

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

Port :	Refer below technical data sheet (Available BSP / NPT)
End Connection :	Screw End
Body Material :	SS ASTM A351 Grade CF8
Seal :	PTFE / VITON
Circumstance Temp :	-10°C to 70°C
Media Temp :	-10°C to 180°C
Media :	Steam, Air, Water, Chemical, Gases, Oil, Diesel, Hot Water
Leakage :	As per ANSI B16.104 - 1976Teflon seating class IV. For other soft seating class VI Drop Tight/Bubble Tight.
Stem Packing :	Self adjusting, Spring loaded Teflon packing.
Air Quality :	Lubricated /Non-lubricated.

Actuator (Spring Return) Type

Cover :	CF8
Plate :	CF8
Working Pressure :	4.5 to 7 bar air (Not Recommended actuator for pneumatic pressure above 7 bar)
Seal Material :	NBR / VITON
Life :	1 million cycle
Other Technical Data :	Available on Request

Mixing

Valves can be used for introducing two different fluids (mixing) through two different ports to common port 'AB'.

Diverting

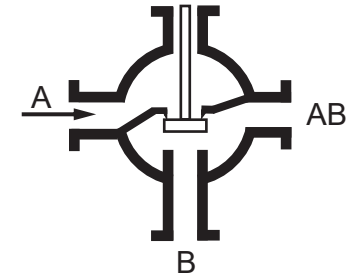
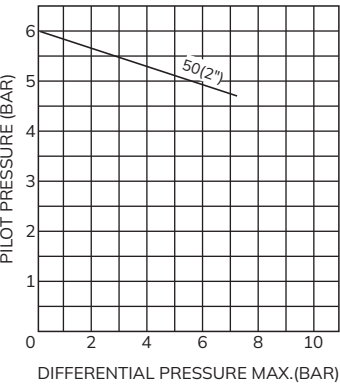
One fluid coming through port 'AB' can be diverted to 'A' port or 'B' port.

Technical Data

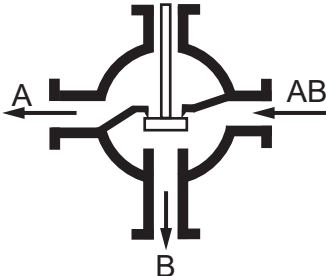
Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Min. Operating Pressure Kg/cm ²	Max. Operating Pressure Kg/cm ²	Seal & 'O' Ring Material	Flow Factor Kv m ³ / hr
TCP-8Z	CF8	2"	45	0	7	PTFE	35

Operation

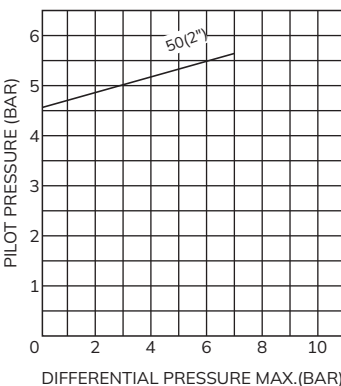
In normal condition, 'A' port is closed and 'AB' port is connected to 'B' or 'B' port is connected to 'AB' port. On receiving pilot pressure, 'A' port is connected to 'AB' or 'AB' port is connected to 'A' closing port B.



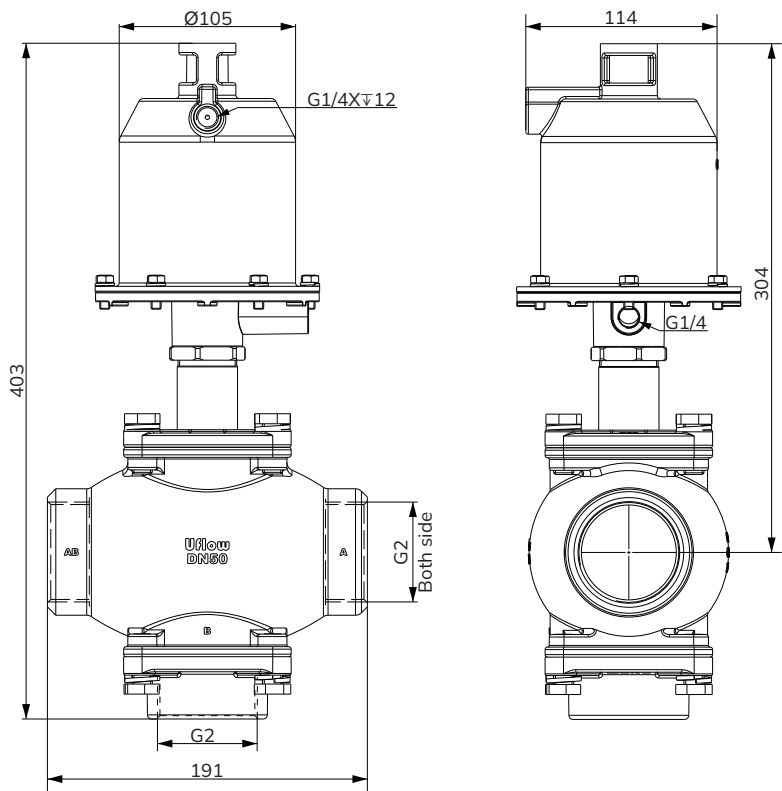
Pressure at Port 'A',
AB Connected 'B' 'A' is Close.



Diverting - Pressure at 'AB'
Connected to 'B' 'A' Port is Close.

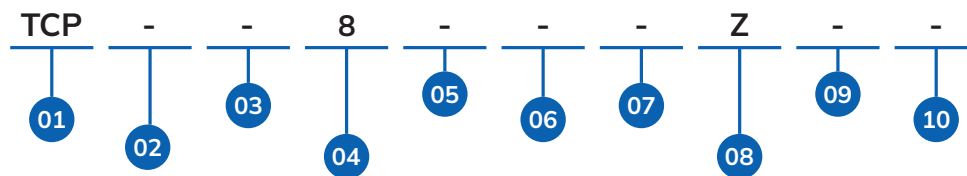


Dimension (All dimensions in mm)



* All dimensions are approx

2 WAY CONTROL VALVE WITH ALUMINUM OPERATOR MODEL IDENTIFICATION CHART



01	SERIES
	TCP

02	Product Type
-	3 Way Control Valve SS Operator

03	BODY MATERIAL
-	CF8
M	CF8M
3	CF3M

04	Port Size
8	2"

05	Pressure Range
-	0 - 7 Bar

06	ACTUATOR SIZE
-	100 Clean

07	PORT CONNECTION
-	BSP
N	NPT
F	Flange End

08	VALVE POSITION
-	NC Above
Z	NO Above
R	BI Directional NC
L	BI Directional NO

09	CONFIG
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
...	...
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

10	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
...	...
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11

TCP-8Z

2" 3 WAY CONTROL VALVE CF8-PTFE-0 TO 7 Bar
-100 CLEAN-BSP-NO ABOVE

Note : The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.