

# SJ-300F BUTTERFLY VALVE

The Model SJ-300F Butterfly Valve is a grooved-end shut-off valve equipped with a weatherproof worm gear operator and supervisory switch and wiring.

The Model SJ-300F is FM approved for 300 psi (20 Bar, 2.0 MPa) WWP (water working pressure) service for indoor and outdoor use. Flow characteristics satisfy

UL Specification 1091 and FM Approval Standard 1112.

When the Model SJ-300F Butterfly Valve is used in a fire protection piping, installation shall conform to NFPA 13 and NFPA 72.

The valve consists of an epoxy powder coated ductile iron body and EPDM rubber encapsulated dual-seal disc.



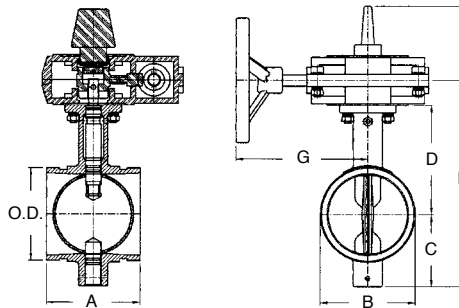
Model SJ-300F Butterfly Valve

## Pressure-Temperature Rating

Nom. Rating	Working Pressure	Shell Test	Max. Service Temperature
CWP	300 psi @100°F 20 Bar @38°C	1500 psi 105 Bar	EPDM: 230°F / 110°C

Working pressure is based on connection with roll- or cut-grooved standard wall carbon steel pipe.

\*Seat test: 2 times the working pressure.



Dual Seal

Nominal Size mm / in	Pipe OD mm / in	Dimensions							Weight Kgs / Lbs
		A <sup>(1)</sup> mm / in	B mm / in	C mm / in	D mm / in	E mm / in	F mm / in	G mm / in	
65	73.0	97	80	68	111	210	92	163	8.8
2½	2.875	3.81	3.15	2.68	4.37	8.27	3.62	6.42	17.9
76.1 mm	76.1	97	80	68	111	210	92	163	8.8
	3.000	3.81	3.15	2.68	4.37	8.27	3.62	6.42	17.9
80	88.9	97	92	76	126	233	92	163	9.2
3	3.500	3.81	3.62	3.00	4.96	9.17	3.62	6.42	20.3
100	114.3	116	118	89	135	255	92	163	10.6
4	4.500	4.56	4.65	3.50	5.31	10.04	3.62	6.42	23.4
139.7mm	139.7	148	145	102	168	301	92	163	14.3
	5.500	5.81	5.71	4.00	6.61	11.85	3.62	6.42	31.6
125	141.3	148	145	102	168	301	92	163	14.4
5	5.563	5.81	5.71	4.00	6.61	11.85	3.62	6.42	31.6
165.1 mm	165.1	148	172	114	184	329	92	163	16.1
	6.500	5.81	6.77	4.50	7.25	12.95	3.62	6.42	35.5
150	168.3	148	172	114	184	329	92	163	16.1
6	6.625	5.81	6.77	4.50	7.25	12.95	3.62	6.42	35.5

(1) End to end dimensions conform to MSS SP-67.

(2) The weight includes the worm gear operator.