

**ENGINEERED
FOR FLOW.
BUILT FOR
EXCELLENCE.**

PRECISION FLOW CONTROL



SINCE
2008





ENGINEERED FOR EXCELLENCE. BUILT ON TRUST.

PVPL Valve Manufacturer is a leading manufacturer of high-performance industrial valves. We combine advanced engineering, precision manufacturing and rigorous quality standards to deliver reliable flow control solutions for critical industries worldwide.



PRECISION
ENGINEERING



QUALITY
ASSURANCE



ADVANCED
MANUFACTURING



OEM
PARTNERSHIP

OUR PRODUCT RANGE



GATE VALVES



GLOBE VALVES



CHECK VALVES



BALL VALVES



BUTTERFLY
VALVES



DUAL PLATE
CHECK VALVE



STRAINERS

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COMPANY PROFILE

**ENGINEERED FOR EXCELLENCE.
BUILT ON CAPABILITY.**

We are a leading manufacturer of high-precision industrial valves, backed by state-of-the-art in-house machining facilities and a team of skilled professionals.

Our integrated manufacturing setup ensures precision, reliability and consistent quality across every product we deliver.



OUR IN-HOUSE MACHINING FACILITY



IN-HOUSE TESTING CAPACITY

- ✓ Hydrostatic testing up to 600 bar
- ✓ Facilities for shell & seat testing
- ✓ Testing as per API 598 / AS Applicable
- ✓ Test media: Water, Air
- ✓ Calibration of instruments
- ✓ Test report provided with every valve



IN-HOUSE PAINTING CAPACITY

- ✓ Shot blasting for surface preparation
- ✓ Epoxy zinc rich primer application
- ✓ Epoxy/PU top coat application
- ✓ Dry film thickness measurement
- ✓ Curing in controlled environment
- ✓ Paint systems as per customer requirements
- ✓ Suitable for Indoor & Outdoor service

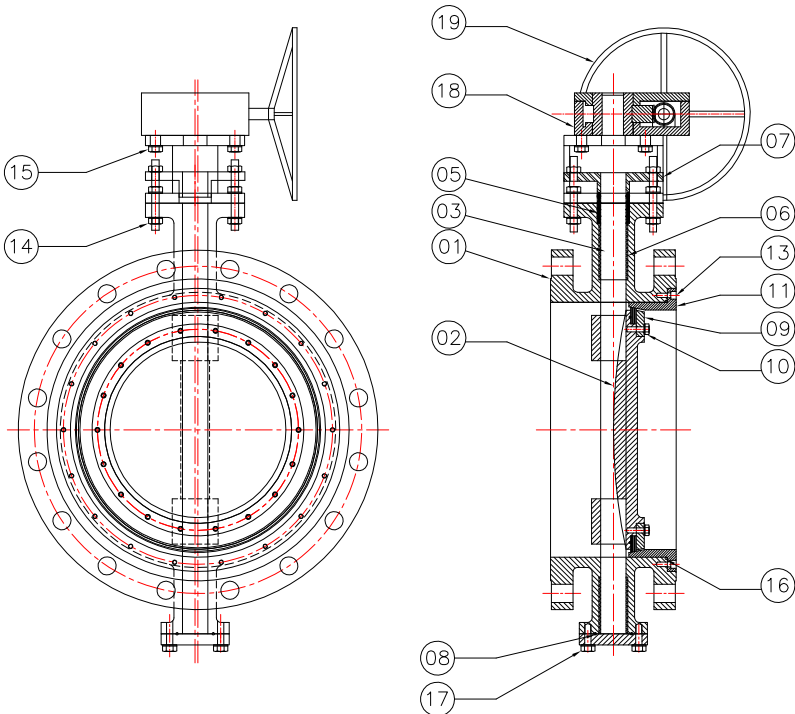


BUTTERFLY VALVE

TECHNICAL SPECIFICATION

Valve Type	Butterfly Valve
Design Standard	API 609 / ASME B16.34
Face to Face	API 609 / as applicable
End Connection	Wafer, Lug, Double Flanged
Pressure Rating	as applicable
Testing Standard	API 598 / ISO 5208
Leakage Acceptance	API 598 / ISO 5208
Operation	Manual / Gear / Electric / Pneumatic / Hydraulic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment

NOTE :
CUSTOM ENGINEERED SOLUTIONS
Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.

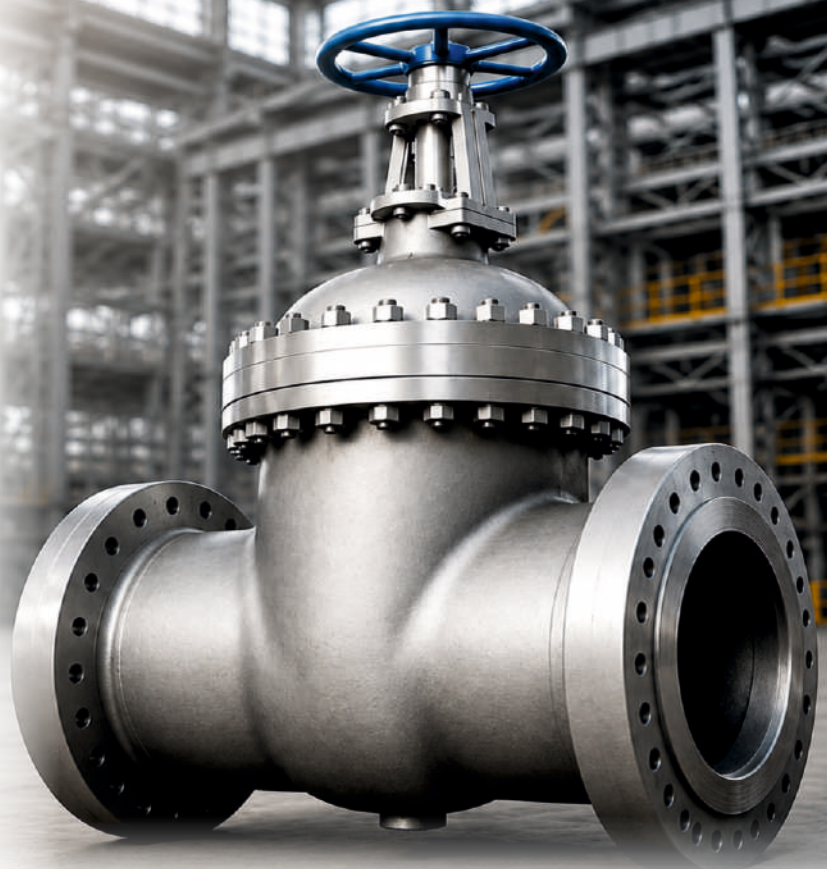


NO.	PARTS NAME
1	BODY
2	DISC
3	SHAFT
4	DISC SEAT
5	GLAND PACKING
6	BRG.BUSH I.D. 45 X O.D. 51 X 100 LG.
7	GLAND BUSH
8	BOTTOM COVER 'O' RING
9	CLAMPING RING
10	CLAMPING RING HEX. PIN 8 X 25 LG
11	BODY SEAT RING
12	BODY SEAT
13	L. N. CAP SCREW-M-8 X 20LG.
14	HEX. PIN M-12 X 60 LG.
15	HEX. PIN M-12 X 60LG. WITH SP. WASHER
16	SEAL O RING OD 394 X 4
17	HEX. PIN M-10 X 30LG.
18	GEAR BOX
19	HAND WHEEL

GATE VALVE

TECHNICAL SPECIFICATION

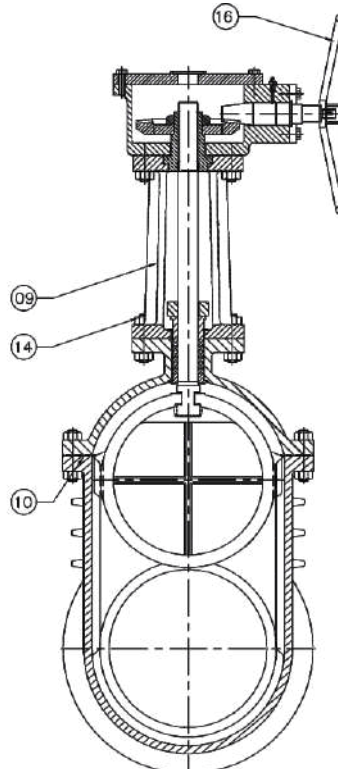
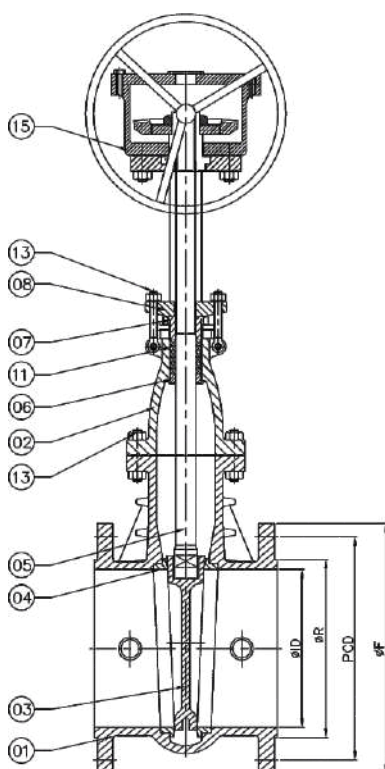
Valve Type	Gate Valve
Design Standard	API 600 / ASME B16.34
Face to Face	AS Applicable
End Connection	Flanged / Butt - Welding Ends
Pressure Rating	AS Applicable
Testing Standard	API 598 / ISO 5208
Leakage Acceptance	API 598 / ISO 5208
Operation	Manual / Gear / Electric / Pneumatic / Hydraulic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment



NOTE :

CUSTOM ENGINEERED SOLUTIONS

Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.



NO.	PARTS NAME
1	BODY
2	BONNET
3	WEDGE
4	SEAT RING
5	SPINDLE
6	BACK SEAT
7	GLAND BUSH
8	GLAND FLANGE
9	YOKE
10	GASKET
11	GLAND PACKING
12	STUD / NUT
13	EYE BOLT / NUT
14	YOKE STUD / NUT
15	GEAR BOX
16	HAND WHEEL

KNIFE GATE VALVE

TECHNICAL SPECIFICATION

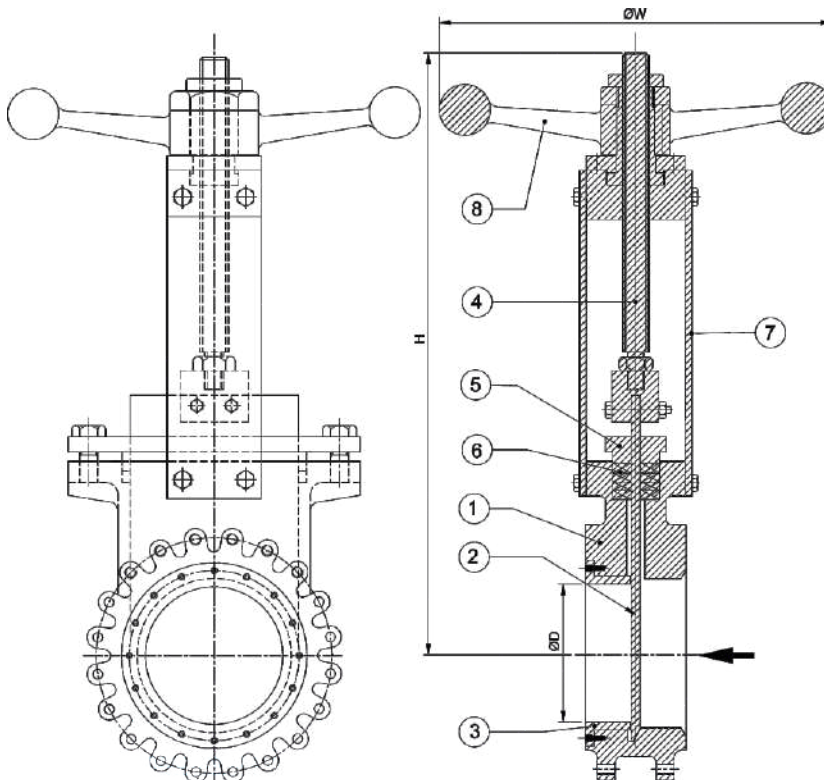
Valve Type	KNIFE GATE VALVE
Design Standard	ANSI/MSS SP-135, as applicable
Face to Face	as applicable
End Connection	Wafer / Lug / Double Flanged
Pressure Rating	as applicable
Testing Standard	API 598 / as applicable
Leakage Acceptance	API 598 / as applicable
Operation	Manual / Gear / Electric / Pneumatic / Hydraulic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment



NOTE :

CUSTOM ENGINEERED SOLUTIONS

Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.



NO.	PARTS NAME
1	BODY
2	KNIFE WEDGE
3	SEAT
4	STEM
5	GLAND
6	GLAND PACKING
7	YOKE
8	HAND WHEEL

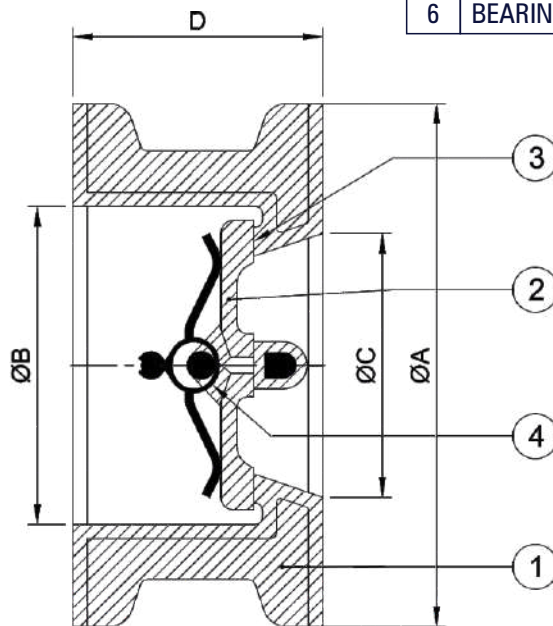
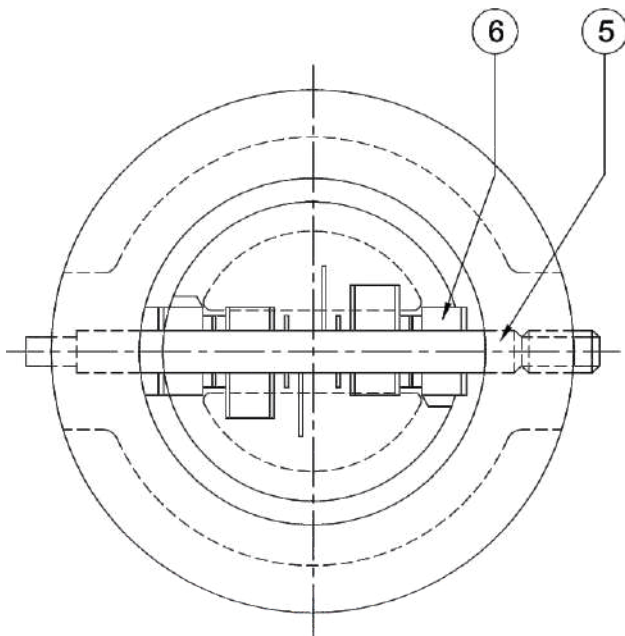
DUAL PLATE CHECK VALVE

TECHNICAL SPECIFICATION

Valve Type	Dual Plate Check Valve
Design Standard	API 594 / as applicable
Face to Face	as applicable
End Connection	Wafer / Lug / as applicable
Pressure Rating	as applicable
Testing Standard	API 598 / as applicable
Leakage Acceptance	API 598 / as applicable
Operation	Automatic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment



NO.	PARTS NAME
1	BODY
2	DUAL PLATE
3	BODY SEAT
4	SPRING
5	HINGE / STOP PIN
6	BEARING RING



NOTE :

CUSTOM ENGINEERED SOLUTIONS

Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.

SWING CHECK VALVE

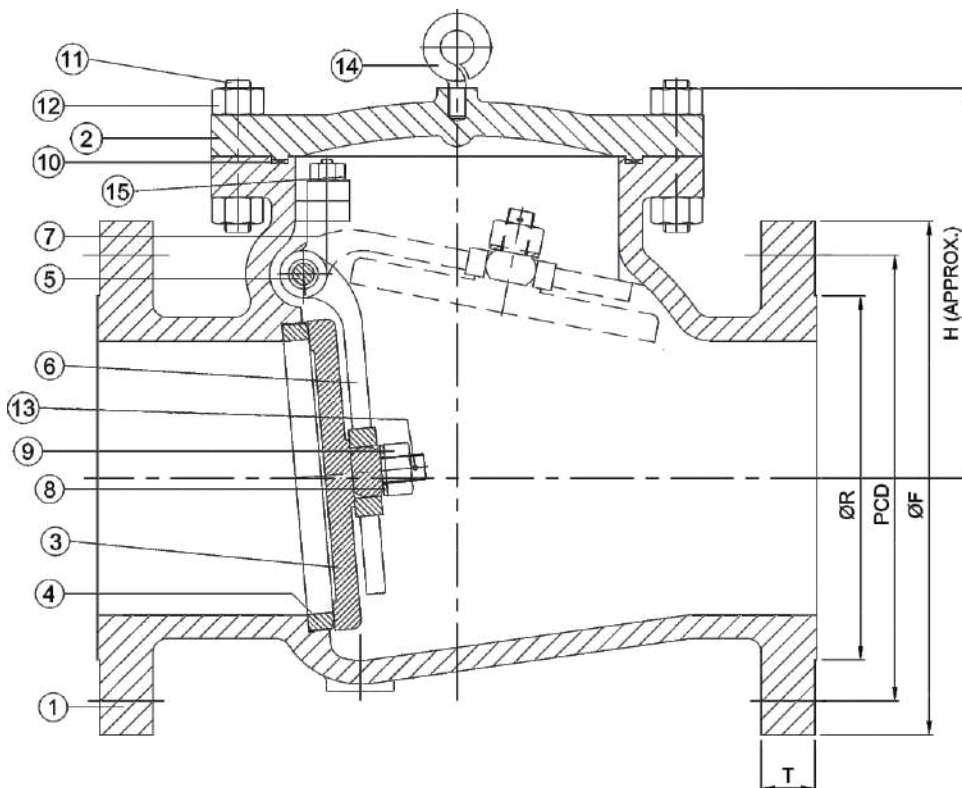
TECHNICAL SPECIFICATION

Valve Type	Swing Check Valve
Design Standard	API 594 / as applicable
Face to Face	as applicable
End Connection	Flanged / Butt - Welding Ends
Pressure Rating	as applicable
Testing Standard	API 598 / as applicable
Leakage Acceptance	API 598 / as applicable
Operation	Automatic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment

NOTE :

CUSTOM ENGINEERED SOLUTIONS

Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.



NO.	PARTS NAME
1	BODY
2	COVER
3	DISC
4	SEATRING
5	HINGE PIN
6	HINGE
7	BRACKET
8	DISC WASHER
9	DISC NUT
10	GASKET
11	STUD
12	NUT
13	LOCK PIN
14	LIFTING BOLT
15	BRACKET BOLT

BALL VALVE

TECHNICAL SPECIFICATION

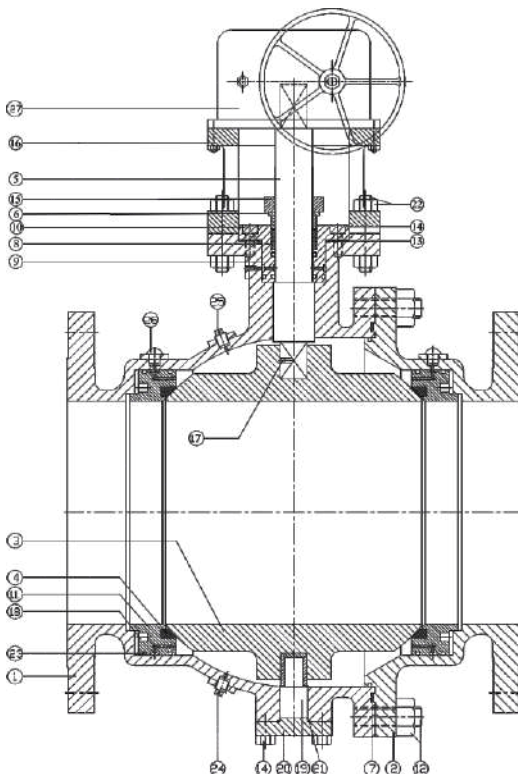
Valve Type	Ball Valve
Design Standard	API 608 / as applicable
Face to Face	as applicable
End Connection	Flanged / Butt - Welding Ends / as applicable
Pressure Rating	as applicable
Testing Standard	API 598 / as applicable
Leakage Acceptance	API 598 / as applicable
Operation	Manual / Gear / Electric / Pneumatic / Hydraulic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment



NOTE :

CUSTOM ENGINEERED SOLUTIONS

Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.



NO.	PARTS NAME
1	BODY
2	SIDE PIECE
3	BALL
4	SEAT
5	STEM
6	GLAND BUSH
7	BODY SEAL
8	GLAND PACKING
9	BONNET
10	BONNET LN BOLT
11	SEAT HOLDER
12	STUD WITH NUT
13	BONNET GASKET
14	BOTTOM COVER BOLT

NO.	PARTS NAME
15	GLAND FLANGE
16	BRACKET
17	ANTISTATIC DEVICE
18	SPRING FOR HOLDER
19	TRUNNION
20	BOTTOM COVER
21	BOTTOM COVER GASKET
22	BRACKET BOLT & NUT
23	'O' RING HOLDER
24	DRAIN PLUG
25	VENT PLUG
26	SEALANT NIPPLE
27	GEAR BOX

GLOBE VALVE

TECHNICAL SPECIFICATION

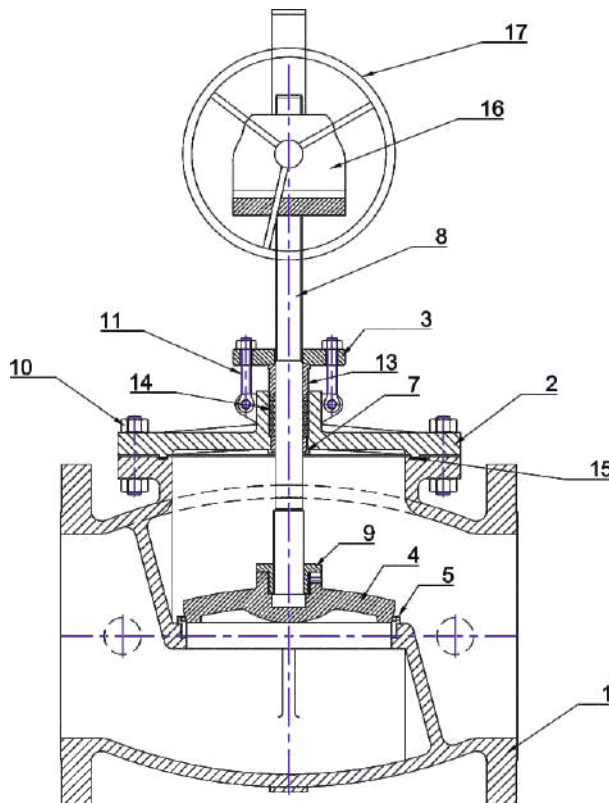
Valve Type	Globe Valve
Design Standard	API 623 / as applicable
Face to Face	as applicable
End Connection	Flanged / Butt - Welding Ends / as applicable
Pressure Rating	as applicable
Testing Standard	API 598 / as applicable
Leakage Acceptance	API 598 / as applicable
Operation	Manual / Gear / Electric / Pneumatic / Hydraulic
Application	Oil & Gas, Petrochemical, Power Plant, Refinery, Chemical, Water Treatment



NOTE :

CUSTOM ENGINEERED SOLUTIONS

Non-standard valve configurations and special pressure classes can be engineered and manufactured to suit specific operating conditions and project requirements, in accordance with applicable standards.



NO.	PARTS NAME
1	BODY
2	BONNET
3	GLAND FLANGE
4	DISC
5	SEAT RING
6	SLEEVE
7	BACK SEAT RING
8	STEM
9	DISC NUT
10	STUD & NUT
11	EYE BOLT & NUT
12	GLAND BUSH
13	GLAND PACKING
14	GASKET
15	GEAR BOX
16	HAND WHEEL

VALVE STANDARDS & TECHNICAL REFERENCE

COMMON INTERNATIONAL STANDARDS FOR INDUSTRIAL VALVES

01 PRESSURE DESIGNATIONS

INTERNATIONAL PRESSURE RATING SYSTEMS

ASME Pressure Class	Class 150 / 300 / 400 / 600 / 900 / 1500 / 2500
EN Pressure Designation	PN 10 / PN 16 / PN 25 / PN 40 / PN 63 / PN 100 / PN 160 / PN 250 / PN 320

Note : ASME Class and EN PN designations are not direct pressure equivalents. Allowable pressure is dependent on valve material, temperature, pressure designation and the applicable product standard.

02 VALVE PRODUCT STANDARDS

APPLICABLE INTERNATIONAL STANDARDS

Valve Type	Applicable Product Standard
Gate Valve	API 600 / API 602 / API 603, as applicable
Globe Valve	API 623 / API 602 as applicable
Check Valve	API 594 / API 602, as applicable
Ball Valve	API 608 / API 6D, as applicable
Butterfly Valve	API 609, as applicable
Plug Valve	API 599, as applicable
General Valve Requirements	ASME B16.34, where applicable

03 DIMENSIONAL & CONNECTION STANDARDS

DIMENSIONS, END CONNECTIONS AND ACTUATION

Requirement	Applicable Product Standard
Face-to-Face / End-to-End Dimensions	ASME B16.10 / ISO 5752, as applicable
Pipe Flanges & Flanged Connections	ASME B16.5 / EN 1092 series, as applicable
Large-Diameter Steel Flanges	ASME B16.47, as applicable
Butt-Welding Ends	ASME B16.25, as applicable
Multi-Turn Actuator Attachment	ISO 5210, as applicable
Part-Turn Actuator Attachment	ISO 5211, as applicable

04 INSPECTION & PRESSURE TESTING

VERIFICATION OF QUALITY AND PERFORMANCE

Test / Inspection	Standard / Reference
Valve Inspection & Testing	API 598 / ISO 5208, as applicable
Shell / Pressure Boundary Testing	Applicable product standard + API 598 / ISO 5208, as applicable
Closure / Seat Leakage Testing	Applicable product standard + API 598 / ISO 5208, as applicable
Backseat Testing	Where applicable, in accordance with applicable standard
Additional / Special Testing	As specified by purchase order / project specification

05 MARKING & IDENTIFICATION

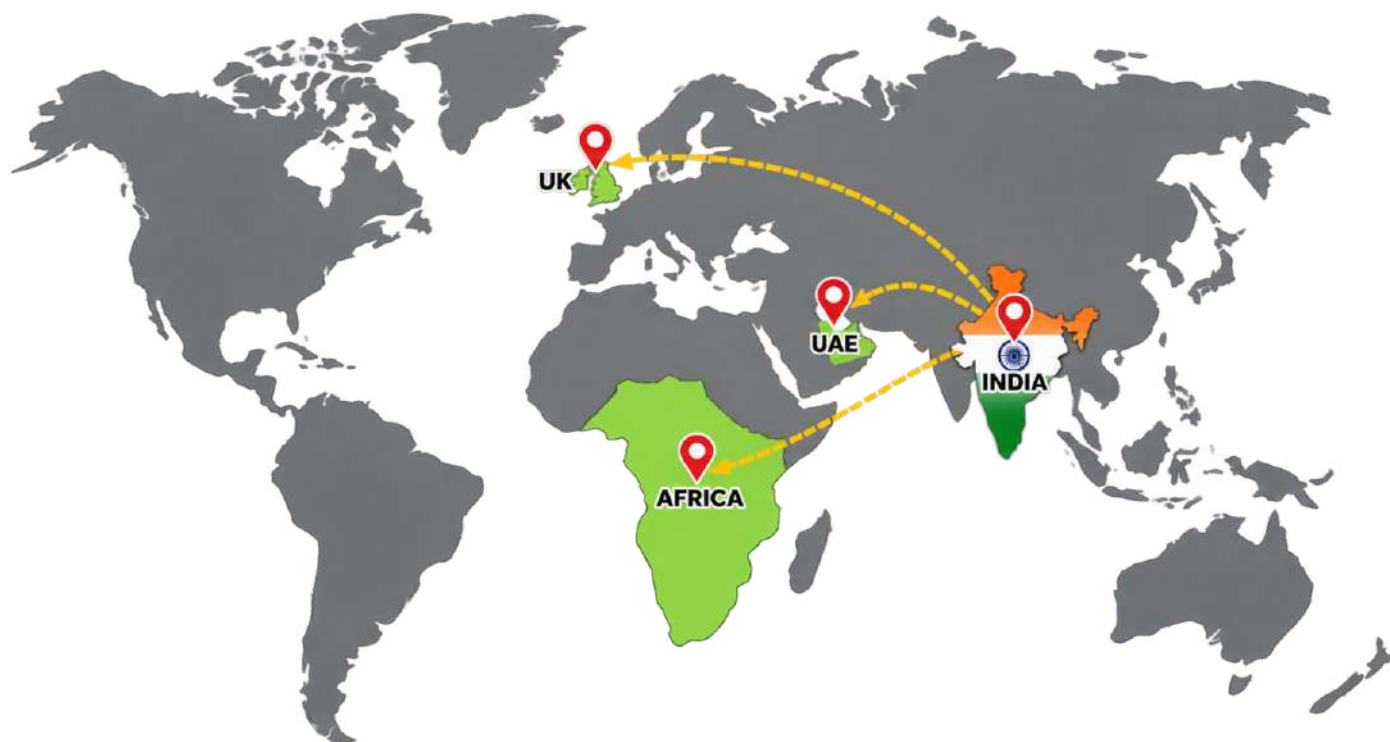
TRACEABILITY AND COMPLIANCE

Requirement	Standard / Reference
Valve Marking & Identification	MSS SP-25 / applicable product standard
Manufacturer / Rating / Material Identification	As required by applicable standard

GENERAL TECHNICAL NOTE

Valve design, pressure-temperature rating, dimensions, materials, testing, inspection and marking shall be in accordance with the applicable valve product standard, applicable dimensional and connection standards, and project or purchase requirements. Where requirements differ, the applicable product standard and project specification shall govern.

OUR GLOBAL PRESENCE



PVPL delivers precision-engineered industrial valves to customers across India and international markets. We combine reliable manufacturing, international standards and quality-focused processes to support demanding applications across Oil & Gas, Petrochemical, Power, Chemical and Process Industries.



**ADVANCED
ENGINEERING**



**PRECISION
MANUFACTURING**



**RIGOROUS QUALITY
STANDARDS**



**GLOBAL
REACH**



OUR VALUED CLIENTS



GSECL



NTPC



**INDIAN
RAILWAYS**



GEM



NPROCURE



**INDIAN
NAVY**



**INDIAN
ARMY**



CPWD



BPCL



**INDIAN
OIL**



BHEL



NPCIL



GAIL



ONGC



HPCL



JSW STEEL



Valve Manufacturer

Brand of : Pramukh Engineering Works

At PVPL, we are committed to delivering precision engineered valve solutions that ensure safety, reliability, and efficiency in every flow control application.

GET IN TOUCH

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**SCAN TO VISIT
OUR WEBSITE**

