

ChemFlow Control Systems



ChemFlow Control Systems has started functioning with a clear vision of providing Reliable and Excellent Quality, Manual and Pneumatically operated Valves and other Piping Accessories especially for Process Controlling and Automation of Process Industries.

Our parent companies are already in this field for the past 25 years & have been focusing on various types of manual valves, pneumatic actuators and related products, other piping accessories etc., especially for the Chemical, Pharmaceuticals, Textile and other Industries.

We have expertise in giving Excellent, Innovative and Best in class Standard / Customized Products. We also provide On-time service to our Customers to fulfill the requirement to their utmost satisfaction.

Ball Valves



3 PC Ball Valve



2 PC Ball Valve



1 PC Ball Valve



TC Coupled Ball Valve

Standards		
Design		BS 5351
End to End	Flange End	ASME B16.5
	Socketed End	ASME B16.11
	Screwed End	ASME B16.11
	TC End	ISO 2852
Face to Face / End to End Dimension	Flange End	ASME B16.10
Pressure testing		API 598 / BS 5146
Material of Construction	Body & End connection	ASTM A216 Gr. WCB / ASTM A351 Gr. CF8 / ASTM A351 Gr. CF8M
	Ball	ASTM A351 Gr. CF8 / ASTM A351 Gr. CF8M
	Stem	AISI 304 / AISI 316
	Stem Thrust Seal	GFT / PTFE / RPTFE / CFT
	Stem Packing	GFT / PTFE / RPTFE / Graphite
	Seat	GFT / PTFE / RPTFE / CFT
	Stud / Bolt / Nut	AISI 304 / AISI 316
Operation		Hand Lever (MS with PVC Grip) / Gearbox / Actuator
Construction Type		3 Piece / 2 Piece / Single Piece Ball Valve
Rating		Class 150 / 300 / As per requirement
Bore		Full Bore
Size		15 to 200 NB

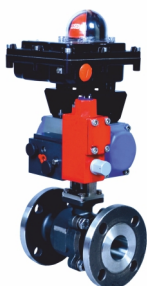
Pneumatic Rotary Actuated Ball Valves



2 PC CF8M Electro plated Ball Valve with SA Actuator, FLP Dome Switch and SOV



2 PC CF8M Ball Valve with SA Actuator and SOV



2 PC CF8M Ball Valve with DA Actuator, FLP Dome Switch and SOV



2 PC WCB Ball Valve with SA Actuator



TC Coupled CF8M Ball Valve with DA Actuator, FLP Dome Switch & SOV

Standards		
Design		BS 5351
End to End	Flange End	ASME B16.5
	Socketed End	ASME B16.11
	Screwed End	ASME B16.11
	TC End	ISO 2852
Face to Face / End to End Dimension	Flange End	ASME B16.10
Pressure testing		API 598 / BS 5146
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	Stem	AISI 304 / AISI 316
	Stem Thrust Seal	GFT / PTFE / RPTFE / CFT
	Stem Packing	GFT / PTFE / RPTFE / Graphite
	Seat	GFT / PTFE / RPTFE / CFT
	Stud / Bolt / Nut	AISI 304 / AISI 316
Operation		Pneumatic Rotary Actuator
Construction Type		3 Piece / 2 Piece / Single Piece Ball Valve
Rating		Class 150 / 300 / As per requirement
Bore		Full Bore
Size		15 to 200 NB
Actuator - Material Of Construction		
Body		Extruded Aluminium Alloy - Hard Anodised
End Cap		Die Cast Aluminium - Powder Coated / Anodised
Piston		Die Cast Aluminium
Pinion & Shaft		Alloy Steel - Electroless Nickel Plated
Shaft Bearings and Piston Guides		Derlin / PTFE
Piston O Rings & Seal		Nitrile Butadiene Rubber / Silicon
Spring		Spring Steel - Grade 3
Fasteners		Stainless Steel
Mounting Bracket		Carbon Steel / Stainless Steel
Functional Details		
Actuator Operation		Pneumatically operated - 0 to 90 Deg Rotation
Actuator Action		Single and Double Acting
Max Torque in Nm		Up to 430
Operating Air Pressure Range in Bar		4 to 8
Operation Temperature Range in Deg C		-20 to 80
SOV Type and Coil Voltage		Namur 24 V DC / 230 V AC Weatherproof / Flameproof
SOV MOC		Aluminium / As per requirement
Valve Positioner		Standard Position Indicator / Weatherproof / Flameproof Dome Switch with Open and Close Feedback Sensors / Switches
Open / Close Feed back sensor / Switch		P + F / Honeywell / As per requirement
Dome Switch MOC		Aluminium

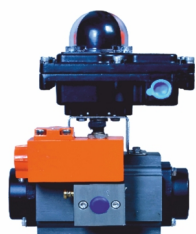
Pneumatic Rotary Actuators



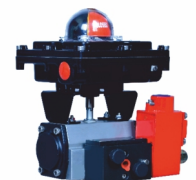
Single Acting Actuator
with Weatherproof SOV
and Position Indicator



Double Acting Actuator
with Weatherproof SOV
and Position Indicator



Single Acting Actuator
with FLP SOV & Dome
Switch



Double Acting Actuator
with FLP SOV & Dome
Switch

Material of Construction	
Body	Extruded Aluminium Alloy - Hard Anodised
End Cap	Die Cast Aluminium - Powder Coated / Anodised
Piston	Die Cast Aluminium
Pinion & Shaft	Alloy Steel - Electroless Nickel Plated
Shaft Bearings and Piston Guides	Derlin / PTFE
Piston O Rings & Seal	Nitrile Butadiene Rubber / Silicon
Spring	Spring Steel - Grade 3
Fasteners	Stainless Steel
Actuator Holding Bracket	Carbon Steel / Stainless Steel
Functional Details	
Actuator Operation	Pneumatically operated - 0 to 90 Deg Rotation
Actuator Action	Single and Double Acting
Max Torque in Nm	Up to 430
Operating Air Pressure Range in Bar	4 to 8
Operation Temperature Range in Deg C	-20 to 80
SOV Type and Coil Voltage	Namur 24 V DC / 230 V AC Weatherproof / Flameproof
SOV MOC	Aluminium / As per requirement
Valve Positioner	Standard Position Indicator / Weatherproof / Flameproof Dome Switch with Open and Close Feedback Sensors / Switches
Open / Close Feed back sensor / Switch	P + F / Honeywell / As per requirement
Dome Switch MOC	Aluminium



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