

Catalogue No.

APL / 1018

ISO 6431 Pneumatic Cylinder Operated Knife Gate Valves



"Airmax" offers ISO 6431 standard pneumatic Cylinder operated Knife Gate Design Valves are Solution to Heavy Fluid ON/OFF problems with tight shut off, leak proof provision.

APPLICATION : Slurries, Sludges, Powders, in Pulp & Paper, Textile, Chemical, Sewage, Sugar Plants

Size Range : 1" To 16"

Technical Specifications :

End Connection	Flanged and / or lugged to ANSI B 16.5 RF 150#
Face to Face	MSS SP-81
Manufacturing Std	MSS SP-81
Inspection Testing Std.	MSS SP-81

Pneumatic Cylinder

Barrel	Stainless Steel / Aluminium Honed and Anodized Tube
End Covers	Aluminium Press Die Cast / SG. Iron
Piston	Aluminium / Cast Iron / SG. Iron
Piston Rod	Steel-Hard Chrome Plated / S. Steel
Seals	Nitrile (Silicon, Viton on request.)
Working Press.	4 to 12 bar
Operating Temp.	Upto 85° C (High Temp. on request)

For more details please refer Catalogue APL /1015-1045

Knife Gate Valve

Body	ASTM A 351 Gr. CF 8 / CF 8 M / Combination of WCB & S/S
Knife Plate	SS 304 / SS 316
Seat	Nitrile (Silicon, EPDM, Viton Teflon & Metal Seated on request)
Packings	PTFE - impregnated asbestos layered with moulded rubber
Bosses	SS 304 / SS 316
Hydraulic Test Pressure	Body : at 11 Kg/Cm ² Seat : at 2.8 Kg/Cm ²

Dimensions : (All dimensions are in MM)

Working Pressure	W-Overall Width		L-Face to Face
	0 ~ 5 kg/cm ²		
Valve Size			Metal / Rubber
mm Inch			PTFE
50 2	98	48	
65 2.5	98	48	
80 3	98	51	
100 4	118	51	
125 5	118	57	
150 6	140	57	
200 8	180	70	
250 10	200	70	
300 12	220	76	
350 14	275	76	
400 16	275	89	
450 18	370	89	
500 20	405	114	
550 22	470	114	
600 24	470	114	

- The valve can be supplied with untapped holes or through holes as per at specific request of the user/client.

