

DOMINATOR

ANSI GROOVED BUTTERFLY VALVE WITH TAMPER SWITCH

OVERVIEW

The Grooved Butterfly Valve is simple, with compact and 90° slewing crane structure, it's mainly used for low pressure pipeline with tamper switch.

APPLICATION

The Grooved Butterfly Valve is an important component of the fire protection system. Manufacturer could provide two types with or without tamper switch. The operating temperature is from 0 to 80°C.

MATERIAL OF MATCHING PRODUCTS

DI Grooved couplings, like MECH type 1N, 1NS, 1G, 1GS

Material: ASTM A536,65-45-12

Standard: AWWA C606

SURFACE TREATMENT

- Epoxy power painting (colour numbers as RAL3000, RAL301, etc)
- Painting (colour numbers as RAL3000, etc)
- Others would be available upon clients' request

APPROVALS



RoHS



Certified to
NSF/ANSI 61 &
NSF/ANSI 372



DIMENSIONS	2"(DN50)-12"(DN300)
DESIGN STANDARD	MSS SP-67
CONNECTION STANDARD	AWWA C606
WORKING PRESSURE	363Psi
	300Psi
	250Psi
	200Psi
	175Psi

DIMENSIONS AND PERFORMANCE

SIZE	DIMENSIONS (mm)												
Inch	mm	A	B	C	ΦF	ΦG	L	L1	L2	H1	H	ΦW	IS05211
2"	50.0	89	65	81	60.3	57.15	122.5	7.93	15.88	127	202.2	125	F07
2.5"	65.0	102	71	97	73.0	69.09	122.5	7.93	15.88	127	202.2	125	F07
2.5"	65.0	102	71	97	76.1	72.26	122.5	7.93	15.88	127	202.2	125	F07
3"	80.0	109	81	97	88.9	84.94	122.5	7.93	15.88	127	202.2	125	F07
4"	100.0	128	95	116	114.3	110.08	122.5	9.53	15.88	127	202.2	125	F07
5"	125.0	141	111	148	139.7	135.48	122.5	9.53	15.88	127	202.2	125	F07
5"	125.0	141	111	148	141.3	137.03	122.5	9.53	15.88	127	202.2	125	F07
6"	150.0	153	133	148	165.1	160.9	122.5	9.53	15.88	139.5	215	225	F07
6"	150.0	153	133	148	168.3	163.96	122.5	9.53	15.88	139.5	215	225	F07
8"	200.0	184	164	133	219.1	214.40	122.5	11.10	19.05	198.5	274	225	F10
10"	250.0	216	196	159	273.1	268.28	122.5	12.70	19.05	198.5	274	225	F10
12"	300.0	254	226	165	323.9	318.29	132	12.70	19.05	202.5	293.5	225	F10

SIGN OFF

Owner : _____ Contractor : _____ Engineer : _____
Location : _____ Date : _____ Approved & Date : _____

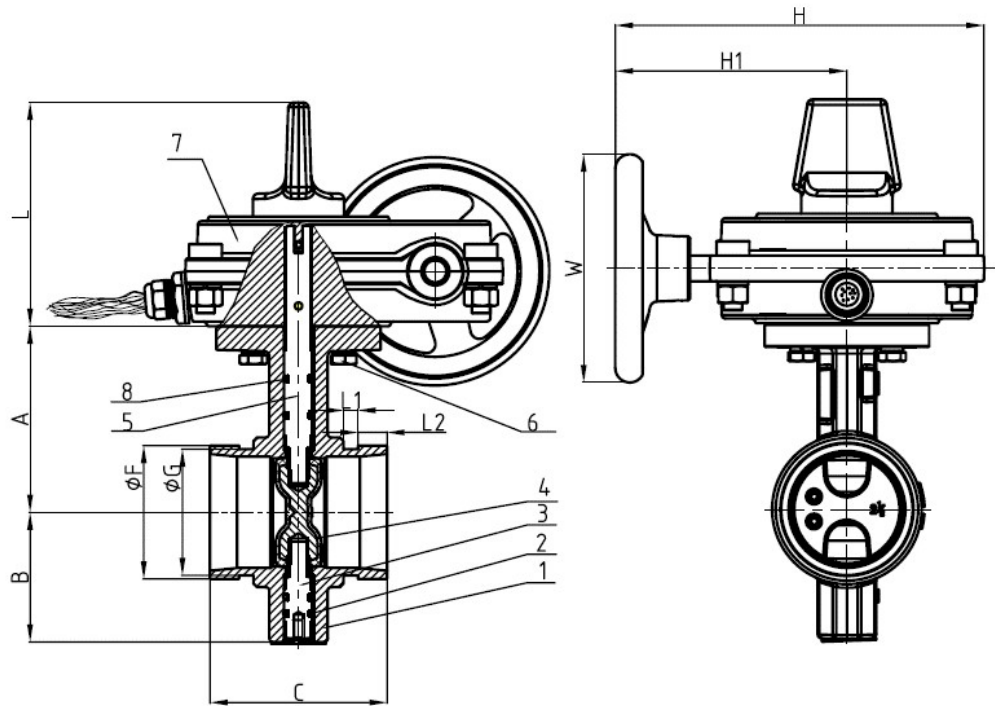


DOMINATOR

ANSI GROOVED BUTTERFLY VALVE WITH TAMPER SWITCH

SPECIFICATIONS

PRODUCT SKETCH



Part No.	Part	Standard Specification	Options
01	Valve Body	ASTM A536, 65-45-12	
02	O-Ring	NBR	EPDM
03	Stub Shaft	Stainless Steel	
04	Disc	ASTM A536, 65-45-12+ EPDM	ASTM A536, 65-45-12+NBR
05	Bolt	Carbon Steel Zinc Plated	
06	O-Ring	NBR	EPDM
07	Drive Shaft	Stainless Steel	
08	Gearbox	ASTM A536, 65-45-12	

SIGN OFF

Owner : _____ Contractor : _____ Engineer : _____
Location : _____ Date : _____ Approved & Date : _____

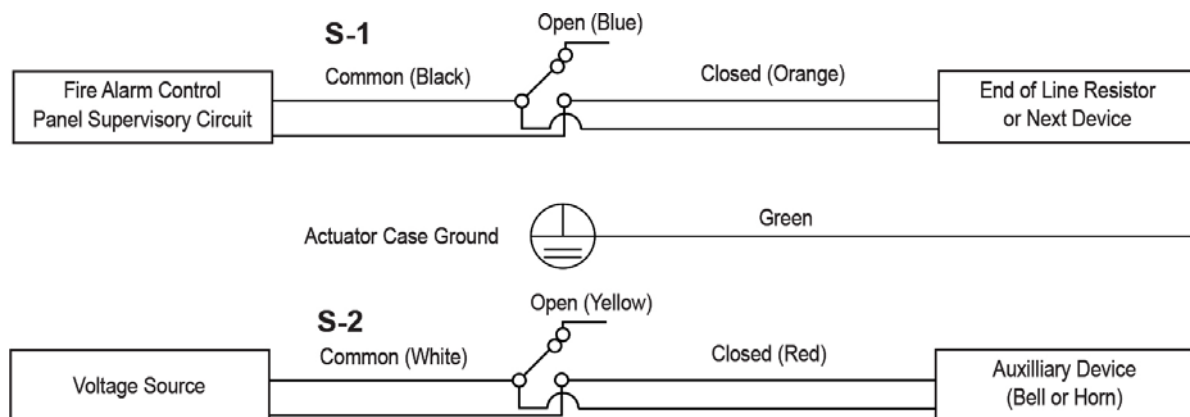


DOMINATOR

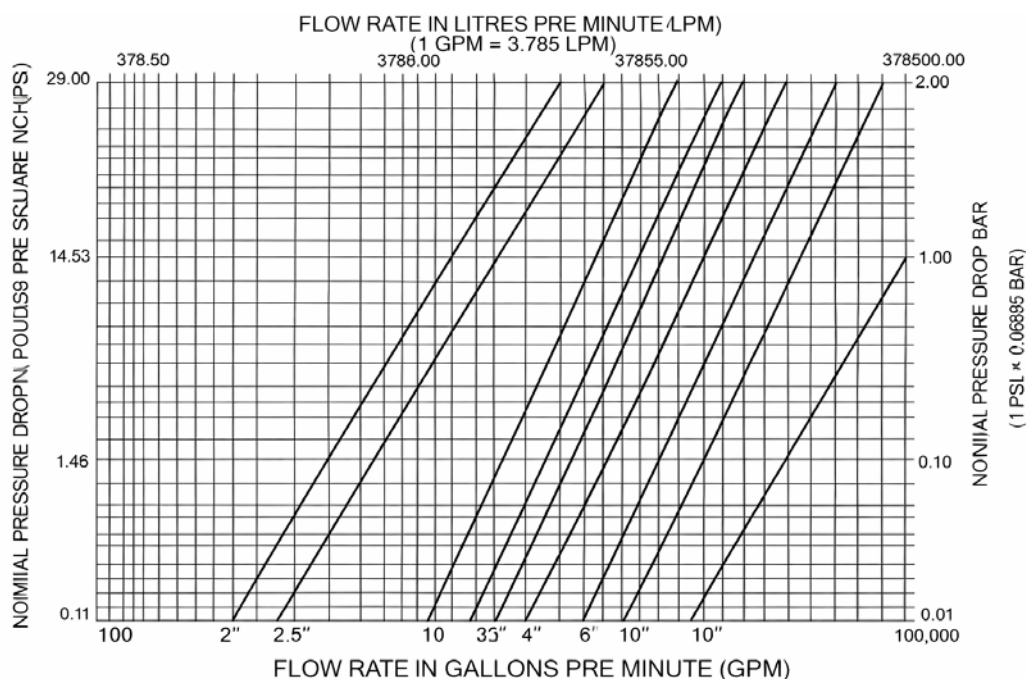
ANSI GROOVED BUTTERFLY VALVE WITH TAMPER SWITCH

SWITCH WIRING DIAGRAM

SWITCH PARAMETER: 16A 125/250VAC



FLOW RATES



STRENGTH AND CYCLE TESTING

Shell test	2 times of working pressure
Seal test	2 times of working pressure
Cycle test	1000 cycles

SIGN OFF

Owner : _____ Contractor : _____ Engineer : _____
 Location : _____ Date : _____ Approved & Date : _____

