



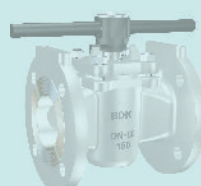
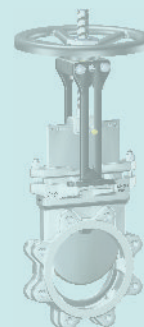
A. Mohamed & Co.



Flow Control Experts



BDK™
Industrial Valves



API 6D
CE PED 2014/68/EU
ATEX-20 14/34/EU

Profile

SWIMS Technologies Pvt. Ltd. (Formerly known as Weir BDK Valves), is a leading manufacturer of Industrial valves providing flow control solutions to customers around the world. Our portfolio includes a host of trusted brands from globally reputed engineered valves for high pressure applications to standard isolation valves of varying sizes, that helps our customers address issues of high performance and reliability across several industries. We are a joint venture collaboration of Indian Mineral Company Group (IMC) & SWARNAA Group of Companies.



About IMC Group

Indian Mineral Company Group is a leading steel distribution house having presence in South and West India with over 55 years of operations. The Company has been representing Tata Steel (for Tata Tiscon/ Tata Tiscon Readybuild Steel/ Tata Structura/ Tata Wiron), JSW Steel (for MS Sheets and Plates), amongst others. IMC has been consistently receiving awards of excellence from Tata Group over the last decade. IMC has more than 400 dealers and channel partners supported by 100+ strong sales and marketing team spread across regions.



About SWARNAA Group

SWARNAA Group of Companies is an organisation that has grown out of 30 years of hard work and perseverance by its MD, Dr. Ch. V. S. V. Prasad. The company incorporates several diverse fields of achievements such as Central government and public infrastructure and construction projects with an excellence in the South Western Railway domain, manufacturing of Pre-stressed concrete sleepers, hotel and restaurant business, wind electricity generators and RMC with blocks and pavers production. Apart from the professional achievements, Dr. Prasad's cap is feathered with numerous philanthropic and humanitarian services. From feeding the needy to helping the underprivileged, Dr. Prasad is always within earshot of the person calling for help. Swarnaa Techno Constructions, led by Dr. Prasad is a home to more than a hundred employees and all within exist as a family unit supporting each other and Dr. Prasad's pursuit of excellence.

Board of Directors



Bimal Mehta
Chairman



Dr. Ch. V. S. V. Prasad
Co-Chairman



Manish Jain
Managing Director



Jason Valia
Director



Neepa Mehta
Director



Ch. Anusha
Director



Shyam Mehta
Director



Mounika Kore
Director

Our Vision

We would become the most reliable & trusted partners to all our customers for all of their flow control solutions.

Our Mission

To work collaboratively with our customers offering technically superior solutions in the most cost efficient manner.

Based in Hubballi, BDK Valve's 22 acres integrated facility is one of the largest valve manufacturing facility in India. Dedicated manufacturing line for various products, modern machine shop, paint shop, rubber shop and testing facility (up-to ASME 2500 special class) gives us full control of our operations to meet the quality and delivery requirements. A robust ERP system integrates our operations and ensures smooth order processing, tracking, documentation, etc.

Our engineering team, supports customers from valve selection to ensuring products meet high performance parameters. The product designs comply with international standards, including ASME, API, BS, EN & ISO.

We have several SHE best practices to our credit, and have been recognized and awarded by various industry bodies and Government of Karnataka India for our efforts.



Gate, Globe & Check Valve



Ball Valve



Diaphragm Valve



Butterfly Valve



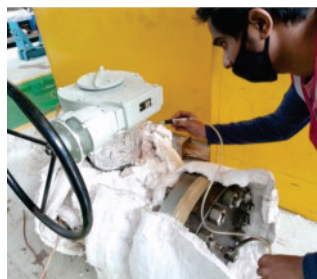
CNC Machine Shop



Rubber Process Division



Fire Safe Test



Fugitive Emission Test



Cryogenic Test



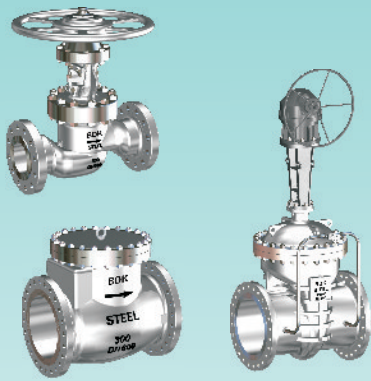
Stem Twist Test

Our Strength

- Engineering competence.
- Dedicated manufacturing facilities for each product line.
- Ultra-modern machine shop.
- R&D Lab for special tests.
- Automated paint shop.
- Process controlled welding shop.
- Dedicated rubber shop.
- Testing facility up to ASME class 2500.
- Robust ERP system connecting start to end all transactions.

Certifications

- ISO 9001-2015
- ISO 14001-2015
- ISO 45001-2018
- API 6D
- PED-2014/68/EU
- ATEX-2014/34/EU
- SIL 3
- API 624/641
- API 591
- ISO 15848
- CUTR/GOST



CAST STEEL VALVES GATE, GLOBE & CHECK

Complies to API 600, API 6D, BS 1873, BS 1868, ASME B16.34

Sizes : 15 mm (1/2") to 1200 mm (48")

Type : Gate, Globe, Swing Check.

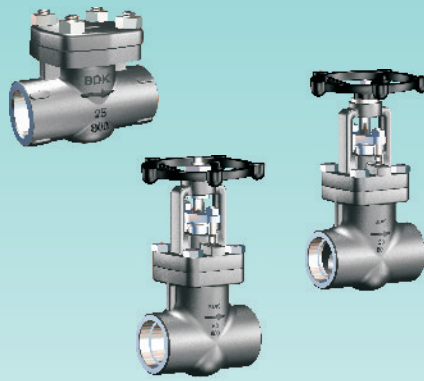
Rating : Class 150 to 2500.

Materials : WCB, LCB, WC6, WC9, CF8, CF8M, CF3, CF3M, Duplex, CN7M, H-B, H-C etc.

Trim : 13% Cr. Steel, Stellite.

Ends : Flanged & Weld

Specials : Stem Extension, Locking Arrangements etc.



FORGED STEEL VALVES GATE, GLOBE & CHECK

Complies to BS EN ISO 15761 (BS 5352), API 602

Sizes : 8 mm (3/8") to 50 mm (2")

Type : Gate, Globe, Lift Check.

Rating : Class 800, 1500, 2500.

Materials : A105, F11, F22, LF2, F304, F316, F304L, F316L

Trim : 13% Cr. Steel, Stellite.

Ends : Screwed, Socket, Butt Weld.

Specials : Stem Extension, Soft Seating.



GATE & GLOBE VALVES CRYOGENIC APPLICATION

Complies to API 600, API 6D, API 602, BS 1873, BS EN ISO 15761 (BS 5352), BS 6364, ASME B16.34

Sizes : 15 mm (1/2") to 600 mm (24")

Type : Gate, Globe.

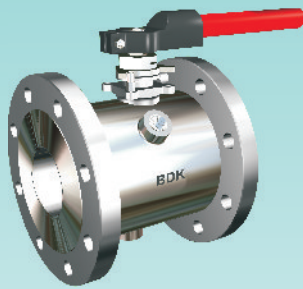
Rating : Class 150, 300, 600, 800.

Materials : LCB, CF8, CF8M.

Trim : Stellite.

Ends : Flanged, Weld.

Specials : Extended Bonnet, Live loaded gland packing.



BALL VALVES ONE PIECE JACKETED

Complies to BS EN ISO 17292 (BS 5351), API 6D

Sizes : 15 mm (1/2") to 200 mm (8") (Flanged).

Type : Full Bore.

Rating : Class 150 & 300.

Materials : WCB, CF8M etc.

Seats : PTFE, RPTFE, PEEK.

Ends : Flanged.

Specials : Jacketed, Fire Safe to API 607 & API 6FA.



BALL VALVES TWO PIECE

Complies to BS EN ISO 17292 (BS 5351), API 6D

Sizes : 15 mm (1/2") to 200 mm (8")

Type : Regular Bore, Full Bore, Multi-Port.

Rating : Class 150 to 1500.

Materials : WCB, LCB, CF8, CF8M, CF3, CF3M, CD4MCuN, CN7M, H-B, H-C etc.

Seats : PTFE, Reinforced PTFE, even Metallic.

Ends : Flanged, Weld.

Specials : Fire Safe Test Requirements of API 607 & API 6FA.



BALL VALVES THREE PIECE

Complies to BS EN ISO 17292 (BS 5351), API 6D

Sizes : 15 mm (1/2") to 50 mm (2")

Type : Regular Bore, Full Bore, Multi-Port.

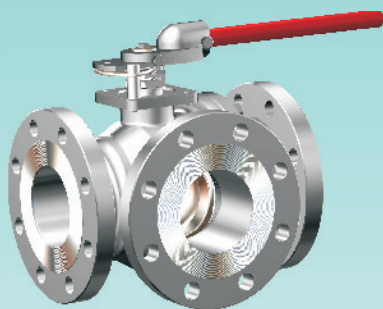
Rating : Class 600, 800, 1500.

Materials : A105, F304, F316 WCB, CF8, CF8M, CN7M, etc.

Seats : PTFE, Reinforced PTFE, even Metallic.

Ends : Screwed, Weld.

Specials : Fire Safe Test Requirements of API 607 & API 6FA.



BALL VALVES THREE WAY

Complies to BS EN ISO 17292 (BS 5351), API 6D

- Sizes : 15 mm (1/2") to 200 mm (8")
- Type : Regular Bore, Full Bore, Multi-Port.
- Rating : Class 150 to 1500.
- Materials : WCB, LCB, CF8, CF8M, CF3, CF3M, CD4MCuN, CN7M, H-B, H-C etc.
- Seats : PTFE, Reinforced PTFE, even Metallic.
- Ends : Flanged, Weld.
- Specials : Fire Safe Test Requirements of API 607 & API 6FA.



BALL VALVES TRUNNION MOUNTED

Complies to BS EN ISO 17292 (BS 5351), API 6D

- Sizes : 50 mm (2") to 900 mm (36")
- Type : Regular Bore, Full Bore.
- Rating : Class 150 to 1500.
- Materials : WCB, LCB, CF8, CF8M, CF3, CF3M, CD4MCuN, CN7M, H-B, H-C etc.
- Seats : PTFE, Reinforced PTFE, Nylon, even Metallic.
- Ends : Flanged, Weld.
- Specials : Fire Safe Test Requirements of API 607 & API 6FA.



BALL VALVES INTERNAL BEARING BLOCK

Complies to BS EN ISO 17292 (BS 5351), API 6D

- Sizes : 200 mm (8") to 1200 mm (48")
- Type : Regular Bore, Full Bore.
- Rating : Class 600 to 1500.
- Materials : A105, LF2, F304, F316.
- Seats : PTFE, Reinforced PTFE, Nylon, even Metallic.
- Ends : Flanged, Weld.
- Specials : Fire Safe Test Requirements of API 607 & API 6FA.



BALL VALVES CRYOGENIC APPLICATION

Complies to BS EN ISO 17292 (BS 5351), API 6D, BS 6364

- Sizes : 15 mm (1/2") to 200 mm (8")
- Type : Regular Bore, Full Bore, Multi-Port.
- Rating : Class 150, 300.
- Materials : LCB, CF8, CF8M, CF3, CF3M, CD4MCuN, CN7M, H-B, H-C etc.
- Seats : Reinforced PTFE, PCTFE, even Metallic.
- Ends : Flanged, Weld.
- Specials : Fire Safe Test Requirements of API 607 & API 6FA.



BUTTERFLY VALVES REPLACEABLE AND BOUNDED SEAT DESIGN

Complies to BS EN 593, API 609

- Sizes : 40 mm (1 1/2") to 600 mm (24")
- Type : Models 12, 12L, 44, 44L, 46 & 46L.
- Rating : PN 2.5 to PN 16.
- Materials : CI, DI, WCB etc.
- Body Lining : Natural and Synthetic Rubbers.
- Discs : DI, CF8, CF8M, Al.Bronze, even Rubber Lined.
- Stem : 410, 17-4PH, Monel.
- Ends : Wafer, Lugged.



BUTTERFLY VALVES ECCENTRIC, FLANGED DESIGN

Complies to BS EN 593, AWWA C504

- Sizes : 150 mm (6") to 3000 mm (120")
- Type : Models 85F.
- Body : CI, DI, WCB, CF8,
- Rating : PN 2.5 to PN 16 & Class 25 to 250.
- Materials : CF8M etc.
- Discs : CI, DI, WCB, CF8, CF8M, even Rubber Lined.
- Seats : Natural and Synthetic Rubbers.
- Ends : Wafer, Lugged, Double Flanged.



BUTTERFLY VALVES DOUBLE OFFSET DESIGN

Complies to API 609

Sizes : 50 mm (2") to
600 mm (24")

Type : Models 95, 95L & 95F.

Rating : Class 150, 300.

Materials : WCB, CF8, CF8M, CF3,
CF3M, CD4MCuN, CN7M
etc.

Seats : PTFE, Reinforced PTFE,
even Metallic.

Ends : Wafer, Lugged and
Flanged.

Specials : Fire Safe Test
Requirements of API 607.



BUTTERFLY VALVES TRIPLE OFFSET DESIGN

Complies to API 609

Sizes : 80 mm (3") to
2000 mm (80")

Type : Models 97, 97L & 97F.

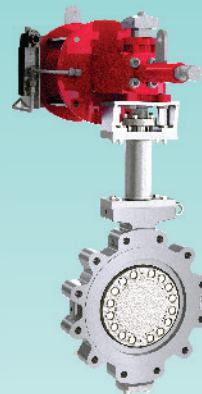
Rating : Class 150, 300 & 600.

Materials : WCB, CF8M, etc.

Seat : UNS S31803 + Graphite
Laminated.

Ends : Wafer, Lugged and
Flanged.

Specials : Fire Safe Test
Requirements of API 607.



BUTTERFLY VALVES CRYOGENIC APPLICATION

Complies to API 609

Sizes : 80 mm (3") to
600 mm (24")

Type : Models 97, 97L & 97F.

Rating : Class 150, 300 & 600.

Materials : LCB, CF8M, etc.

Seat : UNS S31803 + Graphite
Laminated.

Ends : Wafer, Lugged and
Flanged.

Specials : Fire Safe Test
Requirements of API 607.



DIAPHRAGM VALVES

Complies to BS EN 13397

Sizes : 15 mm (1/2") to
350 mm (14")

Type : Series 'S2K' Weir type,
Series 'G2K' Straight -
Through Type.

Materials : CI, DI, WCB, CF8,
CF8M etc.

Linings : Natural and Synthetic
Rubbers.

Diaphragms : Natural and Synthetic
Rubbers, even PTFE.

Ends : Flanged, Screwed,
Weld.



PNEUMATIC ACTUATORS FOR DIAPHRAGM VALVES

Complies to BDK's Specifications

Valve Sizes : 15 mm (1/2") to
250 mm (10")

Type : Direct, Reverse,
Double Acting.

Chambers : Steel ASTM A621

Material

Air Diaphragms : Nitrile, Neoprene

Specials : Limit Switch,
Solenoid Valve,
Air Filter Regulator,
Positioner etc.



PLUG VALVES PTFE SLEEVED

Complies to API 599, BS 5353, API 6D

Sizes : 15 mm (1/2") to
400 mm (16")

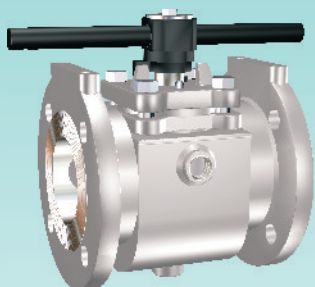
Type : PTFE/RPTFE Sleeved.

Rating : Class 150, 300.

Materials : DI, WCB, CF8, CF8M, CF3,
CF3M, CD4MCuN, CN7M,
H-B, H-C etc.

Ends : Flanged, Screwed, Weld.

Specials : Caged. Fire Safe Test
Requirements of API 607.



PLUG VALVES JACKETED

Complies to API 599, BS 5353, API 6D

Sizes : 15 mm (1/2") to
400 mm (16")

Type : PTFE/RPTFE Sleeved.

Rating : Class 150, 300.

Materials : DI, WCB, CF8, CF8M, CF3,
CF3M, CD4MCuN, CN7M,
H-B, H-C etc.

Ends : Flanged, Screwed, Weld.

Specials : Jacketed. Fire Safe Test
Requirements of API 607.



PLUG VALVES THREE WAY

Complies to API 599, BS 5353, API 6D

Sizes : 15 mm (1/2") to
350 mm (14")

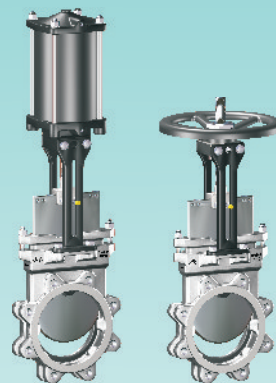
Type : PTFE/RPTFE Sleeved.

Rating : Class 150, 300.

Materials : WCB, CF8, CF8M, CF3,
CF3M, CD4MCuN, CN7M,
H-B, H-C etc.

Ends : Flanged, Screwed, Weld.

Specials : Fire Safe Test
Requirements of API 607.



KNIFE EDGE GATE VALVES

Complies to MSS SP-81

Sizes : 50 mm (2") to
600 mm (24")

Type : Knife Edge Gate

Materials : WCB, CF8, CF8M,
CF3, CF3M, CN7M,
CD4MCuN etc.

Ends : Wafer & Lugged

Specials : Pneumatic Actuator,
Limit Switch,
Solenoid Valve,
Air Filter Regulator etc.

Application : Pulp, Fibrous, Paper
Pulp, Slurries & Sludge



PFA LINED VALVES

Complies to BS EN 13397, BS EN 593,
BS 5353, API 599, BS 5158,
BS EN ISO 17292 (BS 5351), BS 5159

Sizes : 15 mm (1/2") to
400 mm (24")

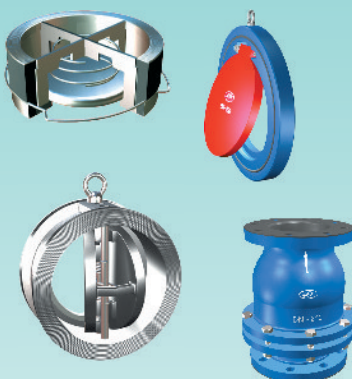
Type : Diaphragm, Butterfly,
Plug & Ball valve.

Rating : PN 6, PN 10 & Class 150.

Materials : DI or WCB with lining.

Linings : PFA / FEP / ETFE / PVDF.

Ends : Wafer & Lugged for
Butterfly Valves,
Others Flanged.



CHECK VALVES

Complies to API 6D, API 594, BDK's
Specifications

Sizes : 15 mm (1/2") to
600 mm (24")

Type : Non-Slam, Dual Plate,
Wafer & Rubber Lined.

Rating : PN 7, PN 10, Class 150 &
300.

Materials : CI, DI, WCB, CF8, CF8M.

Linings : Natural and Synthetic
Rubbers.

Ends : Wafer & Flanged.

Specials : Very Low Pressure Drop.



PNEUMATIC ACTUATORS QUARTER TURN

Output Torque : Quarter turn upto
3078Nm (2270 ft. lbs) for
Double Acting &
1330Nm (981 ft. lbs.) for
Single Acting Spring Return.

Type : Rack & Pinion.

Materials : Aluminum Alloy with Hard
Anodized.

Mounting : ISO 5211.

Specials : End stroke adjustment, Position
indicator, NAMUR Mounting
features for solenoid Valve
& Limit Switch.

Optional : Different colors End Cap.



Flow Control Experts

SWIMS Technologies Pvt. Ltd.

OUR CUSTOMER NETWORK AND INSTALLED BASE



Corporate Office & Plant

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