

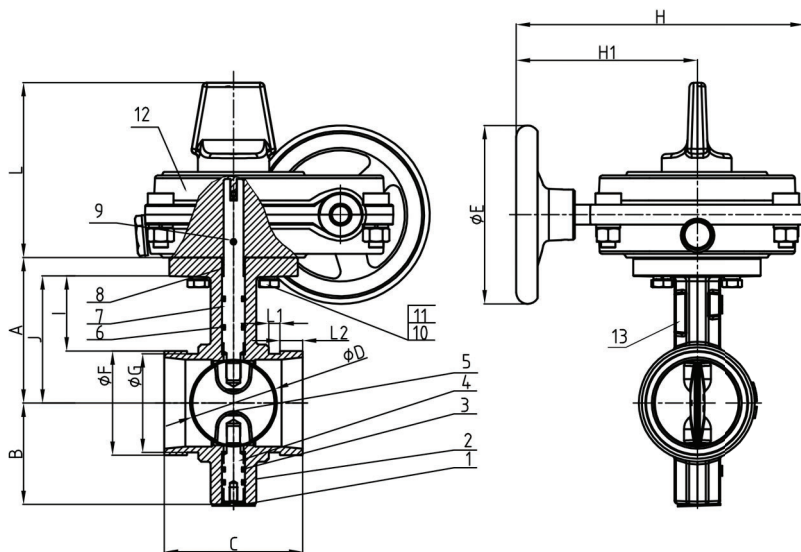
Grooved Butterfly Valve W50-A-(ED/ND)-GG-S-GO



NSF/ANSI 61 NSF/ANSI 372

W50-A-(ED/ND)-GG-S-GO

- Design Standard: MSS SP-67
- Connection Ends: Grooved to AWWA C606
- Top Flange Standard: ISO 5211
Stem drive by keys,
parallel or diagonal square or flat head
- Working Pressure: 300PSI
- Operating Temperature at Full Rated Pressure:
EPDM: $\leq 82^{\circ}\text{C}$
NBR: $\leq 80^{\circ}\text{C}$
- Operating Temperature Maximum
EPDM: -29°C -121°C
NBR: -12°C -82°C
(See Pressure Temperature Curve)
- Coating: Fusion Bonded Epoxy Coating in
accordance with ANSI/AWWA C550 / 10 mil minimum



MATERIAL SPECIFICATION

Part No.	Part	W50-A-ED-GG-S-GO	W50-A-ND-GG-S-GO
1	Plug	EPDM	EPDM
2	BODY (BLACK)	ASTM A536, 65-45-12	ASTM A536, 65-45-12
3	O-Ring	EPDM	NBR
4	Stub Shaft	AISI 431	AISI 431
5	Disc	ASTM A536, 65-45-12+EPDM	ASTM A536, 65-45-12+NBR
6	O-Ring	EPDM	NBR
7	Drive Shaft	AISI 431	AISI 431
8	Bushing	SS304+PTFE	SS304+PTFE
9	Cylindrical pin	SS304	SS304
10	Hex Nut	SS304	SS304
11	Spring Washer	SS304	SS304
12	Gearbox	Body: ASTM A536, 65-45-12	Body: ASTM A536, 65-45-12
13	Name plate	Stainless Steel Plate	Stainless Steel Plate

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

SIZE		DIMENSIONS													
		A	B	C	E	F	G	L	L1	L2	H1	H	D	I	J
inch	2"	3.50	2.56	3.19 ± 0.06	4.92	2.37	2.25	4.82	0.31	0.63	5.00	7.96	1.98	1.80	2.98
mm	50	89	65	81 ± 1.5	125	60.3	57.15	122.5	7.93	15.88	127	202.2	50.3	45.8	75.8
inch	2.5"	4.02	2.80	3.82 ± 0.06	4.92	2.87	2.72	4.82	0.31	0.63	5.00	7.96	2.39	2.07	3.50
mm	65	102	71	97 ± 1.5	125	73.0	69.09	122.5	7.93	15.88	127	202.2	60.8	52.6	98.1
inch	3"	4.29	3.19	3.82 ± 0.06	4.92	3.50	3.34	4.82	0.31	0.63	5.00	7.96	2.99	2.04	3.80
mm	80	109	81	97 ± 1.5	125	88.9	84.94	122.5	7.93	15.88	127	202.2	76	52	96.5
inch	4"	5.04	3.74	4.57 ± 0.06	4.92	4.50	4.33	4.82	0.38	0.63	5.00	7.96	3.88	2.28	4.52
mm	100	128	95	116 ± 1.5	125	114.3	110.08	122.5	9.53	15.88	127	202.2	98.5	58	115
inch	5"	5.55	4.37	5.83 ± 0.06	4.92	5.56	5.39	4.82	0.38	0.63	5.00	7.96	4.83	2.28	5.05
mm	125	141	111	148 ± 1.5	125	141.3	137.03	122.5	9.53	15.88	127	202.2	122.6	57.8	128.3
inch	6"	6.02	5.24	5.83 ± 0.06	8.86	6.63	6.46	4.82	0.38	0.63	5.49	8.46	5.83	2.17	5.48
mm	150	153	133	148 ± 1.5	225	168.3	163.96	122.5	9.53	15.88	139.5	215	148	55.3	139.3
inch	8"	7.24	6.46	5.24 ± 0.13	8.86	8.63	8.44	4.82	0.44	0.75	7.81	10.78	7.83	2.23	6.69
mm	200	184	164	133 ± 3.3	225	219.1	214.40	122.5	11.1	19.05	198.5	274	199	60.6	170.1
inch	10"	8.50	7.72	6.26 ± 0.13	8.86	10.75	10.56	4.82	0.50	0.75	7.81	10.78	9.92	2.53	7.91
mm	250	216	196	159 ± 3.3	225	273.0	268.28	122.5	12.7	19.05	198.5	274	252	64.5	201
inch	12"	10.00	8.90	6.50 ± 0.13	8.86	12.75	12.53	5.20	0.50	0.75	7.97	11.71	11.83	2.91	9.29
mm	300	254	226	165 ± 3.3	225	323.9	318.29	132	12.7	19.05	202.5	297.5	300.5	74.1	236.1

Note: Valve must not be installed with disc in full open position.
Disc must be partly closed so that no part is protruding beyond end of valve body.

Technical data, dimensions, materials & specifications are subject to change without notice.



NSF/ANSI 61 NSF/ANSI 372