

FLUID CONTROL VALVES

MANUFACTURING RANGE

PIONEER SPIRIT IN VALVE AUTOMATION



OVERVIEW

ABOUT US

We Welcome and thank you for referring our 'Abridge Catalogue'

"AVCON" is known all over continents, as a manufacturer of 'Quality' products-Solenoid Valves, Ball and Butterfly Valves with Pneumatic and Electric Actuators; Gas Control and Regulation Products. also valves for Pharma & Bio-Tech Industry.

AVCON has walked through more than 5 decades, gaining valuable experience, offering AVCON equipments in the products manufactured by the OEMs, in all spheres of engineering. AVCON products have gained reputation with Consultants and approvals of Users, OEMs, and others, as Quality products.

Being ISO 9001 DNV certified company, has put AVCON on forefront. Our motto is 'Value for The Money' and 'Superior Product, One Among The Best in The World'.

We are very sure that, there is a product in vast range of AVCON, which will meet your expectation and requirements.

AVCON Product Range Includes:

- Solenoid Valves (Many Non Standard Version available).
- Motorised Control Valves.
- Pneumatic Control Valves.
- Manual & Pneumatic, Electric Actuated Valves. for Pharma, Bio-Tech & Food Industry.
- Piston Operated Globe Valves.
- Piston Operated Special Valves for Tyre and Tube Machinery Manufacturers.
- Ball Valves with Electric Actuators and Pneumatic Actuators.
- Butterfly Valves with Electric Actuators and Pneumatic Actuators.
- Low Leakage Type Damper with Pneumatic and Electric Actuators.
- High performance Butterfly Valves with Pneumatic and Electric Actuators.
- Gas Regulation and Control Equipments like Ball Valves, Filters, Safety Shut Off Valves, Regulators, Safety Relief Valves, Ratio Regulators, Orifice Plate Assemblies, Pressure Gauges, Pressure Switches, Gas Trains with Gas Flow Meters.

AVCON also offer:

- **BADGER** - Research Control Pneumatic & Motorised Miniature Valves.



OUR VALVES



CONTROL VALVES



**GAS
PRODUCTS**



**ANGLE SEATED
VALVES**



**BALL
VALVES**



**SOLENOID
VALVES**



**BUTTERFLY
VALVES**



**ASEPTIC PHARMA
VALVES**

MANUFACTURING RANGE

OUR PRODUCT

PHARMA PRODUCTS



6227M

Manual Diaphragm Valve
Investment Casted / Forged

MOC : CF3M/ 1.4435/SS-316L

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 8 TO 100

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE



6827M

Pneumatic Diaphragm Valve
Investment casting / Forged

MOC : CF3M/ 1.4435/SS-316L

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 8 TO 100

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE



6527M

Motorised Actuated Valve
Investment casting / Forged

MOC : CF3M/ 1.4435/SS-316L

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 8 TO 50

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE



S.S.PneumaticDiaphragm Valves

MOC : Stainless Steel Actuator with
position indicator

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 8 TO 100

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE



6812M

Angle Seated Valve
Investment Casting

MOC : ASTM A351CF8 (Ss304)
ASTM A351CF8M (SS 316)

Surface Finish:

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

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE



4222M

Manual Butterfly Valve

MOC : Body
MOC: SS304/SS316/SS316L
Seat : EPDM/SILICON

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 25 TO 200

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: TC end

OUR PRODUCT

PHARMA

PRODUCTS



4322M
Pneumatic Butterfly Valve

MOC : Body
MOC: SS304/SS316/SS316L
Seat : EPDM/SILICON

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 25 TO 200

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: TC end



2270M
Manual Ball Valve

MOC : Body
MOC: SS304/SS316/SS316L
Seat : PTFE

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 25 TO 100

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: TC end



2370M
Pneumatic Ball Valve

MOC : Body
MOC: SS304/SS316/SS316L
Seat : PTFE

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: DN 25 TO 100

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: TC end



Manual and Pneumatic ZDL Block Valve

MOC : SS 316 L (ASTM A351CF3M)

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: Up to 2" (From Forgd block)
Above 2" Machined from plated
as per ASTM A262 / 262M &
ASTM A 240 / 240M

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE



Manual & Pneumatic Tank Bottom valves

MOC : SS 316 L (ASTM A351CF3M)

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: Sizes: ½" to 3"

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot End



Multiport Block Valves (Manual / Pneumatic)

MOC : SS 316 L (ASTM A351CF3M)

Surface Finish: Internal : 0.2 to 0.4 Ra
External : 0.8 RA

Sizes: Up to 2" (From Forgd block)
Above 2" Machined from plated
as per ASTM A262 / 262M &
ASTM A 240 / 240M

Temperature: (-)10 °C TO 150 °C

Working Pressure: 10 Bar

End Connection: Spigot and Triclamp as per BS
4825 / ASME BPE

OUR PRODUCT

PHARMA PRODUCTS



KXX S/NC-S/NO-D
Plastic Linear Actuator

Bodies : Available in Engineering Plastic

End Cover: Engineering Plastic

Angle of

Rotation: Linear max. 25mm

Operating

Pressure/Ele

ctric Supply: ---

Max.

Operating

Temp.: -10°C to 50°C

Accessories: 3B, 3D, 3E, 3F, 10 Available in
Spring return, Normally Closed/
Normally open/ Double acting
without spring



D-XXX S/NC-S/NO-D
Plastic Linear Actuator

Bodies : Available in Engineering Plastic

End Cover: Engineering Plastic

Angle of

Rotation: Linear max. 25mm

Operating

Pressure/Ele

ctric Supply: ---

Max.

Operating

Temp.: -10°C to 50°C

Accessories: 3B, 3D, 3E, 3F, 10 Available in
Spring return, Normally Closed/
Normally open/ Double acting
without spring





Office & Works Unit -I



Office & Works Unit -II



Office & Works Unit -III



Office & Works Unit -IV

AVCON is highly motivated team of Technical, Managerial Professionals with strong commitments to excellence in presentation of Automated Valves, which includes : SOLENOID - MOTORISED - PNEUMATICALLY OPERATED VALVES, used in diversified field where automation is needed.

AVCON Motto is

“Quality + Technology + Performance.”

This ensures “The worth of money you spend in buying Automated Valves.” Pioneer spirit at AVCON to design & develop Industrial duty Automated Valves, resulted in presenting most comprehensive complete range of Automated Valves. Recognised everywhere and yet economically priced.



Manufactured by:

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