

BUTTERFLY VALVE ELECTRICAL OVERRIDE

On - Off Type "MOD" series Electrical Actuator Details

Characteristic	On-Off Type
Travel	90° (Degree)
Indicator	Continuous Opsition Indicator
Phase	Single Phase
Supply	230 V AC, 50 Hz
Body	Alluminium Alloy & "A" Nylon
Ambient Temperature	20OC ~ 80OC
Moisture	10% to 95% (25OC)
Mechanic Motor Power	Class F
Protection Class	IP - 67 Weather Proof
Manual Adjustment	Wrench Setting
Limit Switch	1No + Output of 230V AC
Manual Override	Key Type Provided

Damper Valve Details

Temperature	Up to 180°C
End Connection	Wafer Design
Working Pressure	Up to 10 Kg
Seat Leakage	Tight Shut Off
Leakage Class	VI

Micro Limit Switches

Limit Switches	Limit switch box with dome type on off indicator for Open & Close indication
No. of Contacts provided	2 Nos (1No + 1 nc-spdt type) with pre-wiring for avoiding separate connecting to be both limit switches.
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.	Electrical Actuator	STANDARD		
5.	Manual Override	KEY TYPE		

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	

