

"aira" offers Pneumatic Cylinder operated Gate Valves, engineered for multiple ON / OFF operation in the down stream.

Size Range : 1" To 14"

Technical Specifications :

End Connection	Flanged and / or lugged to ANSI B 16.5 RF 150# Butt Weld Ends to ANSI B 16.5
Face to Face	ANSI B 16.10
Manufacturing Std	API 600
Inspection Testing Std.	API 598

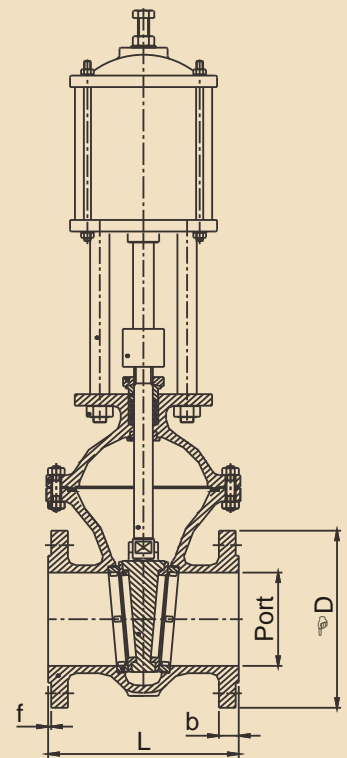
Pneumatic Cylinder

Barrel	Stainless Steel
End Covers	Graded Cast Iron
Piston	S.G.Iron / C.I.
Piston Rod	Stainless Steel
Seals	Nitrile
Working Pressure	4 to 12 bar
Operating Temperature	Upto 85 °C

For more details please refer Catalogue APL/1045

Gate Valve

Body	ASTM A216 Gr. WCB [S. Steel - On Request]
Bonnet	ASTM A216 Gr.WCB
Wedge (Solid)	ASTM A216 Gr.WCB
Steam	13 Cr. Steel to AISI 410
Seat Rings	ASTM A217 Gr. CA 15
Wedge Rings	ASTM A217 Gr. CA 15
Back Seat Bushing	13 Cr. Steel to AISI 410
Gland	13 Cr. Steel to AISI 410
Gland Flange	Carbon Steel to IS 226
Steam Nut	S.G. Iron to BS 2789
Lock Nut	Carbon Steel to BS 2789
Steam Pickings	Metallic Wire Reinforced Asbestos
Bonnet Gasket	Asbestos Filler S.S.304 Spiral Wounded
Bonnet Studs	ASTM A193 Gr. 87
Bonnet Nuts	ASTM A194 Gr. 2H
Gland Eye Bolts & Nuts	ASTM A 307 Gr. BS 4190
Gland Lug Bolts & Nuts	ASTM A 307 Gr. BS 4190
Hydraulic Test Pressure	Body : at 425 PSIG Seat : at 300 PSIG Back Seat : 300 PSIG



(All dimensions are in MM)

Accessories :

5/2, 3/2 Way Solenoid Valve, Pilot Valve, Filter Regulator, Moisture Separator Quick Exhaust Valve are available on request.

Dimensions :

MOC of Valve	Forged Steel							Cast Steel						
	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Size	25	32	40	50	65	80	100	125	150	200	250	300	350	400
Port	25	32	38	51	64	76	102	127	152	203	254	305	337	387
L face to face-RF	127	139.7	165.1	177.8	190.5	203.2	228.6	254	266.7	292.1	330.2	355.6	381	406.4
D	107.9	117.34	127	152.4	177.8	190.5	228.6	254	279.4	342.9	406.4	482.6	533.4	596.8
b	11.17	12.7	14.22	15.75	17.53	19.05	23.88	23.88	25.4	28.45	30.23	31.75	35.05	36.58