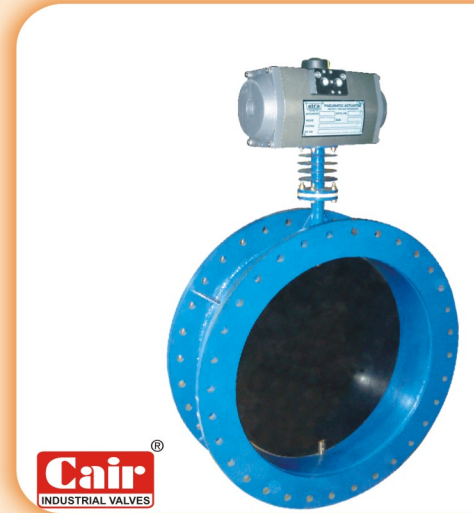


**"Cair"** Offers ISO 5211 Standard Pneumatic Rotary Actuator Operated flow Control of Air & Gas.

**Size Range : 24" To 48"**

**Technical Specifications :**

Body	M.S. / S.S. 304 / S.S. 316
Disc	CF8 / CF8M / CF3M / Teflon Coated / Powder Coated
Seat	Metal to Metal / Metal to Rubber Seat
Shaft	AISI 410 / CF8 / CF8M / CF3M
Valve Type	Centric Disc Butterfly Valve
Body Type	Double Flange
Seat Type	Metal to Metal / Metal to Rubber Seat
End Connection	Double Flange to Suit ANSI B 16.5 / ASME B 16.47 (# 150)
Pressure Rating	PN 10
Oper. Temp. Range	Upto 400 °C
Leakage	Class II (5% Leakage) of flow
Operation	Hand lever for sizes from 150 NB to 300NB Worm gear boxes for DN 40 to DN 1200



**Actuator Specifications :**

Actuator Type	Double Acting-Double Rack And Pinion
Body	Aluminium Anodized
Caps And Rack	Aluminium Pressure Die Cast
Pinion	EN 8
Seals	Viton
Air Pressure	4 to 9 Bar
Actuator Design	ISO 5211

**Accessories :**

- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (**Flame Proof Solenoid Coil - on request**)
- I/P Transducer (Converter)
- Pneumatic valve positioner
- Electro-Pneumatic valve positioner
- Declutchable Manual Over - ride
- Limit Switches for On / Off Indication at Panel board
- Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

**Standards**

- Design and manufacturing : API 609 category A/BS 5155 MSS SP-67 C-504
- Valve face to face dimensions : Short wafer as per ISO 5752 Tab 5 / API 609 Category A
- Top flange drilling : ISO 5211 Part II
- Inspection and testing : API 598 / BS 6755
- Flange standard conformity : ANSI 150, DIN PN6 / 10, JIS 5K/ 10K / BS 10 Tad D & E, IS 6392 NP 0.6 / 1.0

Test Pressure		
Testing	Body	Seat
Hydraulic	0.5 Kg/cm <sup>2</sup>	5% Leakage

**Dimensions :**

(All Dimensions are in mm)

Valve Model	Valve Size		Port	B	C	ØD	ØJ	N	PCD
	MM	Inch							
DFD - 600	600	24"	595	16	267	812.8	20	20	749.3
DFD - 650	650	26"	645	16	267	869.95	20	24	806.45
DFD - 700	700	28"	695	16	292	927.1	20	28	863.6
DFD - 750	750	30"	745	20	292	984.25	22	28	914.4
DFD - 800	800	32"	795	22	318	1060.45	22	28	977.9
DFD - 850	850	34"	845	22	318	1111.25	22	28	1028.7
DFD - 900	900	36"	895	25	330	1168.4	22	32	1085.85
DFD - 950	950	38"	945	28	330	1238.25	25	32	1149.35
DFD - 1000	1000	40"	995	28	410	1289.05	25	36	1200.15
DFD - 1050	1050	42"	1045	30	410	1346.2	25	36	1257.3
DFD - 1100	1100	44"	1095	30	410	1403.35	25	40	1314.45
DFD - 1150	1150	46"	1145	30	410	1454.15	25	40	1365.25
DFD - 1200	1200	48"	1195	30	410	1511.3	25	44	1422.4

