

2/2 Way Angle Type On/Off Control Valve TC Ends



Model : STS

Accessories

- On / Off Type Limit Switch
- Combination (Filter + Regulator)
- Moisture Separator
- Quick Exhaust Valve

"aira" Offers 2/2 Way Pneumatic Cylinder Operated Investment Casting Angle Type Controls Valve. It has two working types, Normally Open & Normally Closed.

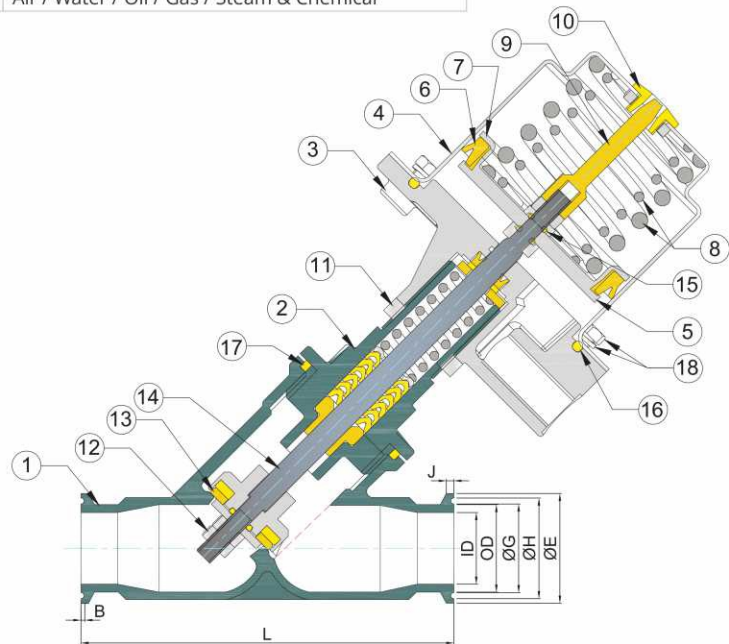
Size Range : 1/2" to 3" Triclover Ends

Actuator Specification	
Port Connection	1/4" BSP (NPT On Request)
Operating Pressure	4.5 to 7 BAR 1/2" to 2" / 5 to 7 BAR 2.1/2" to 4"
Operating Cycles	350 to 650 Cycles / Hr.
Media	Dry Lubricated Air / Inner Gases (Hydint Moisture Separator are advised to use in line)

STS Model Types	
Normally Close	Energised To Open
Normally Open	Energised To Close

Valve Specification	
Body Test Press.	10 Bar Maximum (12 Kg One Size Higher Actuator & 16 Kg Two Size Higher Actuator)
Working Pressure	Upto 10 Bar
Working Temperature	PTFE 180 °C / CFT 220 °C
Leakage	As per ANSI B16, 16.104 Leakage Class VI Shut Off Tight / Bubble Tight
Media	Air / Water / Oil / Gas / Steam & Chemical

Sr. No.	Description	Material
1	Body	CF8 / CF8M / CF3M
2	Bonnet	CF8 / CF8M / CF3M
3	Flange	Aluminum Alloy
4	Cap	S. S. 304
5	Piston Flat Washer	M. S.
6	Piston V - Seal	High Nitrile
7	Piston Cap Washer	M. S.
8	Piston Spring (RH & LH)	Spring Steel
9	Piston Indicator	Nylon
10	Piston Indicator Guide & Nut	Nylon
11	Lock Nut for Flange	M. S.
12	Lock Nut	S. S. 304
13	Plug Washer	PTFE / GFT
14	Plug + Shaft	S. S. 304
15	'O' Ring (6X1.5)	High Nitrile
16	'O' Ring for Flange	High Nitrile
17	Teflon for Body (Sealing Gasket)	PTFE
18	Piston Cap Hex Bolt & Spring Washer	S. S. 304



Dimensions :

Valve Model	Size		L	ID	OD	ØE	ØG	ØH	J	B	Weight Approx.
	Inch	MM									
STS - 15	1/2"	15	94	12.5	18.5	34	25.5	29.5	2.8	1.6	1.060
STS - 15	1/2"	15	94	12.5	23	50.5	40.55	46.44	2.85	1.6	----
STS - 15	1/2"	15	105	12.5	23	50.5	40.55	46.44	2.85	1.6	----
STS - 20	3/4"	20	94	17	23	34	25.5	29.5	2.85	1.6	1.060
STS - 20	3/4"	20	94	17	23	50.5	40.55	46.44	2.85	1.6	----
STS - 20	3/4"	20	105	17	23	50.5	40.55	46.44	2.85	1.6	----
STS - 25	1"	25	110	24	31	50.5	42	46	2.8	1.5	1.780
STS - 40	1.1/2"	40	138	32	41	50.5	42	46	2.8	1.5	2.280
STS - 50	2"	50	157	42.5	52.5	64	55.5	59.5	2.8	1.5	2.880
STS - 65	2.1/2"	65	225	62	74	91	80.55	86.45	2.85	1.6	----
STS - 80	3"	80	225	74	84	106	94.05	99.94	2.85	1.6	----

(All Dimensions are in mm)

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Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.