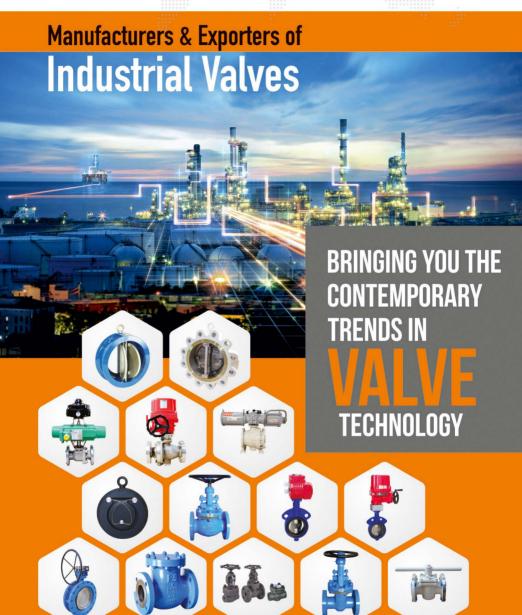


2L Engineers



MULTI PRODUCT CATALOGUE

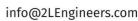
















OUR VISION

To be a globally preferred brand in the space of Valve Technology

Welcome to 2L Engineers,

since our establishment in 2008, we are committed to manufacture high quality Valves designed for critical applications. The passion that surrounds 2L combines with an inherent bond between engineering and design, ensuring a product with precision manufacturing & accuracy to meet international specifications. We have our manufacturing facility in Hubli, Karnataka, which has a rich and fascinating history of manufacturing quality Valves in India. We are an ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 certified company, approved manufacturer and international markets for specialized fields such as chemical, power, steel, Food Industry, Pulp, Oil & Gas, Water management and General Industry

2L Engineers over the years has built a complete range of standard and custom designed Valves for various user Industry. The company is committed to deliver innovative Valve design with emphasis to Safety and Quality duering every step of the process. At 2L, every Valve is built upon the passion, skill and experience of the people who dedicate their working lives to deliver high-standard product to our customers, and at every stage of product development we focus to deliver a Valve with long service life and low in-line maintenance. For each and every member at 2L, excellence is not only a value; it is a discipline and we take pride to say our products are crafter with a great passion for engineering.

There's no better way to get to know us that getting close up to our Valves and best way to do that is to talk to us and experience what we mean.



CERTIFICATION PROGRAMS



Certificate 6D-1943











Firesafe Test Certification in accordance with International stds for various range of Valves

Cyclic Test Certification for various range of valves

BALL VALVE (FLOATING)



Features

- Cast & forged valves
- Available in both soft or metal seat
- Full bore & reduced bore designs
- Double body joint & triple stem sealing
- Fire Safe as per API 607 & API 6FA
- Stem extension possible

BS EN ISO 17292 [BS5351], API 6D DN 15 to DN 250 [1/2" to 10"]

Antistatic device

Design Standard

Pressure rating

Material Construction

Operation

Seat **End Connection**

ASME 150# to 300#

WCB, LCB, CF8, CF8M,CF3, CF3M, CD4MCu, CN7M,

Monel, Gun Metal & Aluminium Bronze Lever Gear & Actuators (Pneumatic

Hydraulic & Motorized)

PTFE, PEEK, RPTFE & Metal Seated

Flanged, Butt-Weld, Screwed & Socket-Weld,

Pup end, RTJ etc.,

BALL VALVE (TRUNNION)



- Cast & forged valves
- Available in both soft or metal seat
- Full bore & reduced bore designs
- Double body joint & triple stem sealing
- Fire Safe as per API 607 & API 6FA
- · Blow out proof stem construction
- . ISO 5211 top pad for mounting
- Antistatic device

Design Standard

Pressure rating

Material Construction

Operation

End Connection

BS EN ISO 17292 [BS5351], API 6D

DN 50 to DN 900 (2" to 36")

ASME 150# to 2500#

WCB, LCB, CF8, CF8M,CF3, CF3M, CD4MCu, CN7M,

Monel, Hast Alloy, Gun Metal & Aluminium Bronze

Lever, Gear & Actuators (Pneumatic,

Hydraulic & Motorized)

PTFE, PEEK, Viton, Reinforced PTFE & Metal Seated

Flanged, RTJ & Butt-Weld

BUTTERFLY VALVE (CENTRIC)



Features

• Stem extension possible

BS EN 593, AWWA C504, API 609 DN 40 to DN 600 (1.1/2" to 24") PN 6 to PN 16 & 150#

- . Split Design with PTFE Sleeve for high performance
- Semi lugged & full lugged designs
- Different Lining & Metallurgy to suit a wide variety of applications

Design Standard

Operation

End Connection

Pressure rating

Material Construction

CI, DI WCB, CF8, CF8M, AB2, Duplex & Super Duplex

Lever, Gear & Actuators (Pneumatic,

Hydraulic & Motorized) Seat (Replaceable Type) EPDM, Silicon, Viton, Nitrile, Hypalon & NBR

Wafer & Lugged



BUTTERFLY VALVE (DOUBLE OFFSET DISC)

Features

• Stem extension possible

• Top mounting as per ISO 5211

Self energizing seat design

. Blow out proof stem

Design Standard

Size Pressure rating

Operation

Seat

BS EN 593, AWWA C504, API 609

DN 100 to DN 1400 (4" to 56") Higher Sizes on request

PN 6 to PN 16

Material Construction CI, DI WCB, CF8, CF8M, Duplex & Super Duplex

& MS Fabricated Lever, Gear & Actuators (Pneumatic,

Hydraulic & Motorized)

EPDM, Silicon, Viton, Nitrile, NBR & Metal seated

End Connection Wafer & Flanged

CHECK VALVE (DUAL PLATE)

Features

- Available in both soft & metal seated
- Swinging disk design to protect low pressure and smaller system
- Different Lining & Metallurgy to suit a wide variety of applications
- Available with lifting bolts for easy installation

Design Standard

Size Pressure rating Material Construction

Operation Seat

Seat

End Connection

API 594, API 6D BS EN 19342

DN 50 to DN 1200 (2" to 48") PN10, PN16, ASME 150# to 1500# CI, DI, WCB, CF8, CF8M & Duplex Steel

Automatic

Soft : EPDM, Silicon, Viton, Nitrile & NBR,

Metal Seated

Lugged, Wafer & Flanged

CHECK VALVE (SINGLE PLATE - WAFER)



- Minimizes piping support with the
- compact wafer style body
- Replaceable O-ring seat, available in all styles & sizes
- Different Lining & Metallurgy to suit a wide variety of applications



Size

Pressure rating
Material Construction

Operation Seat

End Connection

API 6D BS EN 13942

DN 25 to DN 800 [1" to 32"]

PN 10 & PN 16

CI, DI, WCBM CF8, CF8M & Duplex Steel

Automatic

Soft: EPDM, Silicon, Viton, Nitrile, NBR & PTFE

Wafer

SWING CHECK VALVE



- Gasket design to ensure self sealing under pressure
- Non-rotating disc is fastened securely to disk hanger with a lock nut and cotter pin
- All parts are accessible from top for easy servicing

Design Standard

Size

Pressure rating Material Construction Operation

Seat

End Connection

API 6D, BS 1868, ANSI B 16.34

DN 50 to DN 350 (2" to 14") ASME 150# TO 900#

DI, WCB, LCB, CF8 & CF8M Automatic

Automatic Metal to Metal

Flanged, Butt Weld Ends

FORGED STEEL VALVE



- Stem extension possible
- Renewable seat rings for longer service life
- Welded bonnet on request for high pressure
- · Lift type design for check valve



Design Standard

Size

Pressure rating Material Construction Operation

End Connection

BS EN ISO 15761 (BS 5352), API 602

DN 15 to DN 50 (1/2" to 2")

ASME 155#, 300#, 800# T0 2500# A105, F304, F316, LF2, F11, F22, F51 & F55 Handwheel, Gear & Actuators Soft Seat & Metal seated

Screwed, Socket, Butt Weld & WNRF

GLOBE VALVE



Features

- OS & Y Construction
- Bi directional shut-off
- Valves provided with backseat arrangement
- Anti-frictional ball bearings for higher sizes & Classes
- Locking arrangement possible

Design Standard

Size Pressure rating

Material Construction

Operation Seat End Connection

BS 1873, ANSI B 16.34

DN 50 to DN 400 ASME 150# to 1500#

WCB, LCB, CF8 & CF8M, Duplex Stainless Steel

Handweel, Gear & Actuator

Metal to Metal Flanged, Butt Weld Ends

GATE VALVE



- OS & Y Construction
- · Bi directional shut-off
- Valves provided with backseat arrangement
- Anti-frictional ball bearings for higher sizes
- Locking arrangement possible

Design Standard

Pressure rating Material Construction

Operation Seat **End Connection**

API 600, ANSI B 16.34 ISO 10434

DN 50 to DN 600 ASME 150# to 1500#

WCB, LCB, CF8 & CF8M, Duplex Stainless Steel

Handwheel, Gear & Actuator

Metal to Metal Flanged, Butt Weld Ends

PLUG VALVE (SLEEVED)

- Features Bi directional flow
 - Plug designed to ensure low operating torque
 - · Self sealing design
 - . No cavity in the plug valve for accumulating of the medium
 - ISO 5211 mounting pad for actuation

Design Standard

Pressure rating Material Construction

Operation

Seat (Replaceable Type)

End Connection

API 599, BS EN ISO 5353

DN 15 to DN 300 (1/2" to 12") ASME 150# & 300# WCB, CF8, CF8M & CN7M

Lever, Gear & Actuators (Pneumatic & Motorized)

PTFE

Flanged & Screwed



Customised Valve Solutions

At 2L Engineers we are flexible to the varied product design requests of our customers. Based upon our long years of experience and fresh ideas, we have come to offer various product customizations for each requirement and have achieved a high level of customer satisfaction.

We put our engineering expertise and innovative manufacturing capabilities to create a custom valve solution that matches the requirements of your unique application.

OUR PRODUCTS



Valves
installed in

Countries
& counting....



2L Engineers



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