Flanged DIN 3357 ductile iron ball valve with stainless ball and stem and PTFE seats for reliable water-network isolation.

Size Range	DN50-DN250
Pressure Rating	PN16
End Connections	Flanged (EN 1092-2 PN16)
Body Material	Ductile Iron GGG50
Operation	Hand lever
Design Standard	DIN 3357



PRPLZ019

Direct Mount Ball Valve

A three-piece direct-mount ball valve with an integral actuator pad for compact automation.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP, BSPT, ISO7-1
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox, Actuator-Ready



Ball Valves (continued)

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GROOVED END BALL VALVES

PRPLZ090

Ductile Iron Grooved End Floating Ball Valve

Ductile Iron Grooved End Floating Ball Valve engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.

Size Range	2" to 6"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Grooved End (AWWA C606)
Body Material	Ductile Iron (A395)
Operation	Lever, Gearbox



FLOATING BALL VALVES

PRPLZ056

Electric Actuator Ball Valve

An electrically actuated floating ball valve, WCB or CF8M, flanged ends, 1/2 inch to 8 inch and ANSI Class 150 to 2500 for automated isolation.

Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5
Body Material	A216 WCB / A351 CF8M
Operation	Electric actuator



PRPLZ020

Electric Threaded Ball Valve

A three-piece electrically actuated threaded ball valve for automated on/off control.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP,BSPT,ISO7-1
Body Material	A351 CF8M / A216 WCB
Operation	Electric Actuator

FLOATING BALL VALVES

PRPLZ057

Flange V Port Ball Valve

Flange V Port Ball Valve flanged floating ball valve for tight shut-off across general process service.

Size Range	2" to 6"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A351 CF8M / A216 WCB
Operation	Lever / Wrench (gear or actuator available on larger sizes)



FLOATING BALL VALVES

PRPLZ059

Flanged Ends Full Weld Ball Valve

A fully welded body ball valve with flanged ends, forged steel or stainless, 2 inch to 24 inch and ANSI Class 150 to 2500 for buried and high integrity service.

Size Range	2 inch to 24 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5
Body Material	A105, F304, F316
Operation	Lever, Gearbox, Electric, Pneumatic



FLOATING BALL VALVES

PRPLZ060

Flanged Floating Stainless Steel Ball Valve Full Port

A full port stainless steel floating ball valve with flanged ends, 1/2 inch to 8 inch and ANSI Class 150 to 2500 for corrosive and hygienic service.

Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5 RF
Body Material	A351 CF8M (stainless steel)
Operation	Lever, Gearbox, Electric, Pneumatic



FLOATING BALL VALVES

PRPLZ061

Floating Double Block and Bleed (DBB) Ball Valve

A floating double block and bleed ball valve, forged steel or stainless, 1/2 inch to 4 inch and ANSI Class 150 to 2500 for positive isolation.

Size Range	1/2 inch to 4 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5
Body Material	A105, F304, F316
Operation	Lever, Gearbox



FLOATING BALL VALVES

PRPLZ062

Floating Flanged Ball Valve Reduced Port

A reduced port floating ball valve with flanged ends, carbon or stainless steel, 1/2 inch to 8 inch and ANSI Class 150 to 2500.

Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5 RF
Body Material	A216 WCB / A351 CF8M
Operation	Lever, Gearbox, Electric, Pneumatic



PRPLZ021

Floating Top Entry Ball Valve

A top-entry floating ball valve designed for in-line maintenance, rated from Class 150 to Class 2500.

Size Range	2" to 6"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A351 CF8M / A216 WCB
Operation	Gearbox, Actuator



FORGED STEEL BALL VALVES

PRPLZ084

Forged Carbon Steel Class 1500 Threaded Ball Valve

A two-piece forged carbon steel Class 1500 threaded ball valve rated to 3000 PSI WOG.



Size Range	1/4" to 2"
Pressure Rating	ANSI Class 1500 / 3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT ASME B1.20.1
Body Material	ASTM A105 / A182 F316 / A182 F304
Operation	Manual lever / wrench

FLOATING BALL VALVES

PRPLZ063

Forged Steel Floating Ball Valve

A forged steel floating ball valve, A105/F304/F316, 1/2 inch to 8 inch and ANSI Class 150 to 2500 for general and process service.



Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5 / Threaded NPT
Body Material	A105, F304, F316 (forged steel)
Operation	Lever, Gearbox, Electric, Pneumatic

FLOATING BALL VALVES

PRPLZ064

Forged Steel Floating Flanged Ball Valve

A forged steel floating ball valve with flanged ends, carbon or stainless, 1/2 inch to 8 inch and ANSI Class 150 to 2500.



Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5 RF
Body Material	Forged carbon and stainless steel
Operation	Lever, Gearbox, Electric, Pneumatic

FORGED STEEL BALL VALVES

PRPLZ085

Forged Steel Socket Welded Ball Valve 800LB

A three-piece forged steel Class 800LB socket-weld ball valve for high-pressure welded and threaded service.



Size Range	1/4" to 4"
Pressure Rating	ANSI Class 800 / 2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld
Body Material	ASTM A105 / A182 F316 / A182 F304
Operation	Manual lever / wrench

CARBON STEEL BALL VALVES

PRPLZ032

Full Bore Threaded Ball Valve 5000 PSI

A full-bore threaded ball valve rated to 5000 PSI WOG for unrestricted high-pressure flow.



Size Range	1/4" to 4"
Pressure Rating	5000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A105 carbon steel (A182 F316 / F304 stainless options)
Operation	Lever

GROOVED END BALL VALVES

PRPLZ092

Grooved End Stainless Steel Floating Ball Valve

Grooved End stainless steel Floating Ball Valve engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.



Size Range	2" to 6"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Grooved End (AWWA C606)
Body Material	316 Stainless Steel (A351 CF8M) / Ductile Iron (A395)
Operation	Lever, Gearbox

CARBON STEEL BALL VALVES

PRPLZ033

Hex Bar Stock Standard Port Threaded Ball Valve

A hex bar-stock standard-port threaded ball valve machined from solid A105 for compact high-pressure duty.



Size Range	1/4" to 2"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A105 carbon steel (hex bar stock)
Operation	Lever

HIGH PRESSURE BALL VALVES

PRPLZ110

Isolator Floating Male and Female NPT Ball Valves 2000PSI

A floating isolator ball valve with male and female NPT ends rated to 2000 PSI WOG for instrument isolation.



Size Range	1", 2", 3"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Male x Female threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever

MINI BALL VALVES

PRPLZ115

Mini Ball Valve

A compact mini ball valve for quarter-turn isolation of water, air, gas and oil in small-bore instrument and appliance lines.



Size Range	1/8" to 2"
Pressure Rating	up to 1000 WOG / PN25
End Connections	Threaded (BSP/NPT)
Body Material	Brass / stainless steel
Operation	Lever / T-handle (quarter-turn)
Design Standard	Manufacturer standard

PC BALL VALVES

PRPLZ133

One Piece Ball Valve

A compact one-piece ball valve in stainless steel with a reduced-port bore, rated to 3000 PSI WOG.

Size Range	1/4" to 4"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gearbox



PC BALL VALVES

PRPFL020

One Piece Carbon Steel Ball Valve

A robust, low-cost one-piece carbon steel ball valve offering reliable quarter-turn isolation for general service lines.

End Connections	Threaded
Body Material	Carbon steel
Operation	Manual (lever)
Applications	Water and general utility service, compressed air lines, and light industrial process isolation.



PRPLZ022

Orbit Ball Valve

A top-entry orbit ball valve with a tilt-and-turn action for low-wear, fire-safe isolation, rated Class 150 to 2500.

Size Range	2" to 8"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A351 CF8M / A216 WCB
Operation	Gearbox, Actuator



Ball Valves (continued)

112 products



FLOATING BALL VALVES

PRPLZ066

Pneumatic Actuator Ball Valve

A pneumatically actuated floating ball valve, WCB or CF8M, flanged ends, 1/2 inch to 8 inch and ANSI Class 150 to 2500 for automated isolation.

Size Range	1/2 inch to 8 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged, ASME B16.5
Body Material	A216 WCB / A351 CF8M
Operation	Pneumatic actuator



TRUNNION MOUNTED BALL VALVES

PRPLZ146

Pneumatic Fixed Ball Valve

A trunnion mounted ball valve with pneumatic actuation, available in carbon or stainless steel from 2 inch to 24 inch and ANSI Class 150 to 2500 for general service, air, water and oil and gas duties.

Size Range	2 inch to 24 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46C to 232C (-50F to 450F)
End Connections	ASME B16.5 RF, RTJ
Body Material	A216 WCB (carbon steel) / A351 CF8M (stainless steel)
Operation	Manual, Pneumatic, Hydraulic



CARBON STEEL BALL VALVES

PRPLZ035

Pneumatic Threaded Ball Valve

A pneumatically actuated three-piece threaded ball valve for automated on/off control in general service lines.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP, BSPT, ISO7-1
Body Material	A351 CF8M / A216 WCB
Operation	Pneumatic actuator

HIGH PRESSURE BALL VALVES

PRPLZ111

Seal Welded Ball Valve 2000PSI (138 Bar)

A seal-welded ball valve rated to 2000 PSI WOG (138 bar) for leak-tight threaded isolation.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI WOG (138 bar)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ036

Seal Welded Ball Valve 2000PSI(138Bar)

A two-piece seal-welded threaded ball valve rated to 2000 PSI for leak-tight isolation in critical lines.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



SEAL WELDED THREADED BALL VALVES

PRPLZ138

Seal-Welded FNPT Ball Valves 6000PSI

Seal-Welded FNPT Ball Valves 6000PSI engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.

Size Range	1/4" to 2"
Pressure Rating	6000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M) / Carbon Steel (A216 WCB)
Operation	Lever, Gearbox



FORGED STEEL BALL VALVES
PRPLZ086

Socket Weld and Threaded End Floating Ball Valves

A three-piece floating ball valve with socket-weld and threaded ends for high-pressure general and oil and gas service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG) to 6000 PSI
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld / Threaded ASME B16.11
Body Material	A351 CF8M / A105 / LF2
Operation	Manual lever / wrench


CARBON STEEL BALL VALVES
PRPLZ037

Spring Return Ball Valve

A spring-return ball valve that automatically returns to a fail-safe position when the handle is released.

Size Range	1/4" to 2"
Pressure Rating	1000 PSI (WOG) ,2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP,BSPT,ISO7-1
Body Material	A351 CF8M / A216 WCB
Operation	Spring-return lever


SEAL WELDED THREADED BALL VALVES
PRPLZ139

Stainless Steel Full Port Seal Welded Ball Valve

Stainless Steel Full Port Seal Welded ball valve engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M) / Carbon Steel (A216 WCB)
Operation	Lever, Gearbox



CARBON STEEL BALL VALVES

PRPLZ038

Stainless Steel Isolator Valve

A two-piece stainless steel isolator ball valve with hard seats for instrument and gauge isolation.

Size Range	1" , 2" ,3"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



HIGH PRESSURE BALL VALVES

PRPLZ112

Stainless Steel Isolator Valve

A stainless steel isolator ball valve rated to 2000 PSI WOG for corrosion-resistant instrument isolation.

Size Range	1", 2", 3"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M stainless steel (A216 WCB option)
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ044

Threaded End Seal Welded Ball Valves 2000 PSI

A two-piece threaded-end seal-welded ball valve rated to 2000 PSI for leak-tight isolation service.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



HIGH PRESSURE BALL VALVES

PRPLZ114

Threaded End Seal Welded Ball Valves 2000 PSI

A threaded-end seal-welded ball valve rated to 2000 PSI WOG for leak-tight isolation.

Size Range	1/4" to 4"
Pressure Rating	2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A351 CF8M (stainless) / ASTM A216 WCB (carbon steel)
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ045

Three Piece Ball Valve

A general-purpose three-piece threaded ball valve with a full port bore for easy in-line maintenance.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP,BSPT,ISO7-1
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



STAINLESS STEEL BALL VALVES

PRPFL021

Three Piece Ball Valve

Three-piece threaded and socket weld ball valve in stainless steel for quarter-turn isolation in compact pipelines.

Size Range	1/4"-4"
End Connections	Threaded / Socket weld
Body Material	Stainless steel
Operation	Lever
Applications	Water, air and general process lines needing compact quarter-turn isolation.



FLOATING BALL VALVES

PRPLZ067

Three Way Ball Valve

Three Way Ball Valve flanged floating ball valve for tight shut-off across general process service.

Size Range	2" to 8"
Pressure Rating	ANSI Class 150 to 600
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A351 CF8M / A216 WCB
Operation	Lever / Wrench (gear or actuator available on larger sizes)



CARBON STEEL BALL VALVES

PRPLZ046

Three Way Threaded Ball Valve

A three-way threaded ball valve for diverting or mixing flow between two outlets in general service lines.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP,BSPT,ISO7-1
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



TRUNNION MOUNTED BALL VALVES

PRPLZ147

Three-Piece Cast Trunnion-Mounted Ball Valve

A cast steel three piece trunnion mounted ball valve to API 6D and API 608, in carbon or stainless steel from 2 inch to 36 inch and ANSI Class 150 to 2500.

Size Range	2 inch to 36 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5 / B16.47 / B16.25 - RF, RTJ, BW
Body Material	A216 WCB / A352 LCB (carbon steel); A351 CF8, CF8M, CF3, CF3M (stainless)
Operation	Manual, Pneumatic, Hydraulic



FORGED STEEL BALL VALVES

PRPLZ088

Three-Piece Threaded Floating Ball Valves 3000 WOG

A three-piece threaded floating ball valve rated to 3000 PSI WOG for general and oilfield isolation duty.

Size Range	1/2" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT,SW*NPT,SW
Body Material	A351 CF8M / A105 / LF2
Design Standard	ASME B16.34, API 607



FORGED STEEL BALL VALVES

PRPLZ089

Three-Piece Threaded Forged Steel Floating Ball Valve

A forged steel three-piece threaded floating ball valve rated to 3000 PSI WOG for demanding isolation service.

Size Range	1/2" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A105 / LF2
Design Standard	ASME B16.34, API 607



TRUNNION MOUNTED BALL VALVES

PRPLZ148

Three-Piece Trunnion Ball Valve

A three piece bodied trunnion mounted ball valve to API 6D, forged steel construction from 2 inch to 24 inch and ANSI Class 150 to 2500 for general service, air, water and oil and gas.

Size Range	2 inch to 24 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5 RF, RTJ
Body Material	A105, LF2, F304, F316 (forged steel)
Operation	Manual, Pneumatic, Hydraulic, Electric



Ball Valves (continued)

112 products



TRUNNION MOUNTED BALL VALVES

PRPLZ149

Top Entry Trunnion Mounted Ball Valve

A top entry trunnion mounted ball valve to API 6D with fire-safe certification, in carbon or stainless steel from 2 inch to 36 inch and ANSI Class 150 to 2500.

Size Range	2 inch to 36 inch
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged - ASME B16.5 RF, RTJ
Body Material	A216 WCB (carbon steel) / A351 CF8M (stainless steel)
Operation	Gear (GO), Manual, Pneumatic, Hydraulic



FLOATING BALL VALVES

PRPLZ068

Trunnion DBB Ball Valve

Trunnion DBB Ball Valve flanged floating ball valve for tight shut-off across general process service.

Size Range	1/2" to 4"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A105 ,F304 ,F316
Operation	Lever / Wrench (gear or actuator available on larger sizes)



CARBON STEEL BALL VALVES

PRPLZ047

Trunnion Top Entry Ball Valve

A trunnion-mounted top-entry ball valve for high-pressure pipeline isolation with in-line maintainability.

Size Range	2" to 6"
Pressure Rating	ANSI Class 150 to Class 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, ASME B16.5, API 6D

CARBON STEEL BALL VALVES

PRPLZ048

Two Piece Ball Valve

A general-purpose two-piece threaded ball valve with a full port bore for everyday isolation duty.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	NPT , BSP,BSPT,ISO7-1
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



CARBON STEEL BALL VALVES

PRPLZ049

Wafer Ball Valve

A wafer-style ball valve that mounts between flanges for a compact, lightweight isolation solution.

Size Range	1/4" to 4"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASEM B16.5
Body Material	A351 CF8M / A216 WCB
Design Standard	ASME B16.34, MSS SP-110



FLOATING BALL VALVES

PRPLZ069

Wafer V Port Ball Valve

Wafer V Port Ball Valve flanged floating ball valve for tight shut-off across general process service.

Size Range	2" to 6"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A351 CF8M / A216 WCB
Operation	Lever / Wrench (gear or actuator available on larger sizes)





Welded Ends Full Weld Ball Valve

Welded Ends Full Weld Ball Valve flanged floating ball valve for tight shut-off across general process service.

Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	ASME B16.5
Body Material	A105 ,F304 ,F316
Operation	Lever / Wrench (gear or actuator available on larger sizes)

Butterfly Valves

25 products



LUG TYPE BUTTERFLY VALVES

PRPFL030

API 609 Butterfly Valve (P48 BfV02)

API 609 ductile iron wafer and lug type resilient-seated butterfly valve for reliable isolation and control.

End Connections	Wafer / Lug
Body Material	Ductile Iron
Operation	Lever / gear / actuator
Design Standard	API 609
Applications	Water, wastewater and general industrial isolation and flow control.



LUG TYPE BUTTERFLY VALVES

PRPFL028

BFV01-DIN3202 DIN Butterfly Valve (Wafer and Lug Type)

A DIN3202 centric butterfly valve available in both wafer and lug body styles for flanged pipeline isolation and regulation.

Size Range	DN40-DN600
Pressure Rating	PN10/PN16
End Connections	Wafer and lug, flange drilling to EN1092-2
Body Material	Ductile iron GGG50
Operation	Hand lever, worm gear, pneumatic or electric actuator
Design Standard	DIN3202



GROOVED BUTTERFLY VALVES

PRPFL029

BFV05 Groove End Butterfly Valve

A groove-end butterfly valve with a 360-degree polished disc, engineered for positive shut-off in fire protection and water systems.

Size Range	DN50-DN300
End Connections	Grooved end
Operation	Hand lever; worm gear; pneumatic/electric actuator
Applications	Fire-fighting and sprinkler systems, water distribution, and HVAC isolation.

BUTTERFLY VALVE ACTUATORS & OPERATORS

PRPFL005

BFV08 Actuators and Others

A range of actuators and accessories for butterfly valves, including hand levers, gearboxes and powered drives.

Operation	Hand lever, worm gear, pneumatic or electric actuator
Applications	Supports water, wastewater, fire-fighting and general industrial butterfly valve installations requiring manual or automated operation.



PRPLZ150

Butt Welded Butterfly Valve

Butt Welded Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic



SOFT-SEAL BUTTERFLY VALVES

PRPLJ003

Butt-Clamped Soft-Seal Butterfly Valve

Soft-seal butterfly valve with butt-clamped body for water distribution.

Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection
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PRPFL026

C95800 Butterfly Valve

C95800 aluminium bronze butterfly valve for seawater and marine service.

Body Material Nickel aluminium bronze ASTM B148 C95800

Applications Marine, offshore, desalination, seawater cooling systems



DOUBLE OFFSET BUTTERFLY VALVES

PRPFL027

Double Eccentric Butterfly Valve (BFV07)

Double-offset (double eccentric) flanged butterfly valve with rubber seat and gear operation for large-diameter water and process isolation.

Size Range DN80-DN2000

End Connections Flanged

Operation Worm gear / lever / actuator

Design Standard DIN 3202 F4/F16

Applications Water, wastewater and large-diameter industrial pipelines requiring durable isolation and control.



DOUBLE OFFSET BUTTERFLY VALVES

PRPLJ004

Double Offset Butterfly Valve

Double offset butterfly valve for higher pressure water and industrial service.

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



BUTTERFLY VALVE ACTUATORS & OPERATORS

PRPLZ151



Electric Actuator Butterfly Valve

Electric Actuator Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Electric

FLANGED BUTTERFLY VALVES

PRPLZ152



Flange High Performance Butterfly Valve

Flange High Performance Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic

FLANGED BUTTERFLY VALVES

PRPLZ153



Flanged Concentric Butterfly Valve

Flanged Concentric Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic

GROOVED BUTTERFLY VALVES

PRPLJ005

Grooved Butterfly Valve

Grooved end butterfly valve for rapid mechanical-coupling installation.

Applications

Fire protection, mining, HVAC and mechanical services



BUTTERFLY VALVE ACTUATORS & OPERATORS

PRPLZ154

Hydraulic Actuator Butterfly Valve

Hydraulic Actuator Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range 1/4" to 2"

Pressure Rating 3000 PSI (WOG)

Temperature -50°F to 450°F (-46°C to 232°C)

End Connections Threaded ASME B1.20.1 NPT

Body Material A351 CF8M / A216 WCB

Operation Hydraulic



LUG TYPE BUTTERFLY VALVES

PRPLZ155

Lug Butterfly Valve

Lug Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range 1/4" to 2"

Pressure Rating 3000 PSI (WOG)

Temperature -50°F to 450°F (-46°C to 232°C)

End Connections Threaded ASME B1.20.1 NPT

Body Material A351 CF8M / A216 WCB

Operation Lever, Gear, Electric, Pneumatic



LUG TYPE BUTTERFLY VALVES

PRPLZ156



Lug Concentric Butterfly Valve

Lug Concentric Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic

BUTTERFLY VALVE ACTUATORS & OPERATORS

PRPFL006



P54-1 Butterfly Valve Hand Lever (Aluminium)

A standard aluminium hand lever with a 9-position notch plate (0 to 90 degrees) for manual butterfly valve operation.

Body Material	Aluminium
Operation	Manual (hand lever, 9-position notch plate 0-90 degrees)
Applications	Suited to manual butterfly valve operation in water, wastewater, fire-fighting and general industrial isolation and throttling duties.

BUTTERFLY VALVE ACTUATORS & OPERATORS

PRPLZ157



Pneumatic Actuator Butterfly Valve

Pneumatic Actuator Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Pneumatic

PTFE LINED BUTTERFLY VALVES

PRPLZ158

PTFE Lined Butterfly Valve

PTFE Lined Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic



PTFE LINED BUTTERFLY VALVES

PRPLZ159

Teflon Lined Butterfly Valve

Teflon Lined Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic



ECCENTRIC HARD-SEALED BUTTERFLY VALVES

PRPLJ006

Three-Dimensional Eccentric Hard-Sealed Butterfly Valve

Triple offset style hard-sealed butterfly valve for demanding shutoff duties.

Applications	Oil and gas, petrochemical, industrial processing, power generation, utilities
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Butterfly Valves (continued)

25 products



ECCENTRIC HARD-SEALED BUTTERFLY VALVES

PRPLZ160

Triple Eccentric Butterfly Valve

Triple Eccentric Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	'-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic



PRPLZ161

U Type Butterfly Valve

U Type Butterfly Valve from ZQV/ZHENGQIU, a quarter-turn butterfly valve for compact, reliable isolation and throttling.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	'-50°F to 450°F (-46°C to 232°C)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Lever, Gear, Electric, Pneumatic



WAFER BUTTERFLY VALVES

PRPLZ162

Wafer Butterfly Valve

Compact wafer-type butterfly valve for quarter-turn on/off and throttling control in space-restricted piping.

Size Range	DN50 to DN600 (2" to 24")
Pressure Rating	PN10 / PN16 / ANSI Class 150
Temperature	-29°C to 120°C (-20°F to 250°F)
End Connections	Wafer (clamped between flanges)
Body Material	Ductile iron / WCB cast steel
Operation	Lever

SOFT-SEAL BUTTERFLY VALVES

PRPLZ163

Wafer Concentric Butterfly Valve

Concentric resilient-seated wafer butterfly valve delivering reliable quarter-turn bubble-tight shut-off.



Size Range	DN50 to DN600 (2" to 24")
Pressure Rating	PN10 / PN16 / ANSI Class 150
Temperature	-29°C to 120°C (-20°F to 250°F)
End Connections	Wafer (clamped between flanges)
Body Material	Ductile iron / WCB cast steel
Operation	Lever

Check Valves

72 products



SWING CHECK VALVES

PRPFL034

API Check Valve 150LB

API 6D flanged swing check valve, Class 150, in cast steel for oil, gas and process pipelines.

Size Range	2 in. - 24 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Automatic (non-return)
Design Standard	API 6D



SWING CHECK VALVES

PRPFL035

API Check Valve 300LB

API 6D flanged swing check valve, Class 300, in cast steel for oil, gas and process pipelines.

Size Range	2 in. - 24 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Automatic (non-return)
Design Standard	API 6D



SWING CHECK VALVES

PRPFL036

API Check Valve 600LB

API 6D flanged swing check valve, Class 600, in cast steel for oil, gas and process pipelines.

Size Range	2 in. - 24 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Automatic (non-return)
Design Standard	API 6D

PRPLZ164

API6D 90-Degree Horizontal Disc Check Valve 150LB

An API 6D horizontal-disc check valve in carbon steel for Class 150 backflow prevention in pipeline service.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face (ASME Class 150), with RTJ available
Body Material	Carbon steel (WCB), with LCC, LCB, CF8M, 2205 and special grades available
Operation	Automatic (non-return)

PRPLZ165

API6D Carbon Steel Check Valve 150LB 300LB

An API 6D carbon steel check valve rated for ASME Class 150 and 300 backflow prevention in pipeline and process service.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 300
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face (ASME Class 150 / 300), with RTJ available
Body Material	Carbon steel (WCB), with LCC, LCB, CF8M, 2205 and special grades available
Operation	Automatic (non-return)

SILENT CHECK VALVES**PRPLZ166**

Axial Flow Check Valve

A spring-loaded axial-flow nozzle check valve engineered for non-slam, low-pressure-drop backflow prevention.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face, with RTJ, butt-weld and wafer options available
Body Material	Carbon steel (WCB), with LCC, LCB, CF8M, 2205 and special grades available
Operation	Automatic (non-return)

BALL CHECK VALVES

PRPFL039

Ball Check Valve BS EN1074-3 F6 (CV05)

Full-bore ductile iron ball check valve to BS EN1074-3 with a rubber-coated ball for non-return service in water and wastewater lines.

Size Range	DN40-DN300
Pressure Rating	PN10/PN16
End Connections	Flanged (EN 1092-2 PN10/16)
Body Material	Ductile Iron GGG50
Operation	Automatic (non-return)
Design Standard	BS EN1074-3 / BS 12334



BALL CHECK VALVES

PRPLZ167

Ball Type Check Valve

A ball-type check valve that uses a free-moving spherical closure member for reliable non-return service on viscous or solids-bearing media.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 600
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face, with threaded and socket-weld options available
Body Material	Cast carbon steel (WCB), with stainless and special grades available
Operation	Automatic (non-return)



FORGED STEEL CHECK VALVES

PRPLZ168

Bolted Bonnet Threaded BSPT Check Valve

A forged-steel bolted-bonnet check valve with BSPT threaded ends for compact, high-pressure non-return service.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 800
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded BSPT, with NPT and socket-weld options available
Body Material	Forged carbon steel (A105), with stainless and special grades available
Operation	Automatic (non-return)



PRPLZ169

Bolted Cover Tilt Disc Check Valve

A bolted-cover tilting-disc check valve giving fast, non-slam closure for pump-discharge and high-flow backflow prevention.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face, with RTJ and butt-weld options available
Body Material	Cast carbon steel (WCB), with LCC, CF8M, 2205 and special grades available
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ170

Bronze Dual Plate Check Valve

A compact bronze dual-plate wafer check valve offering corrosion-resistant, non-slam backflow prevention for water and marine service.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 300
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer (sandwiched between flanges), with lug option available
Body Material	Cast bronze body
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ171

Butterfly Type Check Valve

A butterfly (dual-plate) wafer check valve providing lightweight, non-slam backflow protection in a short face-to-face body.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 300
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer, with lug option available
Body Material	Cast carbon steel (WCB), with stainless and special grades available
Operation	Automatic (non-return)

SWING CHECK VALVES
PRPFL025

C95800 Aluminium Bronze Check Valve

A nickel-aluminium bronze C95800 check valve built for corrosion-free service in sea water and marine applications.



End Connections	Flanged
Body Material	Nickel-aluminium bronze C95800
Operation	Automatic (non-return)
Applications	Sea water cooling and circulation, marine and offshore systems, and desalination plants.

OILFIELD CHECK VALVES
PRPLZ172

Carbon Steel Threaded Check Valve 3000 PSI

An oilfield carbon steel threaded check valve 3000 psi for non-return / backflow prevention in oil and gas and high pressure service.



Size Range	1" , 2" , 3" , 4"
Pressure Rating	3000 PSI (WOG) , 5000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT ,API 5B LP
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)

PRPLZ173

Cast Bronze Check Valve

A cast bronze swing check valve for corrosion-resistant non-return service in water, marine and light-industrial systems.



Size Range	1/2"-24"
Pressure Rating	200 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (NPT), with flanged and soldered options available
Body Material	Cast bronze body
Operation	Automatic (non-return)

PRPLZ174

Cast Iron Check Valve

A flanged cast iron swing check valve for economical backflow prevention in water, HVAC and general utility service.



Size Range	1/2"-24"
Pressure Rating	200 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Flat Face (ASME Class 125/150)
Body Material	Cast iron body (with bronze trim)
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ175

Cast Iron Dual Plate Check Valve

A cast iron dual-plate wafer check valve giving compact, non-slam backflow prevention for waterworks and HVAC pipelines.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 125 to 250
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer, with lug option available
Body Material	Cast iron body (ductile/grey iron)
Operation	Automatic (non-return)

PRPLZ176

Cast Steel Check Valve

A cast carbon steel swing check valve for reliable backflow prevention across oil, gas and process pipeline service.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face, with RTJ and butt-weld options available
Body Material	Cast carbon steel (WCB), with LCC, LCB, CF8M, 2205 and special grades available
Operation	Automatic (non-return)

SWING CHECK VALVES

PRPLZ177

Cast Steel Flanged Swing Check Valves Class

A flanged cast steel swing check valve that prevents reverse flow automatically across class 150 to 1500 piping systems.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face / RTJ; Threaded; Socket Weld
Body Material	Cast steel (WCB, LCC, LCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)



SWING CHECK VALVES

PRPLZ178

Casting Pressure Seal Flanged Swing Check Valve 900LB

A pressure-seal cast steel swing check valve rated to Class 900 that automatically stops reverse flow in high-pressure lines.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face / RTJ
Body Material	Cast steel (WCB, LCC, LCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)



SWING CHECK VALVES

PRPLZ179

Casting Steel Flanged Swing Check Valve

A flanged casting steel swing check valve that automatically prevents backflow in general industrial pipelines.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face / RTJ; Socket Weld
Body Material	Cast steel (WCB, LCC, LCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)



Check Valves (continued)

72 products



DUAL PLATE CHECK VALVES

PRPFL031

CV01 Dual Plate Wafer Check Valve

Dual plate wafer check valve to DIN 3356 / API 594, sizes DN50 to DN600.

Size Range	DN50 to DN600
Design Standard	DIN 3356, API 594
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



RUBBER FLAP CHECK VALVES

PRPFL037

CV02-45 Flap Check Valve

A 45-degree flapper swing check valve with a bolted bonnet for low-headloss non-return service on water and sewage.

Size Range	DN50-DN700
Pressure Rating	PN10/PN16
End Connections	Flanged to EN1092-2 / ASME B16.1 / B16.42
Body Material	Ductile iron GGG50
Operation	Automatic (pressure actuated)
Design Standard	BS EN 5153



SWING CHECK VALVES

PRPFL032

CV03 Swing Check Valve DIN3202 F6 PN10/PN16

Flanged swing check valve to DIN 3202 F6, PN10/PN16, DN40 to DN300.

Size Range	DN40 to DN300
Pressure Rating	PN10/PN16
Design Standard	DIN 3352
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

SWING CHECK VALVES

PRPFL038

CV04 BS5153 Swing Check Valve with Counterweight

A BS5153 bolted-bonnet swing check valve with lever and counterweight to prevent flow reversal and reduce slam.



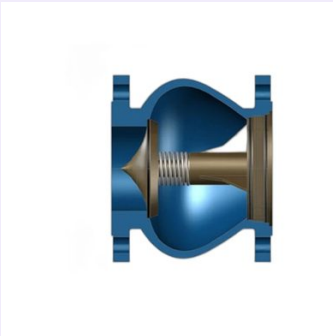
Size Range	DN50-DN400
Pressure Rating	PN10/PN16
End Connections	Flanged (EN1092-2 PN10/16)
Body Material	Ductile iron GGG50
Operation	Automatic with lever and counterweight
Design Standard	BS5153

SILENT CHECK VALVES

PRPFL040

CV06-Silent Check Valve DIN F4 PN10/PN16

A spring-loaded silent (axial) check valve to DIN F4 that closes before flow reversal to eliminate water hammer.



Size Range	DN50-DN200
Pressure Rating	PN10/PN16
End Connections	Flanged to EN1092-2 PN10/16
Body Material	Ductile iron GGG50
Operation	Automatic (spring assisted)
Design Standard	DIN F4

SILENT CHECK VALVES

PRPLJ007

CVKR Silent Check Valve

CVKR silent check valve for pump protection in water systems.



Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection
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DUAL PLATE CHECK VALVES

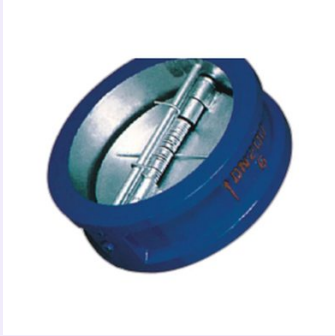
PRPLJ008

DDCV / HD77X Wafer Double-Petal Check Valve

HD77X wafer double-petal check valve for compact non-return duty.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



SWING CHECK VALVES

PRPFL042

DIN Flanged Cast Steel Swing Check Valve

A DIN flanged cast steel swing check valve with bolted cap that prevents flow reversal in horizontal or vertical lines.

Size Range DN50-DN600

Pressure Rating PN10 to PN250

End Connections Flanged

Body Material Cast steel (1.0619, 1.1138, 1.4306, 1.4308, 1.4408, 1.7706)

Operation Automatic (non-return)

Design Standard DIN



PRPLZ180

DIN Lift Check Valve

A DIN-standard lift check valve that uses a vertically guided disc to block reverse flow automatically.

Size Range 1/2" to 24"

Pressure Rating ANSI Class 150 to 1500

Temperature -46°C to 232°C (-50°F to 450°F)

End Connections Flanged (DIN), Threaded, Socket Weld

Body Material Cast steel (WCB, LCC, LCB, CF8M, 2205 and special grades)

Operation Automatic (non-return)



DUAL PLATE CHECK VALVES

PRPLZ181



Double Disc Wafer Lug Body Check Valve

A lug-body dual-plate wafer check valve with twin spring-loaded plates for fast, automatic backflow prevention.

Size Range	2" to 48"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Lug body, wafer-style between ASME flanges
Body Material	Cast steel / stainless (WCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)

SILENT CHECK VALVES

PRPLJ009



DRVZ / HC42T Silent Check Valve

DRVZ / HC42T silent check valve for vertical or horizontal installation.

Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection
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DUAL PLATE CHECK VALVES

PRPLZ182



Dual Disc Wafer Flanged Swing Check Valve

A dual-disc wafer check valve with flanged ends that prevents reverse flow using two spring-assisted plates.

Size Range	2" to 48"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face
Body Material	Cast steel / stainless (WCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ183

Dual-Plate Wafer Check Valve 150LB 300LB

A Class 150 to 300 dual-plate wafer check valve that fits between flanges for compact, automatic backflow prevention.



Size Range	2" to 48"
Pressure Rating	ANSI Class 150 to 300
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer-style between ASME Class 150 / 300 flanges
Body Material	Cast steel / stainless (WCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)

OILFIELD CHECK VALVES

PRPLZ184

Ductile Iron Grooved End Check Valve

An oilfield ductile iron grooved end check valve for non-return / backflow prevention in oil and gas and high pressure service.



Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)

OILFIELD CHECK VALVES

PRPLZ185

Ductile Iron Oil Patch Check Valve

An oilfield ductile iron oil patch check valve for non-return / backflow prevention in oil and gas and high pressure service.



Size Range	1" , 2" , 3" , 4"
Pressure Rating	300 PSI (WOG) - 2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT ,API 5B LP
Body Material	Ductile Iron A395 DI
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ186



Flanged Dual Plate Check Valve

A flanged dual-plate check valve using two spring-loaded plates to stop reverse flow quickly and automatically.

Size Range	2" to 48"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face
Body Material	Cast steel / stainless (WCB, CF8M, 2205 and special grades)
Operation	Automatic (non-return)

FORGED STEEL CHECK VALVES

PRPLZ187



Flanged End Check Valve

A forged steel flanged-end check valve that automatically prevents backflow across a wide range of pressure classes.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face / RTJ
Body Material	Forged steel (A105, LF2, F11, F22, F304/316 and special grades)
Operation	Automatic (non-return)

FOOT VALVES

PRPFL033



Foot Valve 01 DN50-DN300

Flanged foot valve with strainer for pump suction lines, DN50 to DN300.

Size Range	DN50 to DN300
Pressure Rating	PN16
End Connections	Flanged EN 1092-2
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

FOOT VALVES

PRPFL041

Foot Valve DN350-DN800 (Foot Valve 02)

Large-diameter ductile iron foot valve with stainless steel strainer screen for pump suction lines from DN350 to DN800.

Size Range	DN350-DN800
Pressure Rating	PN16
End Connections	Flanged (EN 1092-2 PN16)
Body Material	Ductile Iron GGG50
Operation	Automatic (non-return)
Applications	Pump suction lines in water and wastewater abstraction.



FORGED STEEL CHECK VALVES

PRPLZ188

Forged Bronze Check Valve

A forged bronze check valve offering automatic, corrosion-resistant backflow prevention for water and marine systems.

Size Range	1/2" to 4"
Pressure Rating	Class 150 to 800
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (BSPT/NPT), Socket Weld
Body Material	Forged bronze
Operation	Automatic (non-return)



FORGED STEEL CHECK VALVES

PRPLZ189

Forged Piston Check Valve

A forged steel piston check valve that uses a guided piston disc for tight, automatic shut-off against reverse flow.

Size Range	1/2" to 4"
Pressure Rating	Class 800 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (BSPT/NPT), Socket Weld, Flanged
Body Material	Forged steel (A105, LF2, F11, F22, F304/316 and special grades)
Operation	Automatic (non-return)



Check Valves (continued)

72 products



FORGED STEEL CHECK VALVES

PRPLZ190

Forged Stainless Steel Check Valve

A forged stainless steel check valve providing automatic, corrosion-resistant backflow prevention for aggressive media.

Size Range	1/2" to 4"
Pressure Rating	Class 150 to 2500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (BSPT/NPT), Socket Weld, Flanged
Body Material	Forged stainless steel (F304, F316, F316L and duplex grades)
Operation	Automatic (non-return)



FORGED STEEL CHECK VALVES

PRPLZ191

Forged Steel Flanged Swing Check Valves

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ)
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)



FORGED STEEL CHECK VALVES

PRPLZ192

Forged Steel Screwed Check Valve Class 800

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (NPT/BSPT) and socket weld
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

FORGED STEEL CHECK VALVES

PRPLZ193



Forged Swing Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

SWING CHECK VALVES

PRPLZ194



Full Port Horizontal Swing Check Valve 300LB

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

SILENT CHECK VALVES

PRPLJ010



HC41X Silencing Check Valve

HC41X silencing check valve for pump discharge protection.

Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection
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SLOW-CLOSING CHECK VALVES

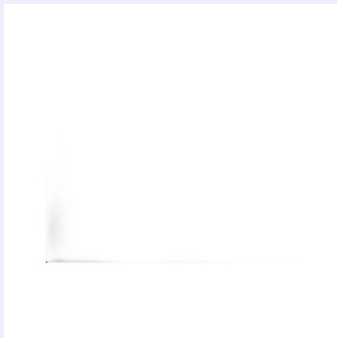
PRPLJ011

HH44X Small Resistance Slow-Closing Check Valve

HH44X small resistance slow-closing check valve for surge control.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



SLOW-CLOSING CHECK VALVES

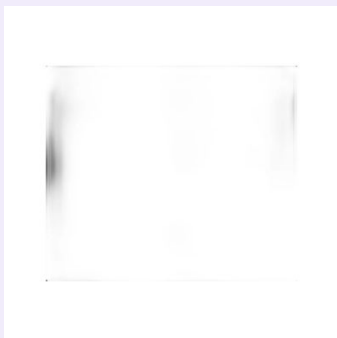
PRPLJ012

HH47X / H47X / HDH47X Butterfly Buffering Check Valve

HH47X / H47X / HDH47X butterfly buffering check valve for pump stations.

Applications

Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



OILFIELD CHECK VALVES

PRPLZ196

High Pressure Inline Check Valve 6000PSI

An oilfield high pressure inline check valve 6000psi for non-return / backflow prevention in oil and gas and high pressure service.

Size Range	1/8" , 1/4" ,1/2" ,3/4",1"
Pressure Rating	6000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A182 F316
Operation	Automatic (non-return)



PRPLZ197

Investment Casting Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ198

Lift Wafer Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer / lug, fits between ANSI flanges
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ199

Lug Type Dual Plate Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer / lug, fits between ANSI flanges
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

SILENT CHECK VALVES

PRPLZ200

Non Slam Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

OILFIELD CHECK VALVES

PRPLZ201

NPT Threaded Swing Check Valve 300 PSI

An oilfield npt threaded swing check valve 300 psi for non-return / backflow prevention in oil and gas and high pressure service.



Size Range	1" , 2" , 3" , 4"
Pressure Rating	300 PSI (WOG) - 2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT ,API 5B LP
Body Material	Ductile Iron A395 DI
Operation	Automatic (non-return)

OILFIELD CHECK VALVES

PRPLZ202

Oil Field Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

PRPLZ207

Power Station Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

FORGED STEEL CHECK VALVES
PRPLZ208

Pressure Seal Piston Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

FORGED STEEL CHECK VALVES
PRPLZ209

Pressure Seal Swing Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

FORGED STEEL CHECK VALVES

PRPLZ210

Pressure Seal Threaded Check Valve 1500LB 2500LB

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (NPT/BSPT) and socket weld
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

PRPLZ211

Pressure Seal Tilting Disc Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ212

Retainerless Dual Disc Wafer Flanged Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer / lug, fits between ANSI flanges
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

Check Valves (continued)

72 products



RUBBER FLAP CHECK VALVES

PRPLJ013

SFCV / HC44X Rubber Flap Check Valve

SFCV / HC44X rubber flap check valve for sewage and raw water.

Applications

Sewage pumping, stormwater, raw water intakes



DUAL PLATE CHECK VALVES

PRPLZ213

Single Disc Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)



DUAL PLATE CHECK VALVES

PRPLZ214

Single Disc Swing Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ215

Single Plate Wafer Swing Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer / lug, fits between ANSI flanges
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

PRPLZ216

Stainless Steel Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

SWING CHECK VALVES

PRPLZ217

Swing Flex Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.



Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ218



Tilting Disc Wafer Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer / lug, fits between ANSI flanges
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

DUAL PLATE CHECK VALVES

PRPLZ219



Wafer Dual Plate Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Wafer / lug, fits between ANSI flanges
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

FORGED STEEL CHECK VALVES

PRPLZ220



Y Type Check Valve

Automatic non-return check valve providing reliable backflow prevention across a Class 150 to 1500 range.

Size Range	1/2"-24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (raised face / RTJ), with threaded and socket weld options
Body Material	WCB, LCC, LCB, CF8M, 2205 duplex and special materials
Operation	Automatic (non-return)

Control Valves

17 products



PRESSURE RELIEF / SUSTAINING VALVES

PRPLJ014

AX742X Safety Pressure Discharging Retaining Valve

A safety pressure relief and sustaining valve that discharges excess pressure to protect the system while maintaining a minimum upstream pressure.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, pilot controlled
Design Standard	GB/T, manufacturer standard



REMOTE FLOAT VALVES

PRPLJ015

F745X Remote Control Floating Valve

A remote control float valve that maintains tank level via a remote float pilot, closing drip-tight when the set level is reached.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Remote float pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard



ELECTRIC CONTROL VALVES

PRPLJ016

J145X Electric Remote Control Valve

An electrically operated hydraulic control valve for remote open/close duty, combining a diaphragm main valve with an electric pilot solenoid for automated isolation.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Electric solenoid pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard

PUMP CONTROL VALVES

PRPLJ017

JD745X Multifunctional Water Pump Control Valve

A multifunctional pump control valve that sequences opening and closing with pump start/stop to eliminate surge and water hammer on pumping systems.

Size Range	DN80 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Solenoid pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard



LIMIT FLOW CHECK VALVES

PRPLJ018

SJ1000X Limit Flow Check Valve

A combined flow-limiting and check valve that caps maximum flow while also preventing reverse flow in a single hydraulic control valve body.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, pilot controlled
Design Standard	GB/T, manufacturer standard



WATER LEVEL CONTROL VALVES

PRPLJ019

SJ100D Water Level Setting Valve

A water level setting valve that automatically fills a tank to a set high level and shuts off, reopening when the level falls to the low setpoint.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Level pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard



HYDRAULIC CONTROL VALVES

PRPLJ020

SJ100X Remote-Controlled Floating Valve

A remote-controlled float valve that maintains reservoir or tank level using a hydraulically actuated main valve and a remote float pilot.



Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Remote float pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard

HYDRAULIC CONTROL VALVES

PRPLJ021

SJ101X Level Electromotion Control Valve

An electromotion level control valve combining electric level signalling with hydraulic actuation for precise automated tank level management.



Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Electric level pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard

PRESSURE REDUCING VALVES

PRPLJ022

SJ200X Adjustable Pressure Reducing Valve

An adjustable pressure reducing valve that automatically maintains a constant, lower downstream pressure regardless of varying inlet pressure or demand.



Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, pilot controlled
Design Standard	GB/T, manufacturer standard

SLOW-CLOSING CHECK CONTROL VALVES

PRPLJ023

SJ300X Slowly Closed Damping Check Valve

A slow-closing damping check valve that prevents reverse flow with a controlled, two-speed closure to eliminate slam and water hammer.

Size Range	DN80 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, hydraulically damped
Design Standard	GB/T, manufacturer standard



FLOW CONTROL VALVES

PRPLJ024

SJ400X Flow Control Valve

A flow control valve that automatically limits maximum flow to a preset rate regardless of upstream or downstream pressure variation.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, pilot controlled
Design Standard	GB/T, manufacturer standard



PRESSURE RELIEF / SUSTAINING VALVES

PRPLJ025

SJ500X Pressure Discharge Sustain Valve

A pressure sustaining and relief valve that maintains a preset minimum upstream pressure and discharges surplus pressure to protect the system.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, pilot controlled
Design Standard	GB/T, manufacturer standard



ELECTRIC CONTROL VALVES

PRPLJ026

SJ600X Hydraulic Electric Control Valve

A hydraulic-electric control valve that combines solenoid pilot control with hydraulic actuation for accurate remote regulation of flow and pressure.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Electric pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard



PUMP CONTROL VALVES

PRPLJ027

SJ700X Pump Control Valve

A pump control valve that provides surge-free opening on pump start and controlled, non-slam closure with reverse-flow prevention on shutdown.

Size Range	DN80 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Solenoid pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard



BALANCING VALVES

PRPLJ028

SJ800 Differential Bypass Balancing Valve

A differential bypass balancing valve that automatically maintains a constant pressure differential across a circuit, ensuring stable flow distribution in heating and chilled-water systems.

Size Range	DN50 to DN300
Pressure Rating	PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated (pilot controlled)
Design Standard	GB/T, manufacturer standard



EMERGENCY CLOSING VALVES

PRPLJ029

SJ900X Emergency Close Valve

An emergency shut-off control valve that closes rapidly on a trip signal to isolate flow and protect downstream equipment and infrastructure.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Solenoid trip, hydraulically actuated
Design Standard	GB/T, manufacturer standard



PRESSURE REDUCING VALVES

PRPLJ030

YX741X Adjustable Pressure Reducing and Stabilising Valve

A pressure reducing and stabilising valve that delivers a stable reduced downstream pressure with enhanced damping against pressure fluctuation.

Size Range	DN50 to DN600
Pressure Rating	PN16 / PN25
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated, pilot controlled
Design Standard	GB/T, manufacturer standard



Expansion Joints

2 products



PRPFL043

EJ01 Flange End Rubber Expansion Joint

A flanged rubber expansion joint that absorbs vibration, noise, thermal movement and pipe misalignment.

Size Range	DN32-DN600
Pressure Rating	1.6 MPa working (4.8 MPa burst)
Temperature	-20C to +115C
End Connections	Flanged forged steel (EN1092-1 / DIN / JIS / GOST / ANSI)
Body Material	EPDM / NBR rubber bellow with forged steel flanges
Operation	N/A (flexible connector)



PRPFL044

EJ02 Thread End Rubber Expansion Joint

A threaded-end rubber expansion joint that absorbs movement and compensates for thermal expansion in piping systems.

Size Range	DN15-DN400
End Connections	BSP/NPT female threaded (ISO228-1)
Body Material	EPDM rubber bellow with galvanised cast iron unions
Applications	Fresh and sea water lines, hot water systems, and air and gas piping requiring movement compensation.

Gate Valves

58 products



CAST STEEL GATE VALVES

PRPFL060

API Gate Valve 150LB

API 600 flanged cast steel gate valve, Class 150, for on/off isolation on oil, gas and process pipelines.

Size Range	2 in. - 48 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Handwheel (gear or actuator optional)
Design Standard	API 600



CAST STEEL GATE VALVES

PRPFL061

API Gate Valve 300LB

API 600 flanged cast steel gate valve, Class 300, for on/off isolation on oil, gas and process pipelines.

Size Range	2 in. - 48 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Handwheel (gear or actuator optional)
Design Standard	API 600



CAST STEEL GATE VALVES

PRPFL062

API Gate Valve 600LB

API 600 flanged cast steel gate valve, Class 600, for on/off isolation on oil, gas and process pipelines.

Size Range	2 in. - 48 in.
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Handwheel (gear or actuator optional)
Design Standard	API 600

CAST STEEL GATE VALVES

PRPLZ221

API600 Cast Steel Rising Stem Flanged Gate Valve

An API 600 cast steel rising-stem flanged gate valve for on/off isolation duty in pipelines and process plant.

Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (Raised Face or RTJ)
Body Material	Cast carbon steel (WCB), with A105N / LCC / LF2 / CF8M / 316 / 316L options
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ222

API602 Carbon Steel SW Gate Valve

An API 602 forged carbon steel socket-weld gate valve for compact small-bore isolation in high-pressure lines.

Size Range	1/2" to 2"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket weld, threaded (NPT) or threaded x socket weld
Body Material	Forged carbon steel (A105N), with LF2 / F316 / F316L options
Operation	Handwheel, Gear, Electric, Pneumatic



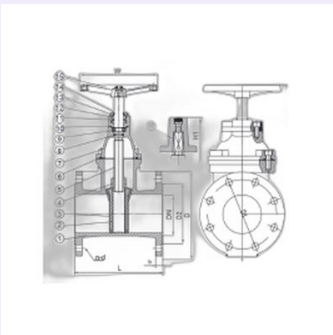
RESILIENT SEATED GATE VALVES

PRPFL054

AWWA C515 / C509 Non-Rising Stem Resilient Seat Gate Valve

AWWA C515/C509 resilient seated gate valve, non-rising stem.

Pressure Rating	PN10/PN16
Design Standard	AWWA C515, AWWA C509
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



RESILIENT SEATED GATE VALVES
PRPFL055

AWWA C515 / C509 Rising Stem Resilient Seat Gate Valve

AWWA C515/C509 resilient seated gate valve, rising stem.



Pressure Rating PN10/PN16

Design Standard AWWA C515, AWWA C509

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

CAST STEEL GATE VALVES
PRPLZ223

Bellow Sealed Gate Valve

A bellow-sealed cast steel gate valve providing zero-leakage stem sealing for hazardous and volatile media.



Size Range 1/2" to 24"

Pressure Rating ANSI Class 150 to 1500

Temperature -46°C to 232°C (-50°F to 450°F)

End Connections Flanged (Raised Face or RTJ)

Body Material Cast carbon steel (WCB), with CF8M / 316 / 316L options

Operation Handwheel, Gear, Electric, Pneumatic

RESILIENT SEATED GATE VALVES
PRPFL056

Big Size Resilient Seat Gate Valve

Large diameter resilient seated gate valve DN350 to DN1200.



Pressure Rating PN10/PN16

Design Standard DIN 3352

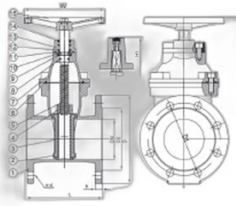
Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

RESILIENT SEATED GATE VALVES

PRPFL057

BS5163 / BS664 / BS665 Resilient Seat Gate Valve

BS 5163 / BS 664 / BS 665 resilient seated gate valve.



Pressure Rating PN10/PN16

Design Standard BS 5163

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

PRPFL023

C95800 Aluminium Bronze Gate Valve

Aluminium bronze (C95800) gate valve engineered for corrosion resistance in sea water and salt water service.



End Connections Flanged

Body Material Aluminium Bronze C95800

Operation Handwheel

Applications Sea water, salt water, marine, desalination and offshore pipelines.

CAST STEEL GATE VALVES

PRPLZ224

Cast Bronze Gate Valve

A cast bronze gate valve offering excellent corrosion resistance for water, marine and low-pressure utility service.



Size Range 1/2" to 12"

Pressure Rating PN16 / Class 125 to 150

Temperature -29°C to 208°C (-20°F to 406°F)

End Connections Threaded (NPT) or flanged

Body Material Cast bronze

Operation Handwheel, Gear, Electric, Pneumatic

CAST STEEL GATE VALVES

PRPLZ225

Cast Iron Gate Valve

A cast iron gate valve for cost-effective isolation of water, wastewater and other low-pressure utility lines.

Size Range	2" to 24"
Pressure Rating	PN16 / Class 125 to 250
Temperature	-10°C to 120°C (14°F to 248°F)
End Connections	Flanged (flat face)
Body Material	Cast iron (grey iron / ductile iron)
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GATE VALVES

PRPLZ226

Cast Steel Gate Valve

A cast carbon steel gate valve for general on/off isolation across oil, gas and process pipelines.

Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged (Raised Face or RTJ) or butt weld
Body Material	Cast carbon steel (WCB), with LCC / LF2 / CF8M / 316 options
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GATE VALVES

PRPLZ227

Cryogenic Gate Valve

A cryogenic gate valve with an extended bonnet for liquefied gas and low-temperature isolation service.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-196°C to 80°C (-321°F to 176°F)
End Connections	Flanged (Raised Face) or butt weld
Body Material	Cast stainless steel (CF8M / CF3M), low-temperature carbon steel options
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GATE VALVES

PRPLZ228

DIN F15 Non-Rising Stem Gate Valve

A DIN F15 non-rising stem gate valve with a compact face-to-face for space-restricted isolation duty.

Size Range	DN15 to DN600
Pressure Rating	PN10 to PN40
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged to DIN (PN rated)
Body Material	Cast carbon steel (WCB), with CF8M / 316 options
Operation	Handwheel, Gear



CAST STEEL GATE VALVES

PRPLZ229

DIN F4 Rising Stem Gate Valve

A DIN F4 rising-stem gate valve built to the long-pattern face-to-face for general industrial isolation.

Size Range	DN15 to DN600
Pressure Rating	PN10 to PN40
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged to DIN (PN rated)
Body Material	Cast carbon steel (WCB), with CF8M / 316 options
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GATE VALVES

PRPLZ230

DIN F5 Rising Stem Gate Valve

A DIN F5 rising-stem gate valve to the standardised face-to-face for reliable on/off pipeline isolation.

Size Range	DN15 to DN600
Pressure Rating	PN10 to PN40
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged to DIN (PN rated)
Body Material	Cast carbon steel (WCB), with CF8M / 316 options
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GATE VALVES

PRPLZ231

DIN F7 Rising Stem Gate Valve

A DIN F7 rising-stem gate valve to the short face-to-face pattern for compact isolation installations.



Size Range	DN15 to DN600
Pressure Rating	PN10 to PN40
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged to DIN (PN rated)
Body Material	Cast carbon steel (WCB), with CF8M / 316 options
Operation	Handwheel, Gear, Electric, Pneumatic

PRPFL063

DIN Gate Valve PN100

High-pressure DIN metal-seated wedge gate valve rated to PN100 for cast, alloy and stainless steel service in industrial pipelines.



Size Range	DN50-DN1200
Pressure Rating	PN10 to PN250
End Connections	Flanged
Body Material	1.0619, 1.1138, 1.4306, 1.4308, 1.4408, 1.7706
Operation	Handwheel
Design Standard	DIN

PRPFL064

DIN Gate Valve PN16

A DIN-standard cast steel gate valve rated PN16 for full-bore isolation across a wide size range.



Size Range	DN50-DN1200
Pressure Rating	PN16 (range PN10-PN250)
End Connections	Flanged (DIN)
Body Material	Carbon and stainless steel (1.0619, 1.1138, 1.4306, 1.4308, 1.4408, 1.7706)
Operation	Manual (handwheel)
Design Standard	DIN3352 / DIN2501

Gate Valves (continued)

58 products



PRPFL066

DIN Gate Valve PN40

DIN metal-seated wedge gate valve rated PN40 in carbon, alloy and stainless steel for industrial isolation duty.

Size Range	DN50-DN1200
Pressure Rating	PN10 to PN250
End Connections	Flanged
Body Material	1.0619, 1.1138, 1.4306, 1.4308, 1.4408, 1.7706
Operation	Handwheel
Design Standard	DIN



PRPFL065

DIN Rising Stem Metal Seat Gate Valve Os&y PN25

A DIN OS&Y rising-stem cast steel gate valve rated PN25 for full-bore isolation in process and utility piping.

Size Range	DN50-DN1200
Pressure Rating	PN10 to PN250
End Connections	Flanged
Body Material	Cast steel (1.0619, 1.1138, 1.4306, 1.4308, 1.4408, 1.7706)
Operation	Manual (handwheel)
Design Standard	DIN



FORGED STEEL GATE VALVES

PRPLZ232

Extended Body Gate Valve

An extended-body forged gate valve providing rigid on/off isolation with a lengthened body section for insulated, jacketed or hard-to-reach piping.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic

FORGED STEEL GATE VALVES

PRPLZ233

Flanged End Pressure Seal Gate Valve

A flanged-end pressure-seal gate valve engineered for high-pressure, high-temperature on/off isolation where bonnet integrity is critical.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ234

Forged Bellow Sealed Gate Valve

A forged bellow-sealed gate valve that uses a welded metal bellows to deliver zero-leakage stem sealing for hazardous and toxic media.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ235

Forged Bronze Gate Valve

A forged bronze gate valve offering corrosion-resistant on/off isolation for water, marine and non-aggressive utility service.

Size Range	1/2" to 24"
Pressure Rating	Class 150 to 300 (PN16 to PN40)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Forged bronze alloy (e.g. C83600 / C95800)
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ236

Forged Cryogenic Gate Valve

A forged cryogenic gate valve with an extended bonnet for leak-tight on/off isolation of LNG and other liquefied gases at ultra-low temperatures.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-196°C to 80°C (-320°F to 176°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Low-temperature austenitic stainless steel (CF8M / 316 / 316L) and LF2 / LCC
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ237

Forged Pressure Seal Gate Valve

A forged pressure-seal gate valve whose self-energising bonnet seal tightens with line pressure for high-temperature steam and hydrocarbon isolation.

Size Range	1/2" to 24"
Pressure Rating	Class 600 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ238

Forged Stainless Steel Gate Valve

A forged stainless steel gate valve delivering corrosion-resistant on/off isolation for aggressive chemical and process media.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Forged stainless steel (316 / 316L / CF8M)
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ239

Forged Steel Flanged and BW Gate Valves

A forged-steel gate valve offered with flanged or butt-weld ends for robust on/off isolation across refinery and pipeline service.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF) flanged or butt weld (BW)
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ240

Forged Steel Gate Valve

A forged-steel gate valve providing strong, leak-tight on/off isolation for general high-pressure oil, gas and process service.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GATE VALVES

PRPLZ241

Forged Steel Threaded and Socket Welded Gate Valve

A compact forged-steel gate valve with threaded or socket-weld ends for on/off isolation of small-bore high-pressure lines.

Size Range	1/2" to 2"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded (NPT), socket weld (SW), threaded x socket weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



PRPFL067

GOST Cast Steel Gate Valve PN40

A GOST-standard cast steel gate valve rated PN40, offering full-bore isolation for Russian-standard piping systems.

Size Range	DN50-DN1200
Pressure Rating	PN16 to PN250
End Connections	Flanged
Body Material	Cast steel (25L, 20GL, 1Cr18Ni9Ti, 1Cr18Ni10Mo2Ti)
Operation	Manual (handwheel)
Design Standard	GOST



CAST STEEL GATE VALVES

PRPLZ242

GOST Gate Valve

A GOST-standard gate valve built to Russian / CIS specifications for on/off isolation in oil, gas and process pipelines.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Raised face (RF), RTJ, threaded (NPT), socket weld, butt weld
Body Material	Carbon steel (WCB / A105N), low-temp (LCC / LF2), stainless (CF8M / 316 / 316L), Alloy 20, Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



GROOVED SOFT-SEAL GATE VALVES

PRPLZ243

Grooved End Resilient Seat Gate Valve

A grooved-end resilient (soft) seated gate valve giving full-bore flow and tight bubble-tight shut-off for grooved pipework.

Size Range	DN50 to DN300
Pressure Rating	PN16
End Connections	Grooved (roll-groove)
Body Material	Ductile iron, fusion-bonded epoxy coated
Operation	Handwheel / gear
Design Standard	DIN 3352 / EN 1171, grooved ends to ANSI/AWWA C606



CAST STEEL GATE VALVES

PRPLZ244

Investment Casting Screwed Gate Valve

An investment-cast screwed gate valve giving precise, smooth-finished on/off isolation for small-bore threaded piping.

Size Range	1/4" to 4"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Screwed / threaded (NPT, BSP)
Body Material	Investment-cast stainless steel (CF8 / CF8M) or carbon steel (WCB)
Operation	Handwheel, Gear, Electric, Pneumatic



METAL SEATED GATE VALVES

PRPFL068

MG01-F4-Nrs DIN3352 F4 PN10/PN16 Non-Rising Stem Metal Seat Gate Valve

A DIN3352 F4 non-rising-stem, metal-seated gate valve in ductile iron for full-bore water isolation.

Size Range	DN40-DN300
Pressure Rating	PN10/PN16
Temperature	Max 150 C
End Connections	Flanged to EN1092-2 PN10/16
Body Material	Ductile iron GGG50
Operation	Manual (handwheel)



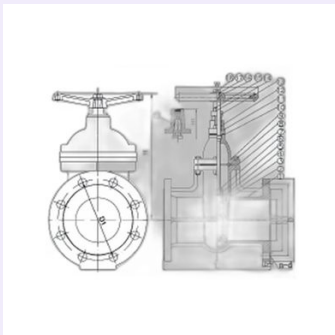
METAL SEATED GATE VALVES

PRPFL047

MG02 DIN3352 F5 PN10/PN16 Non-Rising Stem Metal Seat Gate Valve

DIN 3352 F5 metal seated gate valve, non-rising stem, PN10/PN16.

Pressure Rating	PN10/PN16
Design Standard	DIN 3352
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



METAL SEATED GATE VALVES

PRPFL069

MG03 DIN3352 F4/F5 Non-Rising Stem Metal Seat Gate Valve DN350-DN1200

A large-diameter DIN3352 non-rising stem metal-seat gate valve for DN350 to DN1200 water transmission mains.

Size Range	DN350-DN1200
End Connections	Flanged
Body Material	Ductile iron
Operation	Manual (handwheel) or gear
Design Standard	DIN3352
Applications	Large-diameter water transmission and distribution mains, pumping stations, and bulk water networks.



METAL SEATED GATE VALVES

PRPFL048

MG04 DIN3352 F4 PN10/PN16 Rising Stem Metal Seat Gate Valve

DIN 3352 F4 metal seated gate valve, rising stem, PN10/PN16.

Pressure Rating	PN10/PN16
Design Standard	DIN 3352
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



METAL SEATED GATE VALVES

PRPFL070

MG05-BS5163-Nrs BS5163 PN10/PN16 Non-Rising Stem Metal Seat Gate Valve

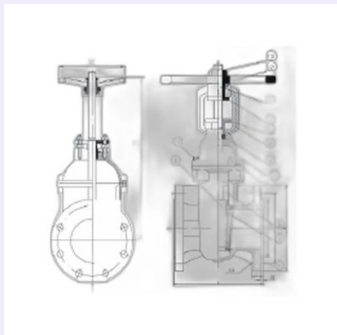
A BS5163 non-rising-stem, metal-seated gate valve in ductile iron with welded seat sealing for water mains.

Size Range	DN50-DN600
Pressure Rating	PN10/PN16
Temperature	Max 150 C
End Connections	Flanged to EN1092-2 PN10/16
Body Material	Ductile iron GGG50
Operation	Manual (handwheel)



Gate Valves (continued)

58 products



METAL SEATED GATE VALVES

PRPFL049

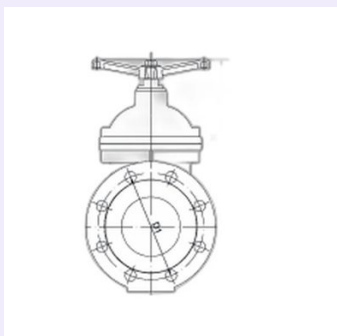
MG06 BS5163 PN10/PN16 Rising Stem Metal Seat Gate Valve

BS 5163 metal seated gate valve, rising stem, PN10/PN16.

Pressure Rating PN10/PN16

Design Standard BS 5163

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



METAL SEATED GATE VALVES

PRPFL050

MG07 BS3464 PN10/PN16 Non-Rising Stem Metal Seat Gate Valve

BS 3464 metal seated gate valve, non-rising stem, PN10/PN16.

Pressure Rating PN10/PN16

Design Standard BS 3464

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection



METAL SEATED GATE VALVES

PRPFL051

MG08 BS3464 PN10/PN16 Rising Stem Metal Seat Gate Valve

BS 3464 metal seated gate valve, rising stem, PN10/PN16.

Pressure Rating PN10/PN16

Design Standard BS 3464

Applications Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

CAST STEEL GATE VALVES

PRPLZ245

Power Station Gate Valve

Heavy-duty pressure-seal gate valve engineered for high-temperature, high-pressure power station steam and feedwater service.

Size Range	DN50 to DN600 (2" to 24")
Pressure Rating	ANSI Class 600 to 2500
Temperature	-29°C to 565°C (-20°F to 1050°F)
End Connections	Butt Weld (BW) / Flanged RF
Body Material	ASTM A217 WC6 / WC9 / C12 chrome-moly cast steel
Operation	Handwheel / Gear / Electric



CAST STEEL GATE VALVES

PRPLZ246

Pressure Seal Bonnet Gate Valve

Cast steel pressure-seal bonnet gate valve providing tight, self-energising sealing for high-pressure isolation duty.

Size Range	DN50 to DN600 (2" to 24")
Pressure Rating	ANSI Class 600 to 2500
Temperature	-29°C to 538°C (-20°F to 1000°F)
End Connections	Butt Weld (BW) / Flanged RF
Body Material	ASTM A216 WCB / A217 WC6 cast steel
Operation	Handwheel / Gear / Electric



FORGED STEEL GATE VALVES

PRPLZ247

Pressure Sealing Screwed Gate Valve

Compact forged steel gate valve combining a self-energising pressure-seal bonnet with screwed-end connections for high-pressure small-bore isolation.

Size Range	DN15 to DN50 (1/2" to 2")
Pressure Rating	ANSI Class 800 to 2500
Temperature	-29°C to 538°C (-20°F to 1000°F)
End Connections	Threaded NPT / Socket Weld (SW)
Body Material	ASTM A105 / A182 F11 / F22 forged steel
Operation	Handwheel



RESILIENT SEATED GATE VALVES

PRPFL058

PVC Socket Ends Resilient Seat Gate Valve

Resilient seated gate valve with PVC pipe socket ends.

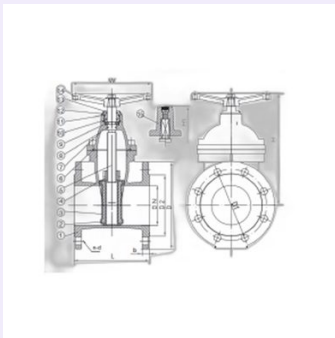
Pressure Rating PN10/PN16**Design Standard** DIN 3352**Applications** Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

RESILIENT SEATED GATE VALVES

PRPFL052

RG01 DIN3352 F4 / EN1171 PN10/PN16 Non-Rising Stem Resilient Seat Gate Valve

DIN 3352 F4 / EN 1171 resilient seated gate valve, non-rising stem.

Pressure Rating PN10/PN16**Design Standard** DIN 3352, EN 1171**Applications** Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

RESILIENT SEATED GATE VALVES

PRPFL053

RG02 DIN3352 F5 / EN1171 PN10/PN16 Non-Rising Stem Resilient Seat Gate Valve

DIN 3352 F5 / EN 1171 resilient seated gate valve, non-rising stem.

Pressure Rating PN10/PN16**Design Standard** DIN 3352, EN 1171**Applications** Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

RESILIENT SEATED GATE VALVES

PRPFL072

RG04-F4-Nrs Gland Type DIN3352 / EN1171 Resilient Seated Gate Valve (Gland Type)

A gland-type, non-rising-stem resilient-seated gate valve to DIN3352/EN1171 with a rubber-encapsulated wedge for water service.

Size Range	DN50-DN600
Pressure Rating	PN10/PN16 (25 bar working)
Temperature	-10 C to +80 C
End Connections	Flanged to EN1092-2 / ISO7005-2
Body Material	Ductile iron GGG50
Operation	Manual (handwheel)



RESILIENT SEATED GATE VALVES

PRPFL073

RG11 Pe Pipe Socket End Resilient Seat Gate Valve

A non-rising stem resilient-seat gate valve with PE pipe socket ends for direct connection to polyethylene water mains.

Size Range	DN50-DN300
Pressure Rating	250 PSI / 17.2 Bar
End Connections	PE pipe socket ends (ISO 4422)
Body Material	Ductile iron EN-GJS-500-7
Operation	Manual (handwheel)
Design Standard	DIN3352 / SABS 664



RESILIENT SEATED GATE VALVES

PRPFL074

Socket End Resilient Seat Gate Valve for DI Pipe (RG12)

Non-rising stem resilient-seated gate valve with socket ends for direct connection to ductile iron pipe.

Size Range	DN50-DN300
Pressure Rating	250 PSI / 17.2 Bar
End Connections	Socket (for DI pipe)
Body Material	Ductile Iron GGG50
Operation	Handwheel
Design Standard	DIN3352 / SABS 664



CAST STEEL GATE VALVES

PRPLZ248

Stainless Steel Gate Valve

Corrosion-resistant stainless steel gate valve for clean, hygienic and aggressive-media isolation service.



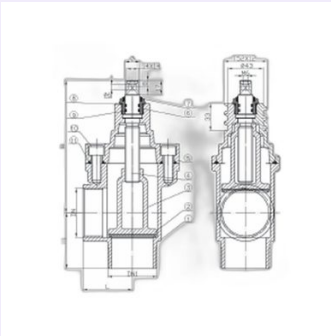
Size Range	DN15 to DN600 (1/2" to 24")
Pressure Rating	ANSI Class 150 to 600 / PN16 to PN100
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF / Butt Weld / Threaded
Body Material	ASTM A351 CF8 (304) / CF8M (316) stainless steel
Operation	Handwheel / Gear / Electric

RESILIENT SEATED GATE VALVES

PRPFL059

Thread End Angle Type Resilient Seat Gate Valve

Thread end angle pattern resilient seated gate valve.



Pressure Rating	PN10/PN16
Design Standard	DIN 3352
Applications	Water and wastewater, irrigation, pumping stations, municipal infrastructure, fire protection

RESILIENT SEATED GATE VALVES

PRPFL071

Threaded Resilient Seat Gate Valve DIN3352 (RG13)

Small-bore threaded DIN3352 resilient-seated gate valve in ductile iron for maintenance-free water isolation.



Size Range	DN15-DN50
Temperature	Up to 100 C
End Connections	Threaded (NPT / BSPT)
Body Material	Ductile Iron GGG50
Operation	Handwheel
Design Standard	DIN3352



Through Conduit Gate Valve

Slab-type through-conduit gate valve giving a smooth, fully-bored pipeline-clean flow path for pigging service.

Size Range	DN50 to DN900 (2" to 36")
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF/RTJ / Butt Weld
Body Material	ASTM A216 WCB / A105 carbon steel
Operation	Handwheel / Gear / Electric / Pneumatic

Globe Valves

42 products



PRPLJ032

American Standard Cast Steel Globe Valve

An ASME/ANSI cast steel globe valve for reliable throttling and isolation of steam, oil and gas across a wide pressure range.

Size Range	1/2" to 24"
Pressure Rating	ASME Class 150 to 2500
End Connections	Flanged RF/RTJ / Butt-weld
Body Material	Cast carbon steel (WCB)
Operation	Handwheel / gear / actuated
Design Standard	ASME B16.34 / BS 1873 / API 623



PRPLJ033

American Standard Compact Steel Globe Valve

A compact forged/cast steel globe valve to American standards for instrument, drain and small-bore throttling duties.

Size Range	1/4" to 2"
Pressure Rating	ASME Class 150 to 1500
End Connections	Threaded / socket-weld / flanged
Body Material	Forged / cast carbon steel
Operation	Handwheel
Design Standard	ASME B16.34 / API 602



PRPLJ034

American Standard High Pressure Cast Steel Globe Valve

A high-pressure American Standard cast steel globe valve for severe-service steam and process throttling at elevated class ratings.

Size Range	1/2" to 16"
Pressure Rating	ASME Class 900 to 2500
End Connections	Flanged RTJ / Butt-weld
Body Material	Cast carbon / alloy steel (WCB / WC6 / WC9)
Operation	Handwheel / gear / actuated
Design Standard	ASME B16.34 / API 623

PRPLJ035

American Standard Low Temperature Globe Valve

An American Standard low-temperature globe valve with cryogenic-suitable materials for cold and LNG service throttling and isolation.

Size Range	1/2" to 16"
Pressure Rating	ASME Class 150 to 1500
End Connections	Flanged / Butt-weld
Body Material	Low-temp carbon steel (LCB/LCC) / stainless
Operation	Handwheel / gear
Design Standard	ASME B16.34 / BS 1873



PRPLJ036

American Standard Y-Type Compact Steel Globe Valve

A Y-pattern American Standard compact steel globe valve offering low flow resistance for throttling and isolation duty.

Size Range	1/2" to 12"
Pressure Rating	ASME Class 150 to 1500
End Connections	Flanged / Butt-weld / socket-weld
Body Material	Cast / forged carbon steel
Operation	Handwheel / gear
Design Standard	ASME B16.34 / API 623



CAST STEEL GLOBE VALVES

PRPLZ250

Angle Type Globe Valve

An angle-pattern globe valve that turns flow through 90 degrees while throttling and regulating with a disc onto a seat.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF, RTJ, Threaded, Socket Weld
Body Material	WCB / A105N / LCC / LF2 / CF8M / 316 / 316L / Alloy 20 / Hastelloy C
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GLOBE VALVES

PRPLZ251

API 602 Socket Weld FNPT Globe Valve

A compact API 602 forged steel globe valve with socket weld and FNPT threaded ends for small-bore throttling and isolation.

Size Range	1/2" to 2"
Pressure Rating	ANSI Class 800 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld, FNPT Threaded
Body Material	A105N / LF2 / LCB / F11 / F22 / F304 / F316
Operation	Handwheel



FORGED STEEL GLOBE VALVES

PRPLZ252

API 602 Steel Socket Weld Globe Valve

A forged steel API 602 socket weld globe valve engineered for small-bore high-pressure throttling and isolation.

Size Range	1/2" to 2"
Pressure Rating	ANSI Class 800 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld
Body Material	A105N / LF2 / LCB / F11 / F22 / F304 / F316
Operation	Handwheel



PRPFL076

API Globe Valve 150LB

API-design cast steel globe valve rated ANSI Class 150 for reliable throttling and isolation in industrial pipelines.

Size Range	2"-16"
Pressure Rating	ANSI Class 150 to 1500
End Connections	Flanged / Butt weld
Body Material	WCB, LCB, LCC, WC6, WC9, C12, CF8, CF8M, CF3, CF3M
Operation	Handwheel
Design Standard	API 600 / API 6D



CAST STEEL GLOBE VALVES

PRPLZ253



Bellow Sealed Globe Valve

A bellows-sealed globe valve giving zero-leakage stem sealing for hazardous and high-purity throttling duties.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF, RTJ, Butt Weld, Socket Weld
Body Material	WCB / A105N / LCC / LF2 / CF8M / 316 / 316L
Operation	Handwheel, Gear, Electric, Pneumatic

PRPFL024



C95800 Globe Valve (Aluminium Bronze)

An aluminium bronze C95800 globe valve built for throttling and shut-off in seawater and corrosive service.

End Connections	Flanged
Body Material	Aluminium bronze C95800
Operation	Manual (handwheel)
Applications	Suited to seawater and brine service, offshore and marine systems, oil and gas, petrochemical and power plant throttling and isolation duties.

CAST STEEL GLOBE VALVES

PRPLZ254



Cast Bronze Globe Valve

A cast bronze globe valve for water, steam and marine services where corrosion resistance and reliable throttling are needed.

Size Range	1/2" to 4"
Pressure Rating	Class 150 to 300
Temperature	-29°C to 208°C (-20°F to 406°F)
End Connections	Threaded, Solder, Flanged
Body Material	Cast Bronze (C83600 / C92200) / Gunmetal
Operation	Handwheel

CAST STEEL GLOBE VALVES

PRPLZ255

Cast Iron Globe Valve

A flanged cast iron globe valve for economical throttling of water, steam and air in low-pressure utility systems.

Size Range	2" to 24"
Pressure Rating	Class 125 to 150
Temperature	-10°C to 220°C (14°F to 428°F)
End Connections	Flanged RF
Body Material	Cast Iron (GG25) / Ductile Iron (GGG40)
Operation	Handwheel, Gear



CAST STEEL GLOBE VALVES

PRPLZ256

Cast Steel Bolted Bonnet Flanged Globe Valves

A flanged cast steel globe valve with a bolted bonnet for reliable throttling across general process and utility service.

Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF, RTJ
Body Material	WCB / A105N / LCC / LF2 / CF8M / 316 / 316L
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GLOBE VALVES

PRPLZ257

Cast Steel Globe Valve

A cast steel globe valve for throttling and regulating liquids, gases and steam across demanding process duties.

Size Range	2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF, RTJ, Butt Weld
Body Material	WCB / A105N / LCC / LF2 / CF8M / 316 / 316L
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GLOBE VALVES

PRPLZ258



Cast Steel Pressure Seal Bonnet Globe Valve

A pressure-seal bonnet cast steel globe valve for high-pressure, high-temperature throttling in power and steam service.

Size Range	2" to 24"
Pressure Rating	ANSI Class 600 to 2500
Temperature	-29°C to 540°C (-20°F to 1004°F)
End Connections	Butt Weld, Flanged RTJ
Body Material	WCB / A217 WC6 / WC9 / C5 / C12A
Operation	Gear, Electric, Pneumatic, Handwheel

PRPFL045



Class 800 Forged Carbon Steel Gate Valve

A heavy-duty Class 800 forged carbon steel gate valve built for demanding high-pressure process applications.

Pressure Rating	Class 800
End Connections	Threaded / socket weld
Body Material	Forged carbon steel
Operation	Manual (handwheel)
Applications	High-pressure process piping, oil and gas service, and steam and instrument lines.

CAST STEEL GLOBE VALVES

PRPLZ259



Cryogenic Globe Valve

A cryogenic globe valve with extended bonnet for throttling LNG, liquid oxygen, nitrogen and other low-temperature media.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-196°C to 232°C (-320°F to 450°F)
End Connections	Flanged RF, Butt Weld
Body Material	CF8M / 316 / 316L / LCB / LF2
Operation	Handwheel, Gear, Electric, Pneumatic

FORGED STEEL GLOBE VALVES

PRPLZ260



Flanged End Globe Valve

A forged steel flanged-end globe valve for throttling and regulating small to mid-bore high-pressure lines.

Size Range	1/2" to 4"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged RF, RTJ
Body Material	A105N / LF2 / F304 / F316 / F11 / F22
Operation	Handwheel, Gear

FORGED STEEL GLOBE VALVES

PRPLZ261



Forged Bellow Sealed Globe Valve

A forged steel bellows-sealed globe valve delivering zero stem leakage for hazardous small-bore throttling service.

Size Range	1/2" to 4"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld, Butt Weld, Flanged RF
Body Material	A105N / LF2 / F304 / F316 / F11 / F22
Operation	Handwheel

FORGED STEEL GLOBE VALVES

PRPLZ262



Forged Bronze Globe Valve

A forged bronze globe valve built for reliable throttling and tight shut-off in marine, water and low-corrosion service.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded, Socket Weld, Raised Face, RTJ
Body Material	Forged bronze
Operation	Handwheel, Gear, Electric, Pneumatic

Globe Valves (continued)

42 products



FORGED STEEL GLOBE VALVES

PRPLZ263

Forged Steel Cryogenic Globe Valve

A forged steel cryogenic globe valve with an extended bonnet for throttling and isolation of liquefied gases at very low temperatures.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-196°C to 232°C (-320°F to 450°F)
End Connections	Raised Face, RTJ, Socket Weld, Threaded
Body Material	Forged low-temperature steel (LF2 / LCC)
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GLOBE VALVES

PRPLZ264

Forged Steel Flanged Globe Valve 150LB 300LB 600LB

A flanged forged steel globe valve in Class 150, 300 and 600 ratings for throttling and isolation in process piping.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 600
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face, RTJ
Body Material	Forged carbon steel (A105N) / alloy steel
Operation	Handwheel, Gear, Electric, Pneumatic



PRPFL046

Forged Steel Gate Valve A105N

Forged A105N carbon steel gate valve for compact, high-integrity isolation in oil, gas and process service.

End Connections	Threaded / Socket weld / Flanged
Body Material	Forged steel A105N
Operation	Handwheel
Design Standard	API 602
Applications	Oil & gas, steam and process pipelines needing compact high-pressure isolation.

FORGED STEEL GLOBE VALVES

PRPLZ265

Forged Steel Globe Valve

A compact forged steel globe valve for accurate throttling and tight isolation in high-pressure process service.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld, Threaded, Threaded x Socket Weld, Raised Face
Body Material	Forged carbon steel (A105N) / alloy steel
Operation	Handwheel, Gear, Electric, Pneumatic



PRPFL077

Globe Valve DIN PN16 DN100 (CF8 High Pressure)

A DIN-pattern cast/stainless steel plug-type globe valve for high-pressure shut-off and throttling up to PN100.

Size Range	DN40-DN300
Pressure Rating	PN16-PN100
End Connections	Flanged (DIN)
Body Material	Carbon and stainless steel (1.0619, 1.1138, 1.4306, 1.4308, 1.4408, 1.7706)
Operation	Manual (handwheel) or gear operated
Design Standard	DIN



PRPFL078

GV01 DIN3356 F1 Globe Valve PN16

A DIN3356 cast iron globe valve rated PN16 with bolted bonnet and graphite packing for reliable throttling and isolation.

Size Range	DN40-DN300
Pressure Rating	PN16
Temperature	Max 178 C
End Connections	Flanged (EN1092-2 PN16)
Body Material	Ductile iron GGG50
Operation	Manual (handwheel)



PRPFL080

GV02 MSS SP-85 125LB Globe Valve

A cast iron 125LB globe valve to MSS SP-85 for general-purpose water, steam and air throttling and isolation.

Size Range	2" to 12"
Pressure Rating	125LB (PN10)
End Connections	Flanged
Body Material	Cast iron, bronze trim
Operation	Handwheel
Design Standard	MSS SP-85



POWER STATION GLOBE VALVES

PRPLJ031

High-Temperature High-Pressure Power Station Globe Valve

High temperature, high pressure globe valve for power station service.

Applications	Power generation steam and feedwater systems
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CAST STEEL GLOBE VALVES

PRPLZ266

Investment Casting Globe Valve

An investment-cast globe valve with smooth flow passages for precise throttling and reliable shut-off.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded, Socket Weld, Raised Face
Body Material	Investment-cast stainless steel (CF8M) / carbon steel
Operation	Handwheel, Gear, Electric, Pneumatic



PRPFL079

MSS SP-85 Globe Valve 125LB (GV02)

Ductile iron MSS SP-85 globe valve rated Class 125 for throttling and isolation in water and general process lines.

Size Range	DN40-DN300
Pressure Rating	Class 125
Temperature	Up to 178 C
End Connections	Flanged (ANSI B16.1)
Body Material	Ductile Iron GGG50
Operation	Handwheel



VACUUM ISOLATION GLOBE VALVES

PRPLJ037

NKJ61H Vacuum Isolation Globe Valve

The NKJ61H vacuum isolation globe valve provides reliable bellows-sealed isolation for vacuum and sub-atmospheric systems.

Size Range	DN15 to DN300
Pressure Rating	Vacuum to PN16
End Connections	Flanged / Butt-weld
Body Material	Carbon / stainless steel, bellows seal
Operation	Handwheel
Design Standard	ASME B16.34 / GB/T

Image on request

OXYGEN GLOBE VALVES

PRPLJ038

Oxygen Globe Valve

An oxygen-service globe valve, degreased and cleaned for safe throttling and isolation of oxygen and oxidising gases.

Size Range	1/2" to 10"
Pressure Rating	ASME Class 150 to 600 / PN16-PN64
End Connections	Flanged / threaded
Body Material	Brass / bronze / stainless steel
Operation	Handwheel
Design Standard	Oxygen-service cleaned to GB/T / EIGA

Image on request

CAST STEEL GLOBE VALVES

PRPLZ267



Power Station Globe Valve

A heavy-duty cast steel globe valve for high-temperature steam throttling and isolation in power generation.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 600 to 2500
Temperature	-29°C to 540°C (-20°F to 1000°F)
End Connections	Butt Weld, Flanged Raised Face
Body Material	Cast alloy steel (WC6 / WC9 / Cr-Mo)
Operation	Handwheel, Gear, Electric, Pneumatic

FORGED STEEL GLOBE VALVES

PRPLZ268



Pressure Seal Forged Steel Globe Valve

A forged steel pressure-seal globe valve for high-pressure, high-temperature steam and hydrocarbon throttling.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 900 to 2500
Temperature	-29°C to 540°C (-20°F to 1000°F)
End Connections	Butt Weld, Socket Weld, Flanged Raised Face
Body Material	Forged alloy steel (A182 F11 / F22) / carbon steel
Operation	Handwheel, Gear, Electric, Pneumatic

FORGED STEEL GLOBE VALVES

PRPLZ269



Pressure Seal Globe Valve

A pressure-seal bonnet globe valve for safe throttling and isolation of high-pressure, high-temperature media.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 600 to 2500
Temperature	-29°C to 540°C (-20°F to 1000°F)
End Connections	Butt Weld, Socket Weld, Flanged Raised Face
Body Material	Forged / cast alloy steel
Operation	Handwheel, Gear, Electric, Pneumatic

FORGED STEEL GLOBE VALVES

PRPLZ270

Pressure Seal SW Threaded Globe Valve 900LB 2500LB

A socket-weld and threaded pressure-seal globe valve in Class 900 to 2500 for small-bore high-pressure lines.

Size Range	1/2" to 2"
Pressure Rating	ANSI Class 900 to 2500
Temperature	-29°C to 540°C (-20°F to 1000°F)
End Connections	Socket Weld, Threaded, Threaded x Socket Weld
Body Material	Forged alloy steel / carbon steel
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GLOBE VALVES

PRPLZ272

Stainless Steel Globe Valve (Cast)

A cast stainless steel globe valve for corrosion-resistant throttling and isolation across larger line sizes.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Flanged Raised Face, Butt Weld
Body Material	Cast stainless steel (CF8M / CF8)
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GLOBE VALVES

PRPLZ271

Stainless Steel Globe Valve (Forged)

A forged stainless steel globe valve for corrosion-resistant throttling and isolation in chemical and clean service.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld, Threaded, Raised Face
Body Material	Forged stainless steel (CF8M / 316 / 316L)
Operation	Handwheel, Gear, Electric, Pneumatic



FORGED STEEL GLOBE VALVES

PRPLZ273

T Type Globe Valve

A T-pattern globe valve with a straight-through body for general throttling and isolation duty.

Size Range	1/2" to 24"
Pressure Rating	ANSI Class 150 to 1500
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Socket Weld, Threaded, Flanged Raised Face, Butt Weld
Body Material	Forged / cast carbon steel (A105N / WCB)
Operation	Handwheel, Gear, Electric, Pneumatic



CAST STEEL GLOBE VALVES

PRPLZ274

Y Pattern Globe Valve

Cast steel Y-pattern globe valve offering low-resistance throttling and tight regulation with reduced pressure loss.

Size Range	DN15 to DN400 (1/2" to 16")
Pressure Rating	ANSI Class 150 to 900
Temperature	-29°C to 425°C (-20°F to 800°F)
End Connections	Flanged RF / Butt Weld
Body Material	ASTM A216 WCB cast steel
Operation	Handwheel / Gear / Electric



FORGED STEEL GLOBE VALVES

PRPLZ275

Y Type Globe Valve

Forged steel Y-type globe valve for high-pressure throttling and isolation with minimised flow resistance.

Size Range	DN15 to DN100 (1/2" to 4")
Pressure Rating	ANSI Class 150 to 2500
Temperature	-29°C to 538°C (-20°F to 1000°F)
End Connections	Threaded NPT / Socket Weld / Flanged RF
Body Material	ASTM A105 / A182 F11 / F22 forged steel
Operation	Handwheel / Gear



Hammer Unions

6 products



PRPLZ276

Figure 100 Hammer Union

A low-pressure Figure 100 hammer union for quick make-and-break connection of standard-service pipework.

Size Range	1" to 12"
Pressure Rating	1,000 PSI CWP (standard service)
End Connections	Threaded / butt-weld subs
Body Material	Forged carbon steel
Operation	Wing-nut hammer make-up
Design Standard	Manufacturer / industry Figure standard



PRPLZ277

Figure 102 Hammer Union

A Figure 102 hammer union for standard-service connections at moderate working pressure with quick wing-nut make-up.

Size Range	1" to 4"
Pressure Rating	1,000-1,500 PSI CWP
End Connections	Threaded / butt-weld subs
Body Material	Forged carbon steel
Operation	Wing-nut hammer make-up
Design Standard	Manufacturer / industry Figure standard



PRPLZ281

Figure 1502 Hammer Union

A high-pressure Figure 1502 hammer union rated to 15,000 PSI, the industry standard for high-pressure well service and frac connections.

Size Range	1" to 4"
Pressure Rating	15,000 PSI CWP
End Connections	Threaded / butt-weld subs
Body Material	Forged alloy steel, NACE MR0175 compliant
Operation	Wing-nut hammer make-up
Design Standard	Manufacturer / NACE MR0175

PRPLZ278

Figure 200 Hammer Union

A Figure 200 hammer union for standard-service applications at 2,000 PSI cold working pressure with quick wing-nut connection.



Size Range	1" to 12"
Pressure Rating	2,000 PSI CWP (standard service)
End Connections	Threaded / butt-weld subs
Body Material	Forged carbon steel
Operation	Wing-nut hammer make-up
Design Standard	Manufacturer / industry Figure standard

PRPLZ279

Figure 400 Hammer Union

A Figure 400 hammer union providing a quick-connect threaded union for standard-service pipework.



Size Range	1" to 6"
Pressure Rating	Standard service (type dependent)
End Connections	Threaded subs
Body Material	Forged carbon steel
Operation	Wing-nut hammer make-up
Design Standard	Manufacturer / industry Figure standard

PRPLZ280

Figure 602 Hammer Union

A high-pressure Figure 602 hammer union rated to 6,000 PSI for sour-service and high-pressure oilfield connections.



Size Range	1" to 4"
Pressure Rating	6,000 PSI CWP (sour service)
End Connections	Threaded / butt-weld subs
Body Material	Forged alloy steel, NACE MR0175 compliant
Operation	Wing-nut hammer make-up
Design Standard	Manufacturer / NACE MR0175

Needle Valves & Manifolds

9 products



BLOCK AND BLEED MANIFOLDS

PRPLZ282

2 Valve Manifold

A two-valve instrument manifold combining a block and bleed function for direct-mount static-pressure transmitters.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel / Carbon Steel (A105)
Operation	Handwheel



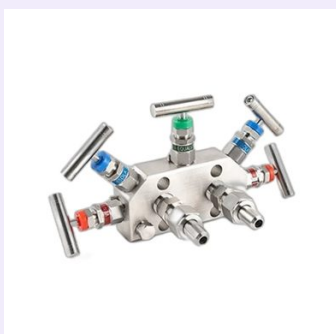
BLOCK AND BLEED MANIFOLDS

PRPLZ283

3 Valve Manifold

A three-valve manifold giving two isolation needles plus an equalising valve for differential-pressure transmitter hook-ups.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel / Carbon Steel (A105)
Operation	Handwheel



BLOCK AND BLEED MANIFOLDS

PRPLZ284

5 Valve Manifold

A five-valve manifold adding two vent/test ports to the block-and-equalise function for full DP transmitter service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel / Carbon Steel (A105)
Operation	Handwheel

ANGLE NEEDLE VALVES

PRPLZ285



Angle Type Needle Valve

An angle-pattern needle valve that turns the flow 90° while giving fine throttling and tight isolation on instrument lines.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M)
Operation	Handwheel

NEEDLE VALVES

PRPLZ286



Cast Steel Needle Valve

A carbon-steel-bodied needle valve for fine flow regulation and isolation on general industrial and instrument service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	Cast Carbon Steel (A216 WCB)
Operation	Handwheel

NEEDLE VALVES

PRPLZ287



Instrument Needle Valve

A stainless instrument needle valve for fine throttling and reliable isolation at gauges, transmitters and sampling points.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M)
Operation	Handwheel

MULTIPORT NEEDLE VALVES

PRPLZ288

Multiport Gauge Valve

A multiport gauge valve combining gauge isolation, a vent and a test connection in one needle-trimmed block.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M)
Operation	Handwheel



NEEDLE VALVES

PRPLZ289

Stainless Steel Blow Down Valve

A stainless needle-type blow-down valve for draining and venting instrument lines and manifolds.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M)
Operation	Handwheel



NEEDLE VALVES

PRPLZ290

Stainless Steel Needle Valve

A 316 stainless needle valve for fine flow regulation and tight isolation on corrosive and instrument service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	316 Stainless Steel (A351 CF8M)
Operation	Handwheel



Oilfield Valves

32 products



OILFIELD BALL VALVES

PRPLZ116

2 Piece Ductile Iron Ball Valve 2000PSI

Two-piece ductile iron di floating ball valve rated 1000 PSI (WOG) - 2000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	1000 PSI (WOG) - 2000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	Ductile Iron DI
Operation	Manual (lever operated)



OILFIELD BALL VALVES

PRPLZ117

2 Piece Oil Field Ball Valve 3000PSI

Two-piece wcb a105 floating ball valve rated 3000 PSI (WOG) - 5000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	WCB A105 / 4130
Operation	Manual (lever operated)



OILFIELD BALL VALVES

PRPLZ118

2 Piece Oil Field Ball Valve 5000PSI

Two-piece a105 floating ball valve rated 3000 PSI (WOG) - 5000 PSI(WOG) for oilfield isolation service in 2" to 4" threaded sizes.

Size Range	2" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	A105 / 4130
Operation	Manual (lever operated)

HIGH PRESSURE BALL VALVES

PRPLZ096

2 Piece Threaded Oilfield Ball Valve 2000 PSI

A two piece ductile iron oilfield ball valve with NPT or API LP ends, 1 inch to 4 inch, rated 1000-2000 PSI WOG.

Size Range	1 inch to 4 inch
Pressure Rating	1000-2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	Ductile Iron
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ028

Carbon Steel FNPT Ball Valve 5000WOG

A carbon steel female-NPT ball valve rated to 5000 PSI WOG for oilfield and high-pressure service.

Size Range	1" to 4"
Pressure Rating	3000 PSI to 5000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Female threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	Carbon steel ASTM A216 WCB / A105 / AISI 4130
Operation	Lever



OILFIELD BALL VALVES

PRPLZ119

Carbon Steel Oilfield Ball Valve 5000PSI 3000 PSI

Two-piece a105 floating ball valve rated 3000 PSI (WOG) - 5000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	A105 / 4130
Operation	Manual (lever operated)



OILFIELD BALL VALVES

PRPLZ120

Ductile Iron Oilfield Ball Valve 2000PSI

Two-piece ductile iron di floating ball valve rated 1000 PSI (WOG) - 2000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	1000 PSI (WOG) - 2000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	Ductile Iron DI
Operation	Manual (lever operated)



OILFIELD BALL VALVES

PRPLZ121

Ductile Iron Threaded Ball Valves 1000PSI 2000PSI

Two-piece ductile iron di floating ball valve rated 1000 PSI (WOG) - 2000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	1000 PSI (WOG) - 2000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	Ductile Iron DI
Operation	Manual (lever operated)



OILFIELD BALL VALVES

PRPLZ122

Ductile Iron Threaded Oilpatch Ball Valve

Two-piece ductile iron di floating ball valve rated 1000 PSI (WOG) - 2000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	1000 PSI (WOG) - 2000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	Ductile Iron DI
Operation	Manual (lever operated)



EUE 8R VALVES

PRPLZ109

EUE 8RD Threaded Body Floating Oilfield Ball Valve

An EUE 8RD threaded-body floating ball valve rated to 3600 PSI WOG for oilfield tubing connections.



Size Range	2-3/8" EUE (2-1/16"), 2-7/8" EUE (2-9/16")
Pressure Rating	3600 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	API 5B EUE 8RD
Body Material	ASTM A351 CF8M (stainless) / A216 WCB / ASTM A105
Operation	Lever

GROOVED OILFIELD VALVES

PRPLZ195

Grooved End Oil Field Check Valve

An oilfield grooved end oil field check valve for non-return / backflow prevention in oil and gas and high pressure service.



Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)

GROOVED END BALL VALVES

PRPLZ091

Grooved End Oilfield Ball Valves

Grooved End Oilfield Ball Valves engineered for reliable shut-off and isolation in general service, air, water, oil & gas applications.



Size Range	2" to 6"
Pressure Rating	1000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Grooved End (AWWA C606)
Body Material	Ductile Iron (A395)
Operation	Lever, Gearbox

OILFIELD CHECK VALVES

PRPLZ203

Oil Field Ball Type Check Valve

An oilfield oil field ball type check valve for non-return / backflow prevention in oil and gas and high pressure service.



Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)

GROOVED OILFIELD VALVES

PRPLZ123

Oil Field Ball Valve Grooved End

Two-piece ductile iron a395 floating ball valve rated 8000 PSI (WOG) - 1000 PSI(WOG) for oilfield isolation service in 2",3",4",6" threaded sizes.



Size Range	2",3",4",6"
Pressure Rating	8000 PSI (WOG) - 1000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	grooved end
Body Material	Ductile iron A395 /A351 CF8M
Operation	Manual (lever operated)

OILFIELD BALL VALVES

PRPLZ124

Oil Field Carbon Steel Ball Valve Bolted

Two-piece wcb a105 floating ball valve rated 3000 PSI (WOG) - 5000 PSI(WOG) for oilfield isolation service in 2" to 4" threaded sizes.



Size Range	2" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	WCB A105 / 4130
Operation	Manual (lever operated)

OILFIELD BALL VALVES

PRPLZ125

Oil Field Carbon Steel Ball Valve FP

Two-piece wcb a105 floating ball valve rated 3000 PSI (WOG) - 5000 PSI(WOG) for oilfield isolation service in 1" to 4" threaded sizes.

Size Range	1" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI(WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	WCB A105 / 4130
Operation	Manual (lever operated)



OILFIELD BALL VALVES

PRPLZ126

Oil Field Carbon Steel Ball Valve RP

Oil Field Carbon Steel Ball Valve Rp for oilfield and wellhead isolation with threaded NPT / API 5B connections.

Size Range	1" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	WCB A105 / 4130
Operation	Lever / Wrench (gear or actuator available on larger sizes)



OILFIELD CHECK VALVES

PRPLZ204

Oil Field Carbon Steel Check Valve

An oilfield oil field carbon steel check valve for non-return / backflow prevention in oil and gas and high pressure service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)



BOLT BODY VALVES

PRPLZ127

Oil Field Ductile Iron Ball Valve Bolted

Oil Field Ductile Iron Ball Valve Bolted for oilfield and wellhead isolation with threaded NPT / API 5B connections.

Size Range	2" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	WCB A105 / 4130
Operation	Lever / Wrench (gear or actuator available on larger sizes)



OILFIELD CHECK VALVES

PRPLZ205

Oil Field Ductile Iron Check Valve

An oilfield oil field ductile iron check valve for non-return / backflow prevention in oil and gas and high pressure service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)



OILFIELD BALL VALVES

PRPLZ128

Oil Field Ductile Iron Steel Ball Valve FP

Oil Field Ductile Iron Steel Ball Valve Fp for oilfield and wellhead isolation with threaded NPT / API 5B connections.

Size Range	1" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	WCB A105 / 4130
Operation	Lever / Wrench (gear or actuator available on larger sizes)



Oilfield Valves (continued)

32 products



OILFIELD BALL VALVES

PRPLZ129

Oil Field Ductile Iron Steel Ball Valve RP

Oil Field Ductile Iron Steel Ball Valve Rp for oilfield and wellhead isolation with threaded NPT / API 5B connections.

Size Range	1" to 4"
Pressure Rating	1000 PSI (WOG) - 2000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	Ductile Iron DI
Operation	Lever / Wrench (gear or actuator available on larger sizes)



OILFIELD BALL VALVES

PRPLZ130

Oil Field Stainless Steel Ball Valve FP

Oil Field Stainless Steel Ball Valve Fp for oilfield and wellhead isolation with threaded NPT / API 5B connections.

Size Range	1" to 4"
Pressure Rating	3000 PSI (WOG) - 5000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT / API 5B LP
Body Material	SS316 STAINLESS STEEL
Operation	Lever / Wrench (gear or actuator available on larger sizes)



OILFIELD CHECK VALVES

PRPLZ206

Oil Field Stainless Steel Check Valve

An oilfield oil field stainless steel check valve for non-return / backflow prevention in oil and gas and high pressure service.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M / A216 WCB
Operation	Automatic (non-return)

CARBON STEEL BALL VALVES

PRPLZ034

Oil Patch Ball Valve 600psi to 5000psi

An oil-patch ball valve covering 600 to 5000 PSI WOG for wellhead and production isolation.

Size Range	1" to 4"
Pressure Rating	600 PSI to 5000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	ASTM A105 / AISI 4130 carbon steel
Operation	Lever



BOLT BODY VALVES

PRPLZ039

Threaded Bolted Body Full Port Ball Valves

A threaded bolted-body full-port ball valve rated to 5000 PSI WOG for serviceable high-pressure flow.

Size Range	2" to 4"
Pressure Rating	3000 PSI to 5000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	ASTM A105 / AISI 4130 carbon steel
Operation	Lever



CARBON STEEL BALL VALVES

PRPLZ040

Threaded Carbon Steel Oilfield Floating Ball Valve

A threaded carbon steel floating ball valve for oilfield service rated to 5000 PSI WOG.

Size Range	1" to 4"
Pressure Rating	3000 PSI to 5000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	ASTM A105 / AISI 4130 carbon steel
Operation	Lever



HIGH PRESSURE BALL VALVES

PRPLZ113

Threaded Ductile Iron Oilfield Floating Ball Valve

A threaded ductile iron floating ball valve for oilfield service rated to 2000 PSI WOG.

Size Range	1" to 4"
Pressure Rating	1000 PSI to 2000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	Ductile iron (DI)
Operation	Lever



BOLT BODY VALVES

PRPLZ041

Threaded End Bolted Body Floating Ball Valve

A forged carbon steel bolted-body floating ball valve rated to 3000 PSI WOG for small-bore high-pressure isolation.

Size Range	1/4" to 1"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	ASTM A105
Design Standard	ASME B16.34, MSS SP-110



BOLT BODY VALVES

PRPLZ042

Threaded End Bolted Body Floating Ball Valve

A threaded-end bolted-body floating ball valve rated to 3000 PSI WOG for compact high-pressure isolation.

Size Range	1/4" to 1"
Pressure Rating	3000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1)
Body Material	ASTM A105 carbon steel
Operation	Lever



BOLT BODY VALVES**PRPLZ043****Threaded End Bolted Body Floating Ball Valve 5000PSI**

A threaded-end bolted-body floating ball valve rated to 5000 PSI WOG for serviceable high-pressure duty.

Size Range	2" to 4"
Pressure Rating	3000 PSI to 5000 PSI WOG
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded NPT (ASME B1.20.1) / API 5B LP
Body Material	ASTM A105 / AISI 4130 carbon steel
Operation	Lever

EUE END VALVES**PRPLZ087****Three Piece Ball Valve EUE End Class 2500**

A three-piece forged steel ball valve with EUE ends in Class 2500 for high-pressure oilfield service.

Size Range	1/4" to 4"
Pressure Rating	ANSI Class 2500 / 2000 to 6000 PSI
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	EUE API 5B / Threaded NPT ASME B1.20.1
Body Material	ASTM A105 / A182 F316 / A182 F304
Operation	Manual lever / wrench

Pipe Fittings, Flanges & Accessories

23 products



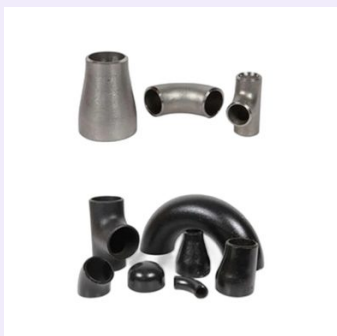
FLANGES

PRPLZ299

Blind Flange

A solid blind flange used to seal the end of a piping system or close off a vessel or valve opening.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 150 to 2500
End Connections	Raised Face (RF) / Flat Face (FF) / Ring Type Joint (RTJ)
Body Material	ASTM A105 carbon steel / ASTM A182 stainless steel
Design Standard	ASME B16.5
Applications	Pipeline termination, vessel and nozzle blanking, line isolation, oil & gas, water and general process service



BUTT WELD PIPE FITTINGS

PRPFL081

Buttwelding Pipe Fittings

Butt-welding pipe fittings that join pipes and fittings of matching size and schedule for permanent, high-integrity connections.

End Connections	Butt-weld
Applications	Process and utility piping, oil and gas pipelines, and high-pressure water and steam systems.



CAMLOCKS

PRPFL084

Camlock Couplings (Cam and Groove Fittings)

Quick-connect camlock couplings, also known as cam and groove fittings, supplied in aluminium, stainless steel, polypropylene and nylon.

End Connections	Cam and groove quick-connect
Body Material	Aluminium, stainless steel 316, polypropylene, nylon
Applications	Quick-connect liquid and hose transfer in water, chemical handling and general industrial service.

CAMLOCKS

PRPFL083

Camlock Pp (Black) 1.5-4 Inch

Polypropylene (PP) camlock quick-connect couplings in black, available from 1.5 inch to 4 inch.

Size Range	1.5 inch to 4 inch
End Connections	Camlock quick-connect
Body Material	Polypropylene (PP)
Operation	Manual quick-connect (cam-and-groove)
Applications	Suited to agricultural and irrigation transfer, chemical handling, and general water and fluid transfer requiring corrosion-free quick couplings.



BUTT WELD PIPE FITTINGS

PRPLZ300

Cast Steel Fitting

A cast steel pipe fitting providing a strong, corrosion-resistant connection for changing direction, branching or joining process piping.

Size Range	1/4" to 2"
Pressure Rating	Class 150 to 2500 (per fitting type)
End Connections	Butt Weld (BW) / Socket Weld (SW) / Threaded (NPT)
Body Material	ASTM A216 WCB cast carbon steel / A351 CF8M stainless steel
Design Standard	ASME B16.9
Applications	Process piping direction changes, branching and joining, water, oil & gas, general industrial service



DUCTILE IRON PIPE FITTINGS

PRPFL087

DI Fittings Flange Adaptor

A ductile iron flange adaptor for connecting flanged components to plain-ended pipe with a flexible, restrained joint.

Pressure Rating	PN10
End Connections	Flanged to EN1092-2 (PN10 drilled)
Body Material	Ductile iron
Operation	N/A (pipe fitting)
Design Standard	ISO2531 / EN545
Applications	Suited to potable water distribution, wastewater networks and general industrial pipework requiring flexible flanged-to-plain-end connections.



DUCTILE IRON PIPE FITTINGS

PRPFL086

Ductile Iron Dismantling Joint

Ductile iron dismantling joint and flange adaptor providing adjustable length and easy disassembly of flanged pipework.

End Connections	Flanged (EN 1092-2 PN10)
Body Material	Ductile Iron
Design Standard	ISO 2531 / EN 545
Applications	Water and wastewater pipelines requiring valve removal and length adjustment.



DUCTILE IRON PIPE FITTINGS

PRPFL085

Ductile Iron Pipe Fittings

A broad range of ductile iron pipe fittings from DN50 to DN1200 with epoxy or cement coatings for water networks.

Size Range	DN50-DN1200
Pressure Rating	PN10 to PN40
End Connections	Flanged / socket
Body Material	Ductile iron
Applications	Water and wastewater distribution networks, pumping mains, and buried pipeline infrastructure.



PIPE CLAMP FITTINGS

PRPFL091

Galvanized Pipe Clamp Fittings

Hot-dip galvanized malleable iron tube clamp fittings for easy bolt-together assembly of steel and aluminium pipe structures.

Size Range	A27 / B34 / C42 / D48 / E60
End Connections	Clamp (set-screw)
Body Material	Malleable iron KTH350-10, hot-dip galvanized
Design Standard	BS EN1461 / ASTM A153
Applications	Tube frames, handrails and garden structures using steel or aluminium pipe.



CAMLOCKS

PRPFL082

Glass Fibre Reinforced Nylon Camlock Coupling (Yellow) 1.5-4 Inch

Glass-fibre reinforced nylon camlock coupling in yellow, made to MIL-C-27487 for quick hose connection in agriculture and industry.

Size Range	1.5"-4"
End Connections	Cam and groove (camlock)
Body Material	Glass-fibre reinforced nylon
Design Standard	MIL-C-27487
Applications	Agricultural and industrial hose transfer of water and chemicals.



GROOVED PIPE FITTINGS

PRPFL090

Grooved End Pipe Fittings

Ductile iron grooved-end pipe couplings and fittings for fast, flexible mechanical pipe joining in wet and dry systems.

End Connections	Grooved end (mechanical)
Body Material	Ductile iron ASTM A536 Grade 65-45-12
Operation	N/A (pipe fitting)
Applications	Suited to fire-fighting and sprinkler systems, HVAC, and general water and dry pipework where rapid mechanical joining and flexibility are required.



GROOVED PIPE FITTINGS

PRPFL089

Grooved Pipe Fittings

Ductile iron grooved couplings and pipe fittings to ASTM A536 with epoxy coating for fast mechanical pipe joining.

End Connections	Grooved
Body Material	Ductile Iron ASTM A536 Grade 65-45-12
Applications	Fire-fighting, HVAC and water distribution piping systems.



MALLEABLE IRON PIPE FITTINGS

PRPFL092

Malleable Iron Pipe Fittings

Threaded malleable iron pipe fittings to American and EN standards for low-pressure water, gas and air pipework.

Size Range	1/4 inch to 4 inch (EN: 1/8 inch to 6 inch)
Pressure Rating	300 PSI (EN: 150/300 PSI)
End Connections	Threaded (ANSI B1.20.1 / ISO7/1)
Body Material	Malleable iron ASTM A197 / A47
Operation	N/A (pipe fitting)
Design Standard	ASME B16.3 / B16.14 / B16.39 (EN: ISO49 / DIN2950)



FLANGES

PRPLZ301

Slip on Flange

A slip-on flange that slides over the pipe end and is fillet welded inside and out for a robust, easily aligned connection.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 150 to 2500
End Connections	Raised Face (RF) / Flat Face (FF) / Ring Type Joint (RTJ)
Body Material	ASTM A105 carbon steel / ASTM A182 stainless steel
Design Standard	ASME B16.5
Applications	General process piping, water, air, low and medium pressure service, oil & gas distribution



FLANGES

PRPLZ302

Socket Weld Flange

A socket weld flange with a counterbored recess that receives the pipe end for a single external fillet weld, suited to small-bore high-pressure lines.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 150 to 2500
End Connections	Socket bore with Raised Face (RF) / Ring Type Joint (RTJ)
Body Material	ASTM A105 carbon steel / ASTM A182 stainless steel
Design Standard	ASME B16.5
Applications	Small-bore high-pressure piping, instrument and utility lines, steam, oil & gas



FLANGES

PRPLZ303

Spectacle Flange

A figure-eight spectacle flange combining a solid blank and an open spacer so a line can be positively blinded or opened by rotating the plate.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 150 to 2500
End Connections	Raised Face (RF) / Flat Face (FF)
Body Material	ASTM A105 carbon steel / ASTM A182 stainless steel
Design Standard	ASME B16.48
Applications	Positive line isolation, maintenance and testing blinds, refinery and petrochemical safety isolation



FLANGES

PRPLZ304

Thread Flange

A threaded flange with an internal tapered thread that screws onto the pipe, allowing a bolted connection without any welding.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 150 to 2500
End Connections	NPT threaded bore with Raised Face (RF) / Flat Face (FF)
Body Material	ASTM A105 carbon steel / ASTM A182 stainless steel
Design Standard	ASME B16.5
Applications	Non-welded utility and low-pressure piping, hazardous areas, water and air service



THREAD NIPPLES

PRPFL093

Threaded Pipe Nipples

Threaded pipe nipples manufactured to American, British and DIN standards for extending and connecting threaded pipework.

End Connections	Threaded (ANSI B1.20.1 / ISO7/1 / DIN2000)
Body Material	Steel (ASTM A53/A106/A333)
Design Standard	ASTM A733 / BS EN10241 / DIN2982
Applications	Extending threaded pipework and connecting valves and fittings in water, gas and general utility systems.



FLANGES
PRPLZ305

Weld Neck Flange

A weld neck flange with a long tapered hub butt welded to the pipe, giving the strongest and most fatigue-resistant flanged connection.

Size Range	1/4" to 2"
Pressure Rating	ANSI Class 150 to 2500
End Connections	Butt Weld hub with Raised Face (RF) / Ring Type Joint (RTJ)
Body Material	ASTM A105 carbon steel / ASTM A182 stainless steel
Design Standard	ASME B16.5
Applications	High-pressure and high-temperature piping, cyclic and critical service, oil & gas, refining, power


BUTT WELD PIPE FITTINGS
PRPLZ306

Welded Cap

A butt weld cap that closes the end of a pipe run with a smooth, permanent, pressure-tight seal.

Size Range	1/4" to 2"
Pressure Rating	Schedule / Class to suit pipe (Sch 10 to XXS)
End Connections	Butt Weld (BW)
Body Material	ASTM A234 WPB carbon steel / A403 stainless steel
Design Standard	ASME B16.9
Applications	Pipeline and header termination, dead legs, future tie-in stubs, oil & gas, water, general process


BUTT WELD PIPE FITTINGS
PRPLZ307

Welded Elbow

Butt-weld steel elbow for changing pipeline direction with a smooth, full-flow welded connection.

Size Range	DN15 to DN1200 (1/2" to 48")
Pressure Rating	Schedule STD / 40 / 80 / 160 / XXS
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Butt Weld (BW), bevelled ends
Body Material	ASTM A234 WPB carbon steel / A403 stainless steel
Design Standard	ASME B16.9 / B16.11



Pipe Fittings, Flanges & Accessories (continued)

23 products



BUTT WELD PIPE FITTINGS

PRPLZ308

Welded Reducer

Butt-weld concentric or eccentric reducer for joining pipes of different diameters with a smooth welded transition.

Size Range	DN20 to DN1200 (3/4" to 48")
Pressure Rating	Schedule STD / 40 / 80 / 160 / XXS
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Butt Weld (BW), bevelled ends
Body Material	ASTM A234 WPB carbon steel / A403 stainless steel
Design Standard	ASME B16.9 / B16.11



BUTT WELD PIPE FITTINGS

PRPLZ309

Welded Tee

Butt-weld steel tee for creating branch connections at 90 degrees with a full-strength welded joint.

Size Range	DN15 to DN1200 (1/2" to 48")
Pressure Rating	Schedule STD / 40 / 80 / 160 / XXS
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Butt Weld (BW), bevelled ends
Body Material	ASTM A234 WPB carbon steel / A403 stainless steel
Design Standard	ASME B16.9 / B16.11

PRODUCT RANGE

Strainers & Filters

1 product



PRPLZ314

T Strainer

A t strainer offering an inline T-pattern configuration that captures particulates while keeping pressure drop low across the strainer.

Size Range	1/4" to 2"
Pressure Rating	3000 PSI (WOG)
Temperature	-46°C to 232°C (-50°F to 450°F)
End Connections	Threaded ASME B1.20.1 NPT
Body Material	A351 CF8M (Stainless Steel) / A216 WCB (Carbon Steel)
Design Standard	ASME B16.34, MSS SP-110

Waterworks & Specialist Valves

16 products



WATER LEVEL CONTROL VALVES

PRPLJ041

100A Angular Water Level Setting Valve

An angle-pattern water level setting valve that automatically maintains reservoir or tank level using a float-pilot controlled main valve.

Size Range	DN50 to DN400
Pressure Rating	PN10 / PN16
End Connections	Flanged (angle pattern)
Body Material	Ductile iron, epoxy coated
Operation	Float pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard



MUD VALVES

PRPLJ042

100S Angular Membrane Mud Valve

An angle-pattern diaphragm (membrane) mud valve for draining sludge and sediment from tanks and basins in water and wastewater treatment.

Size Range	DN50 to DN400
Pressure Rating	PN6 / PN10
End Connections	Flanged (angle pattern)
Body Material	Cast iron / ductile iron, lined
Operation	Handwheel / actuated
Design Standard	GB/T, manufacturer standard



EXPLOSION PROTECTION VALVES

PRPLJ043

FA49H Anti-Explosion Wave Valve

An anti-explosion (deflagration) wave valve that arrests flame and pressure waves to protect pipelines and equipment from explosion propagation.

Size Range	DN50 to DN500
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Cast / ductile iron
Operation	Self-actuated (pressure-wave triggered)
Design Standard	GB/T, manufacturer standard

WATER LEVEL CONTROL VALVES

PRPLJ044

H142X Hydraulic Water Level Control Valve

A hydraulically operated water level control valve that holds tank level between setpoints with smooth, non-slamming float-pilot control.



Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Float/level pilot, hydraulically actuated
Design Standard	GB/T, manufacturer standard

ANTI-POLLUTION / BACKFLOW PREVENTION VALVES

PRPLJ045

HS41X Anti-Pollution Backflow Prevention Valve

A reduced-pressure-zone backflow prevention valve that protects potable mains against back-siphonage and back-pressure contamination.



Size Range	DN40 to DN300
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated
Design Standard	GB/T, manufacturer standard

MUD VALVES

PRPLJ046

Hydraulic Pneumatic Angular Quick-Opened Mud Valve

A hydraulically or pneumatically actuated angle mud valve providing rapid opening for periodic sludge discharge from treatment basins.



Size Range	DN50 to DN500
Pressure Rating	PN6 / PN10
End Connections	Flanged (angle pattern)
Body Material	Cast iron / ductile iron, lined
Operation	Hydraulic / pneumatic actuator
Design Standard	GB/T, manufacturer standard

MUD VALVES

PRPLJ047

JM744X / JM644X Diaphragm Hydraulic Pneumatic Quick-Opened Mud Valve

Diaphragm-type quick-opening mud valves with hydraulic (JM744X) or pneumatic (JM644X) actuation for automated sludge discharge.

Size Range	DN50 to DN500
Pressure Rating	PN6 / PN10
End Connections	Flanged (angle pattern)
Body Material	Cast iron / ductile iron, lined
Operation	Hydraulic (JM744X) / pneumatic (JM644X) actuator
Design Standard	GB/T, manufacturer standard



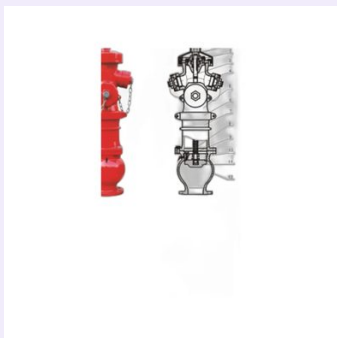
HYDRANTS

PRPLJ048

Outdoor Overground Hydrant

An above-ground fire hydrant providing rapid water access for firefighting, with robust outdoor construction and reliable shut-off.

Size Range	DN65 to DN150
Pressure Rating	PN10 / PN16
End Connections	Flanged base
Body Material	Cast / ductile iron, coated
Operation	Handwheel / key operated
Design Standard	GB/T, manufacturer standard



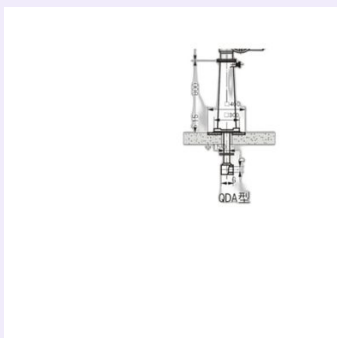
OPEN-CLOSE DEVICES

PRPLJ049

QS / QD Series Open-Close Device

A valve open-close device (gearbox / operator) providing manual or powered actuation and position indication for waterworks valves.

Size Range	To suit DN50 to DN1200 valves
Pressure Rating	N/A (operator)
End Connections	Valve-mount
Body Material	Cast iron / steel housing
Operation	Manual / powered gear operator
Design Standard	Manufacturer standard



ANTI-POLLUTION / BACKFLOW PREVENTION VALVES

PRPLJ050

SJKW Grooved Anti-Pollution Isolation Valve

A grooved-end anti-pollution isolation valve providing combined isolation and backflow protection for grooved pipework systems.

Size Range	DN50 to DN300
Pressure Rating	PN16
End Connections	Grooved
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated
Design Standard	GB/T, manufacturer standard

Image on request

MICRO-ELECTRONIC PROCESSORS

PRPLJ051

SJZ Multifunctional Micro-Electronic Processor

A microprocessor-based controller for hydraulic control valves, automating pressure, level and flow functions with programmable logic and monitoring.

Size Range	Controller unit (valve sizes DN50-DN600)
Pressure Rating	N/A (control unit)
End Connections	N/A
Body Material	Electronic enclosure
Operation	Microprocessor / electronic
Design Standard	Manufacturer standard



BALANCING VALVES

PRPLJ052

SP45 / SP15 Digital Locked Balancing Valve

A digital-readout balancing valve with a lockable memory stop for precise, tamper-resistant flow balancing of hydronic circuits.

Size Range	DN15 to DN300
Pressure Rating	PN16 / PN25
End Connections	Threaded / Flanged
Body Material	Ductile iron / bronze
Operation	Manual with locking memory stop
Design Standard	GB/T, manufacturer standard



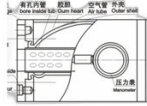
WATER HAMMER REMOVERS

PRPLJ053

Y900P Water Hammer Remover

A water hammer eliminator that absorbs and relieves surge pressure transients to protect pipelines, pumps and equipment.

Size Range	DN50 to DN600
Pressure Rating	PN10 / PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated (surge-relieving)
Design Standard	GB/T, manufacturer standard



BALANCING VALVES

PRPLJ054

ZL47F-16 Self-Balancing Valve

A self-acting dynamic balancing valve that automatically holds a constant flow rate as system differential pressure varies.

Size Range	DN15 to DN300
Pressure Rating	PN16
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated (automatic)
Design Standard	GB/T, manufacturer standard



BALANCING VALVES

PRPLJ055

ZLF-16 Self-Balancing Valve

A self-acting flow balancing valve that automatically limits each circuit to its design flow rate under changing system conditions.

Size Range	DN15 to DN300
Pressure Rating	PN16
End Connections	Flanged / Threaded
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated (automatic)
Design Standard	GB/T, manufacturer standard





ZYC Self Pressure Differential Control Valve

A self-acting differential pressure control valve that maintains a constant pressure difference across a circuit without external power.

Size Range	DN50 to DN400
Pressure Rating	PN16 / PN25
End Connections	Flanged
Body Material	Ductile iron, epoxy coated
Operation	Self-actuated
Design Standard	GB/T, manufacturer standard



PURPLE VALVES
Purple Engineering

Request a Quote

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All products supplied on an enquiry basis — contact our team for pricing, availability and full technical datasheets.