

BUTTERFLY VALVE PNEUMATIC WAFER TYPE

DOUBLE ACTING

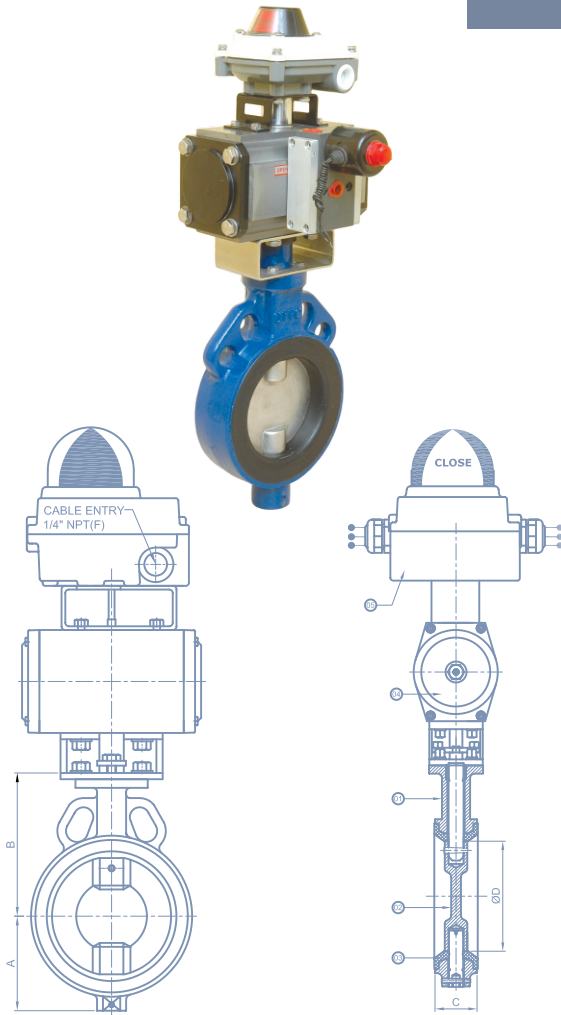
Actuator Details	(Double Acting - Double Rack and Pinion)
Body	Alluminium Anodized
Caps & Rack	Alluminium Pressure Die Cast
Pinion	En 8
Seals	Buna - N
Air Pressure	5 to 9 Bar
Actuator Design	ISO 5211

Butterfly Valve Details

Temperature	Up to 120°C
Pressure Rating	PN 10
End Connection	Wafer Sandwiched
Seat Leakage	Tight Shut Off
Valve Type	Centric Disc Butterfly Valve
Body Type	Short Wafer (Sandwiched between flanges)

Micro Limit Switches

Limit Switches	Limit switch box with dome type on off indicator for Open & Close indication
No. of Contacts provided with pre-wiring for avoiding separate connecting to be both limit switches.	2 Nos (1No + 1 nc-spdt type)
Sensing Element	Mechanical Switch
Enclosure certificate. Make of mechanical type	Water proof IP67
Proximity Switch	Hony well - Make. Model : V15



DIMENSIONS (IN MM)

VLV. Size	A	B	C	OD
1.1/2 (40)	53	103	33	40
2 (50)	59	113	43	50
2.1/2 (65)	67	121	46	65
3 (80)	75	128	46	80
4 (100)	94	146	52	100
5 (125)	108	158	56	125
6 (150)	120	174	56	150
8 (200)	147	198	60	200
10 (250)	216	260	71	241
12 (300)	250	284	81	288.5
14 (350)	265	310	88	350
16 (400)				
18 (450)				
20 (500)				

MATERIAL SPECIFICATIONS

NO.	Part Name	Material		
1.	Body	WCB	CAST IRON	CF8/ CF8M
2.	Disc	S.G. IRON	CAST IRON	CF8/ CF8M
3.	Seat	NITRILE	EPDM	PTFE / VITON
4.	Actuator (Double Acting)	ALLUMINIUM		
5.	Micro Limit Switch	STANDARD		
6.	Solenoid Valve	STANDARD / UTVC MAKE		

REF. STANDARDS :

- MFG. Standard** : API 609/ category A/BS 5155/C-504
Face to Face : Short wafer as per ISO 5752
 Tab 5/API 609 Category A
Flange drilling : ISO 5211Par II
Testing : API 598 / BS 6755
Flange Standards : ANSI 150, DIN Pn16/ 10, JIS 5K/
 10K/BS10 Tab D&E, IS 6392
 PN 1.0 / 1.6

TESTING DETAIL

Hydraulic Test Pressure Valve	
Body	16 Bar
Seat	11 Bar
Seat Air Test	

True Definition Of Safety And Reliability

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PNEUMATIC BUTTERFLY VALVES