

SAAD[®]

INDUSTRIAL VALVES



SAAD
Automation
Engineers

- Manual Valves
- Pneumatic Valves
- Motorized Valves



MANUAL VALVES

SAAD[®]
INDUSTRIAL VALVES

Single Piece Design Ball Valve Screwed End

Body : CI/WCB/CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE/CFT
End Connection : Screwed End
To BSP / NPT
Pressure : Upto 10 Kg/Cm²
Temperature : Upto 180° C



Three Piece Design Ball Valve Screwed End

Body : CI/WCB/CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE/CFT
End Connection : Screwed End
To BSP/NPT
Pressure : Up to 10 Kg/Cm²
Temperature : Upto 180° C



Two Piece Design Ball Valve Flanged End

Body : WCB/CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE/CFT
End Connection : Flanged End To
ASME B 16.5 150#/300#/600#
Pressure : Upto 41 Kg/Cm²
Temperature : Upto 180° C



Three Piece Design Ball Valve Flanged End

Body : CI/WCB/CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE/CFT
End Connection : Flanged End To
ASME B 16.5 150#/300#/600#
Pressure : Up to 41 Kg/Cm²
Temperature : Upto 180° C



3 Way/4 Way Ball Valve Screwed End

Body : WCB/CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE/CFT
End Connection : Screwed End
To BSP/NPT
Pressure : Upto 10 Kg/Cm²
Temperature : Upto 180 °C



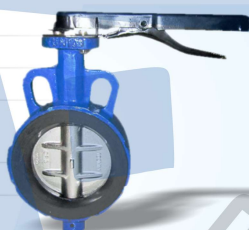
3 Way/4 Way Ball Valve Flanged End

Body : WCB/CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE/CFT
End Connection : Flanged End To
ASME B 16.5 150#/300#
Pressure : Upto 20 Kg/Cm²
Temperature : Upto 180 °C



Centric Disc Butterfly Valve Wafer Type End

Body : CI/WCB/CF8/CF8M
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM/WHITE EPDM
End Connection : Wafer Type To Suit
ASME B16.1 150#
Pressure : PN 10/16
Temperature : Upto 120 °C



Double Offset Disc Butterfly Valve Wafer Type End

Body : WCB/CF8/CF8M
Disc : CF8/CF8M
Seat : PTFE
End Connection : Wafer Type To
Suit ASME B16.1 150#
Pressure : PN 10/16
Temperature : Upto 180 °C



Centric Disc Butterfly Valve Wafer Lug Type End

Body : CI/WCB/CF8/CF8M
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Wafer Lug Type
To ASME B16.1
Pressure : PN 10/16
Temperature : Upto 120 °C



Centric Disc Butterfly Valve Double Flange End

Body : CI/WCB/CF8/CF8M
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Flanged End To
ASME B16.5 150#
Pressure : PN 10/16
Temperature : Upto 120 °C



MANUAL VALVES



Outside Screw & Yoke Type Gate Valve Flanged End

Body : CI/WCB/CF8/CF8M/CF3/CF3M
Trims : 13 Cr./18 Cr. 8 Ni/18 Cr. 10 Ni 2 MO
Seat : METAL
End Connection : Flanged End To ASME B16.5 150#/300#/600#/1500#/2500#
Hyd. Test Pressure : Depend On Class



Knife Edge Gate Valve Wafer Lug Type End

Body : CI/WCB/CF8/CF8M
Gate : CF8/CF8M
Seat : METAL/NITRILE/PTFE
End Connection : Lug Type
 Flanged To ASME B16.5/Wafer Type End
Manufacturing Standard : MSS-SP-81



Outside Screw & Yoke Type Globe Valve S/E.S/W

Body : F.C. Steel (A-105)/F304/F316
Trims : 13 Cr./18 Cr. 8 Ni/18 Cr. 10 Ni 2 MO
Seat : METAL
End Connection : Screwed
 End/Socket Weld To ASME B 16.5 (800#/1500#/2500#)
Pressure : Depend On Pressure Class



Outside Screw & Yoke Type Globe Valve Flanged End

Body : CI/WCB/CF8/CF8M/CF3/CF3M
Trims : 13 Cr./18 Cr. 8 Ni/18 Cr. 10 Ni 2 MO
Seat : METAL
End Connection : Flanged End To ASME B16.5 150#/300#/600#/1500#/2500#
Hyd. Test Pressure : Depend On Class



Swing Type Check Valve Flanged End

Body : CI/WCB/CF8/CF8M
Trims : 13 Cr./18 Cr. 8 Ni/18 Cr. 10 Ni 2 MO
Seat : METAL
End Connection : Flanged End To ASME B 16.5 (150#/300#/600#)
Test Pressure : Depend On Class



Wafer Type Check Valve

Body : M.S./CF8/CF8M
Disc : M.S./CF8/CF8M
Seat : NITRILE/EPDM/PTFE
End Connection : Wafer Type To ASME B 16.5
Test Pressure : Upto 10 Kg/Cm²



Y Type Strainer Flanged End

Body : CI/WCB/CF8/CF8M
Screen : CF8/CF8M
End Connection : Flanged End To ASME B16.5 (150#/300#/PN40)
Test Pressure : Depend On Class



Thermodynamic Steam Trap S/E, S/W

Body : CA 15/CF8/A-105/F 22
Trims : 13 Cr./18 Cr. 8 Ni
End Connection : Screwed
 End/Socket Weld To ASME B 16.11 800#/1500#
Test Pressure : Depend On Class



Direct Activated Pressure Reducing Valve S/E, F/E

Body Bonnet & Parts : CF8/CF8M
Seat : NITRILE/VITON
Media : WATER/OIL/GAS/STEAM
End Connection : Screwed End To BSP/ Flanged To ASME B 16.5
Pressure Adjusting Range : 1 - 6 kg/Cm² 4 -10 Kg/Cm²
Temperature : Upto 200°C



Direct Activated Silent Safety Valve S/E, F/E

Body : CF8/CF8M
Seat : NITRILE/VITON
Media : Hot Water/Water/Steam/Oil/Gas
End Connection : Screwed End To BSP/ Flanged End To ASME B 16.5
Pressure Range : 0.5 – 10 Kg/Cm²
Temperature : Upto 200°C



PNEUMATIC ACTUATOR VALVES



Actuator Operated Three Piece Ball Valve Screwed End

Body : WCB/CF8/CF8M/CF3M
Ball : CF8/CF8M/CF3M
Seat : PTFE/CFT
End Connection : Screwed End
 To BSP/NPT/Socket Weld End
Pressure : Up to 10 Kg/Cm²
Temperature : Upto 180° C



Actuator Operated Three Piece Ball Valve Flange End

Body : WCB/CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE/CFT
End Connection : Screwed End To BSP/
 Flanged End To ASME B 16.5
 150#/300#/600#
Pressure : ON Request



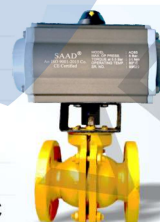
Actuator Operated Two Piece Ball Valve Flange End

Body : WCB/CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE/CFT
End Connection : Flanged End To
 ASME B 16.5 150#/300#/600#
Pressure : On Request
Temperature : Upto 180 °C



Actuator Operated PFA/FEP Lined Ball Valve Flange End

Body : S.G. IRON/WCB/CF8/CF8M
Ball : WCB/CF8/CF8M
Seat : PFA/FEP Lined
End Connection : Flanged End
 To ASME B 16.5
Pressure : Upto 10 Kg/Cm²
Temperature : PFA – 200 °C FEP – 220 °C



Actuator Operated 3 Way/4 Way Ball Valve Screwed End

Body : CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE/CFT
End Connection : Screwed End
 To BSP/NPT
Pressure : Upto 10 Kg/Cm²
Temperature : Upto 180 °C



Actuator Operated 3 Way/4 Way Ball Valve Flanged End

Body : WCB/CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE/CFT
End Connection : Flanged End To
 ASME B 16.5 150#/300#
Pressure : Upto 20 Kg/Cm²
Temperature : Upto 180 °C



Actuator Operated Centric Disc Butterfly Valve Wafer End

Body : CI/WCB/CF8/CF8M
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Wafer Type To
 Suit ASME B16.1 150#
Pressure : PN 10/16
Temperature : Upto 120 °C



Actuator Operated Double Offset Disc Butterfly Valve

Body : WCB/CF8/CF8M
Disc : CF8/CF8M
Seat : PTFE
End Connection : Wafer Type To
 Suit ASME B16.1 150#
Pressure : PN 10/16
Temperature : Upto 180 °C



Actuator Operated Centric Disc Butterfly Valve Lug Type

Body : CI/WCB/CF8
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Wafer Lug Type
 To ASME B16.1
Pressure : PN 10/16
Temperature : Upto 120 °C



Actuator Operated Butterfly Valve Double Flange End

Body : CI/WCB
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Flanged End
 To ASME B16.5 150#
Pressure : PN 10/16
Temperature : Upto 120 °C



PNEUMATIC ACTUATOR VALVES



Pneumatically Operated Y Type Control Valve Screwed

Body : CF8/CF8M
Working Parts : CF8/CF8M
Seat : PTFE
End Connection : Screwed
 End To BSP
Pressure : Upto 10 Kg/Cm²
Temperature : 180 °C



Pneumatically Cylinder Operated Y Type Control Valve Flanged

Body : CF8/CF8M
Working Parts : CF8/CF8M
Seat : PTFE
End Connection : Flanged End To
 ASME B 16.5 150#/300#
Pressure : Upto 10 Kg/Cm²
Temperature : 180 °C



Pneumatic Diaphragm Actuator 2 Way/3 Way Control Valve

Body : WCB/CF8/CF8M
Internal Parts : CF8/CF8M
Seat : METAL/CFT
End Connection : Flanged End
 To ASME B 16.5
Test Pressure : Upto 10 Kg/Cm²



Pneumatic Diaphragm Actuator 2 Way/3 Way Control Valve

Body : WCB/CF8/CF8M
Internal Parts : CF8/CF8M
Seat : METAL/CFT
End Connection : Flanged End To
 ASME B 16.5
Hyd. Test Pressure : Upto 10 Kg/Cm²



Cylinder Operated 2 Way/3 Way Control Valve Flanged End

Body : WCB/CF8/CF8M
Internal Parts : CF8/CF8M
Seat : METAL/CFT
End Connection : Flanged End
 To ASME B 16.5
Pressure : Upto 7 Kg/Cm²
Temperature : Up to 450°C



Pneumatic Cylinder Operated Knife Edge Gate Valve

Body : CI/WCB/CF8/CF8M
Plate : CF8/CF8M
Seat : METAL/NITRILE/PTFE
End Connection : Wafer Lug Type End
Manufacturing Standard : MSS-SP-81



2/2 Way Pilot Operated Diaphragm Type Solenoid Valve

Body : BRASS/CF8/CF8M
Diaphragm & Seal : NITRILE/EPDM/VITON
Pressure Range : 0.3 To 10 Bar ,
 0.5 Bar To 12 Bar
Operating Voltage : AC- 12V,24V,
 110V,230, DC- 12V,24V
Media : Air, Water, Gas, Chemical



2/2 Way Semi Lift Diaphragm Operated Solenoid Valve

Body : BRASS/CF8/CF8M
Diaphragm & Seal : NITRILE/EPDM/VITON/PTFE
Pressure Range : 0 Bar To 2 1/4/7 Bar
Operating Voltage : AC- 12V,24V,110V,230
 DC- 12V,24V
Media : Air, Water, Gas, Chemical,
 Hot Water



2/2 & 3/2 Way Direct Acting Solenoid Valve

Body : ALUMINIUM/BRASS/CF8/CF8M
Seal : NITRILE, EPDM, PTFE
Pressure Range : 0 Bar To 10/25/150 Bar
Operating Voltage : AC- 12V,24V,110V,230
 DC- 12V,24V
Media : Air, Water, Gas, Oil



Puls Jet Angel Type Dust Collector Solenoid Valve

Body : ALUMINIUM DIE CAST
Diaphragm & Seal : NITRILE
Pressure Range : 0.5 Bar To 8.5 Bar
Operating Voltage : AC- 12V,24V,110V,230
 DC- 12V,24V
Media : Air



MOTORIZED ACTUATOR VALVES



Motorized Actuator Operated Two Piece Ball Valve S/E

Body : CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE
End Connection : Screwed End To BSP/NPT
Pressure : Upto 10 Kg/Cm²
Temperature : Upto 180° C



Motorized Actuator Operated Three Piece Ball Valve F/E

Body : CI/WCB/CF8/CF8M/CF3/CF3M
Ball : CF8/CF8M/CF3/CF3M
Seat : PTFE
End Connection : Flanged End To ASME B 16.5 (150#/300#)
Pressure : Up to 20 Kg/cm²
Temperature : Upto 180° C



Motorized Actuator Operated 3 Way/4 Way Ball Valve S/E

Body : CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE
End Connection : Screwed End To BSP/NPT
Pressure : Upto 10 Kg/Cm²
Temperature : Upto 180° C



Motorized Actuator Operated 3 Way/4 Way Ball Valve F/E

Body : S.G. IRON/WCB/CF8/CF8M
Ball : CF8/CF8M
Seat : PTFE
End Connection : Flanged End To ASME B16.5 150#/300#
Pressure : Depend On Class
Temperature : Upto 180° C



Motorized Actuator Operated Centric Disc Butterfly Valve

Body : CI/WCB/CF8/CF8M
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Wafer Type To Suit ASME B16.1 150#
Pressure : PN 10/16
Temperature : Upto 120° C



Motorized Actuator Operated Off Set Disc Butterfly Valve

Body : WCB/CF8/CF8M
Disc : CF8/CF8M
Seat : PTFE
End Connection : Wafer Type To Suit ASME B16.1 150#
Pressure : PN 10/16
Temperature : Upto 180° C



Motorized Actuator Operated Lug Type Butterfly Valve

Body : CI/WCB
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Wafer Lug Type To ASME B16.1
Pressure : PN 10/16
Temperature : Upto 120° C



Motorized Actuator Operated Double Flange Butterfly Valve

Body : CI/WCB
Disc : S.G. IRON/CF8/CF8M
Seat : NITRILE/EPDM
End Connection : Flanged End To ASME B16.5 150#
Pressure : PN 10/16
Temperature : Upto 120° C



Motorized Multi Turn Actuator Operated Gate Valve

Body : WCB/CF8/CF8M
Internal Parts : 13 Cr./18 Cr. 8 Ni
Seat : Metal to Metal/EPDM
End Connection : Flanged End To ASME B 16.5 (150#/300#)
Pressure : Upto 20 Kg/Cm²
Temperature : Ambient



Motorized Actuator Operated 2 Way / 3 Way Control Valve

Body : WCB/CF8/CF8M
Internal Parts : 13 Cr./18 Cr./WCB/CF8
Seat : Metal to Metal/PTFE
End Connection : Screwed End To BSP/ Flanged End To ASME B 16.5 (150#)
Pressure : Upto 6 Kg/Cm²
Temperature : Upto 450°



PNEUMATIC VALVES & ACCESSORIES

SAAD
INDUSTRIAL VALVES

Round Body/Square Body Pneumatic Cylinder

Top Cover : Aluminium Alloy
Bottom Cover : Aluminium Alloy
Piston Rod : BS-970-90/EN8
Piston : Aluminium Alloy
O Ring For Piston : Nitrile
V Seal : Nitrile Buna N
Nut For Shaft : BS-970-90/EN8



Moisture Separator

Body : Aluminium/M.S.
Cartridge : Imported SS
Working Pressure : Up to 10 Kg/Cm²
Testing Pressure : Up to 12/24 Kg/Cm²
End Connection : Screwed End To BSP/Flanged End To ASME B16.5



Electrical Auto Drain Valve

Coil Voltage : 230V(110,24,12V AC/DC)
Body : CF8
Ambient Temperature : 20°C to 85°C
On Time : 0.5 to 10 Sec.
Off Time : 0.5 to 45 Minutes



Mechanical Auto Drain Valve

Body : Aluminium Die Cast
Float Valve : SS
Seat : Nitrile
Pressure : 0 to 16 Bar
Temperature : 85°C
Media : Moisture From Compressed Air



Roto Seal Coupling (Left/Right Threaded)

Body : CF8
Shaft : CF8
Grease Cap : Brass
Seat : Viton/CFT
Spring : Steel
Spring Washer : SS
Spacer : SS Steel



Manual Over Ride Clutch Type Worm Gear

Body : S.G. IRON
Wheel : S.G. IRON
Seal : Nitrile

Suitable For Ball Valve And Butterfly Valve



3/2 & 5/2 Way Namur Solenoid Valve

Body : Aluminium Anodize
Solenoid Cover : Aluminium Anodize
Piston : Aluminium
Coil : F Class
Manual Adjuster :
Aluminium Pressure Die Cast
Spring : SS
End Cover : Aluminium



Limit Switch

Type : 1 NO + 1 NC/2 NO + 2 NC
Material : Aluminium Pressure Die Cast
Switch Rating : AC 250V 3A, 125V 5A
DC 250V 0.2A, 125V 0.4A, 30V 4A
Enclosure Protection : IP 67
Ambient Temperature : -20°C ~ 80°C
Terminal : 8 Points



Filter Regulator + Lubricator

Body : Aluminium Pressure Die Cast
Bowl : Polycarbonate
Safety Guard : Sheet Metal
Spring : Steel
Drain Assembly : Nylon
Filter Element : Sinter Bronze
Baffle : Nylon



Electro Pneumatic Valve Positioner

Material : Aluminium Pressure Die Cast
Input Signal : 4 – 20 mA DC
Flow Capacity : 80 LPM (1.4 Kg/Cm²) Supply
Air Consumption : 5.0 LPM (1.4 Kg/Cm²) Supply
Characteristics : Linear
Pre. Gauge : SS 0-2 Kg/Cm²/0-4 Kg/Cm²/0-10 Kg/Cm²
Supply Air Pressure : 20 -100 psi (7.0 Kg/Cm²)



MOTORIZED ACTUATORS:-



Our Clients

 Indian Space Research Organization	 भारतीय विमानचरण प्राधिकरण AIRPORTS AUTHORITY OF INDIA	 GAIL (India) Limited	 हिन्दुस्तान पेट्रोलियम	 vedanta transforming for good
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