

Specifications:



Y-Type Pneumatically Control Valve (NC/NO TYPE)

Port :	Refer below technical data sheet (Available BSP / NPT)
End Connection :	Screwed, Flange
Body Material :	SS ASTM A351 Grade CF8 / CF8M
Seal :	TEFLON, VITON /EPDM /SILICON.
Circumstance Temp :	-10 °C to 90 °C
Media Temp:	-10 °C to 180 °C
Media :	Steam, Air, Water, Chemical, Gases, Oil, Diesel, Hot Water.

ACTUATOR TYPE

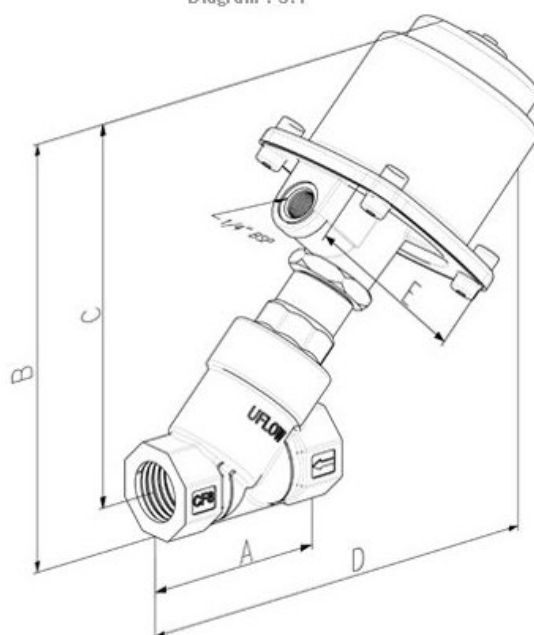
Cover :	SS304
Plate :	Aluminium Die Cast
Working Pressure :	3.5 to 7 bar.
Life :	More Than Ten Million Cycle.
Optional Features :	Water hammering reducer also available to avoid water hammer forces.
Other Specification Data :	Available on request.

Technical Data

Model No.	Body Material	Pipe (inch)	Orifice (mm)	Min. Operating Pressure Kg/Cm ²	Max. Operating Pressure Kg/Cm ²	Seal & Diaphragm Material	Flow Factor Kv m ³ /hr
YCP25	CF8 / CF8M	1/2 "	16	0	16	PTFE/ VITON / EPDM	4.00
YCP35	CF8 / CF8M	3/4 "	16	0	16	PTFE/ VITON / EPDM	7.50
YCP45	CF8 / CF8M	1 "	23	0	16	PTFE/ VITON / EPDM	13.50
YCP55	CF8 / CF8M	1 1/4"	34	0	16	PTFE/ VITON / EPDM	23.00
YCP65	CF8 / CF8M	1 1/2 "	34	0	16	PTFE/ VITON / EPDM	32.00
YCP83	CF8 / CF8M	2"	45	0	7	PTFE/ VITON / EPDM	55.00

Diagram

Diagram : 3.1



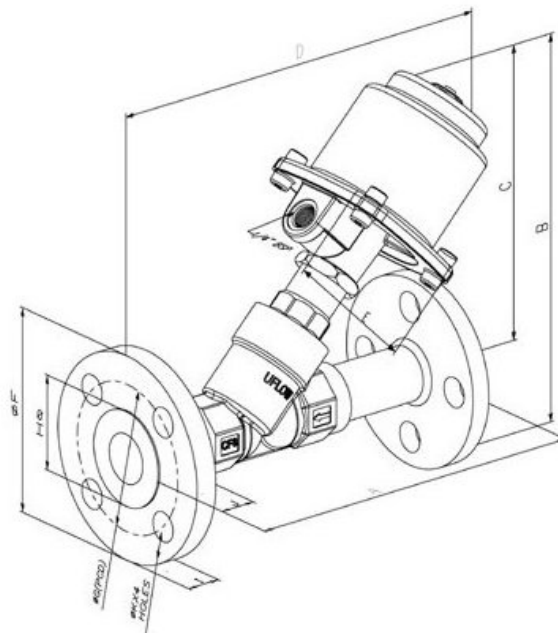
Dimension

Model No.	Port Size	Diagram No.	A	B	C	D	E
YCP25	1/2 "	3.1	65	168	154.50	177	90
YCP35	3/4 "	3.1	75	180	160.50	180	90
YCP45	1 "	3.1	90	186	164	189	90
YCP55	1 1/4"	3.1	124.50	210	180.50	217	90
YCP65	1 1/2 "	3.1	124.50	210	180.50	217	90
YCP83	2 "	3.1	150	227	191.50	232.50	90

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Diagram

Diagram : 3.2



Dimension

Model No.	Port Size	Diagram No.	A	B	C	D	E	F	G	H	I	J	K
YCP25F	1/2 "	3.2	161.75	201.50	154.50	205	90	90	60.30	35.25	8	9.60	16
YCP35F	3/4 "	3.2	169	210	160.50	200	90	100	69.90	43.50	9.60	11.20	16
YCP45F	1 "	3.2	180.50	218.50	164	226.50	90	110	79.40	51	11.10	12.70	16
YCP55F	1 1/4 "	3.2											
YCP65F	1 1/2 "	3.2	212	242.50	180.50	260	90	125	98.40	73.50	14.30	15.90	16
YCP83F	2 "	3.2	241.50	266	191	281.50	90	150	120.7	92.50	15.90	17.50	20

Model Identification Chart

