

"aira" offers pneumatic Cylinder operated Knife Edge Design Knife Pulp Valve, are solution to PULP & Heavy Fluid ON / OFF problems in paper Industries

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

Size Range : 1.1/2" To 40"

Technical Specifications :

End Connection	Wafer / Lug to suit BS 10 Table-'D' / ANSI B16.5 (150#)
Manufacturing Std	MSS SP-81
Inspection Testing Std.	MSS SP-81

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

Pulp Valve

Body	C. I. IS 210 Gr. FG 200 (CAST STEEL / STAINLESS STEEL - on request)
Yokes	Carbon Steel
Knife Plate	SS 304 / SS 316
Seat	Resilient / Metal to Metal
Gland Plates	C. I. IS 210 Gr. FG 200 (Cast steel)
Stem Nut	G. M. / S.G. Iron
Gland Packings	PTFE Impregnated Asbestos (Style No. 1094)
Gasket	CAF / Resilient
Hydraulic Test Pressure	Body : at 5 Kg/Cm ² Seat : 2.8 Kg/Cm ²



Accessories :

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

Dimensions :

(All Dimensions are in mm)

Size		B	P.C.D.	K	Weight (Approx)
MM	Inch				
40	1.1/2"	35	98.5	1/2"	-
50	2"	40.5	120.7	5/8"	7.300
65	2.1/2"	50.12	139.7	5/8"	8.650
80	3"	45.9	152.4	5/8"	11.200
100	4"	51.7	190.7	5/8"	18.700
125	5"	56.7	215.8	5/8"	24.300
150	6"	62.2	240	3/4"	34
200	8"	67.3	298	3/4"	49
250	10"	70.1	363	3/4"	94.3
300	12"	72.8	435	7/8"	108.65
350	14"	75.2	476	7/8"	157.3
400	16"	76	539.8	1"	-
450	18"	89	578	1.1/8"	-
500	20"	114	635	-	-
600	24"	114	749.3	-	-
700	28"	ON REQUEST			
750	30"				
800	32"				
900	36"				
1000	40"				

