

MODEL

SJ-300N BUTTERFLY VALVE

The **Shurjoint** Model SJ-300N Butterfly Valve is a grooved-end shut-off valve equipped with a 10 position lever handle (SJ-300N-L) or worm gear operator (SJ-300N-W). The valve consists of an

epoxy coated ductile iron body and EPDM or Nitrile (NBR) rubber encapsulated dual-seal disc. The end-to-end dimensions conform to MSS SP-67.

Pressure-Temperature Rating

Nom. Rating	Working Pressure	Shell Test	Max. Service Temperature
Class 150	300 psi @ 100°F 20 Bar @ 38°C	450 psi 30 Bar	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

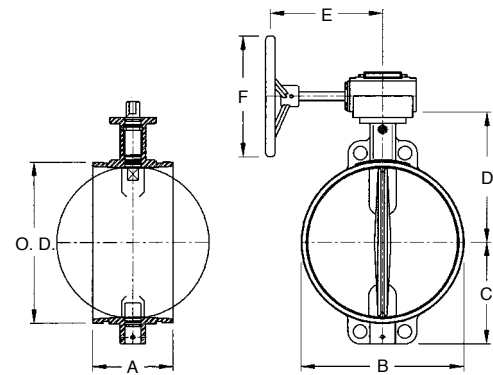
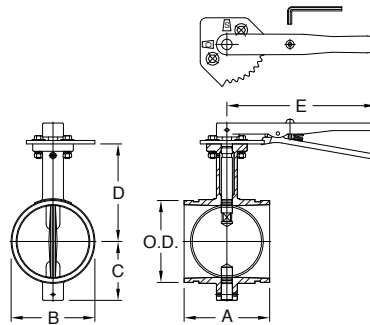
*Working pressure is based on connection with roll- or cut-grooved standard wall carbon steel pipe.
*Seat test: 110% the working pressure.



SJ-300N-W
w / worm gear



SJ-300N-L
w / lever handle



Nominal Size mm / in	Pipe O.D. mm / in	Dimensions					Lever Handle Type		Worm Gear Type		Weight Kgs / Lbs
		A mm / in	B mm / in	C mm / in	D mm / in	E mm / in	Operating Torque N - m / In - Lb	Weight Kgs / Lbs	E mm / in	F mm / in	
50	60.3	81	64	63	106	192	9	3.1	152	152	6.2
2	2.375	3.19	2.52	2.48	4.17	7.56	80	6.8	6.00	6.00	13.6
65	73.0	97	79	68	111	192	14	3.7	152	152	6.5
2½	2.875	3.82	3.11	2.68	4.37	7.56	120	8.2	6.00	6.00	14.3
76.1 mm	76.1	97	79	68	111	192	14	3.8	152	152	6.5
	3.000	3.82	3.11	2.68	4.37	7.56	120	8.4	6.00	6.00	14.3
80	88.9	97	92	76	126	192	18	4.1	152	152	7.3
3	3.500	3.82	3.62	2.99	4.96	7.56	160	9.0	6.00	6.00	16.0
100	114.3	116	118	89	135	260	51	5.2	152	152	8.7
4	4.500	4.57	4.65	3.50	5.32	10.24	450	11.4	6.00	6.00	19.1
139.7 mm	139.7	148	145	102	168	260	79	7.7	152	152	9.9
	5.500	5.83	5.71	4.02	6.61	10.24	700	16.9	6.00	6.00	21.8
125	141.3	148	145	102	168	260	79	7.7	152	152	9.9
5	5.563	5.83	5.71	4.02	6.61	10.24	700	16.9	6.00	6.00	21.8
165.1 mm	165.1	148	172	114	184	260	102	9.2	152	152	11.4
	6.500	5.83	6.77	4.49	7.24	10.24	900	20.2	6.00	6.00	25.0
150	168.3	148	172	114	184	260	102	9.2	152	152	11.5
6	6.625	5.83	6.77	4.49	7.24	10.24	900	20.2	6.00	6.00	25.3
200JIS	216.3	133	222	140	208	260	136	12.2	152	152	14.5
	8.516	5.24	8.74	5.51	8.19	10.24	1200	26.8	6.00	6.00	31.9
200	219.1	133	222	140	208	260	136	12.2	152	152	14.5
8	8.625	5.24	8.74	5.51	8.19	10.24	1200	26.8	6.00	6.00	32.0
250	273.0	159	276	170	235	356	204	22.0	203	203	27.0
10	10.750	6.25	10.86	6.69	9.25	14.02	1800	48.4	8.00	8.00	59.4
300	323.9	165	327	205	260	356	282	33.5	203	203	33.5
12	12.750	6.53	12.87	8.07	10.24	14.02	2500	73.7	8.00	8.00	73.7
350	355.6	178	365	224	276	---	---	---	203	203	59.0
14	14.000	7.00	14.37	8.82	10.86	---	---	---	8.00	8.00	130.0
400	406.4	178	416	248	302	---	---	---	242	305	67.0
16	16.000	7.00	16.38	9.76	11.89	---	---	---	9.50	12.00	147.4
450	457.2	203	470	283	350	---	---	---	242	305	86.0
18	18.000	8.00	18.50	11.14	13.78	---	---	---	9.50	12.00	189.2
500	508.0	216	527	314	383	---	---	---	290	412	133.0
20	20.000	8.50	20.75	12.36	15.08	---	---	---	11.40	16.20	292.6
600	609.6	254	629	368	453	---	---	---	290	412	160.0
24	24.000	10.00	24.76	14.49	17.83	---	---	---	11.40	16.20	352.0

* The weight includes the lever handle or worm gear operator.