



## JV100032

**Ductile Iron  
Silicone Lined  
Food Use  
Butterfly Valve**

**Multi-Flange Wafer Type  
PN10/16 & ANSI150**



Food grade butterfly valve with a Silicone liner, suitable for water, food and drink applications.

The butterfly valve offers quick opening and closing with full flow in either direction and leak tight shut off.

Flange gaskets not needed since the lining that extends onto the faces acts as a gasket.

### Approvals, Features & Benefits

- Silicone lined to FDA requirements
- Bureau Veritas type approved
- 3.1 Material certificate (on request)
- Polished stainless steel disc
- ISO 5211 top for direct mount actuation
- Lever operated

### Pressure & Temperature

Pressure range:-  
PN16

Temperature range:-  
-40°C to 150°C

DN	40	50	65	80	100	125	150	200	250	300
<b>A</b>	206	228	248	265	298	331	349	430	461	524
<b>B</b>	140	156	161	169	187	206	215	255	248	280
<b>Ø De</b>	82	102	119	135	155	185	208	270	328	381
<b>E</b>	33	43	46	46	52	56	56	60	68	78
<b>Ø F</b>	9.5	9.5	12	14	14	17	17	21	23	26.5
<b>ISO 5221</b>	F07	F07	F07	F07	F07	F07	F07	F07	F10	F10
<b>Torque (Nm)*</b>	9	11	20	29	47	82	130	210	360	475
<b>Weight Kg</b>	2.46	3.66	4.4	4.6	6.0	7.6	9.2	14.7	24.7	33

\* Torque calculated at 16 bar, pressure includes 30% safety.

KV Rates	10° Opening	20° Opening	30° Opening	40° Opening	50° Opening	60° Opening	70° Opening	80° Opening	90° Opening
<b>DN40</b>	3	5	10	16	22	31	36	36	36
<b>DN50</b>	3	7	15	33	44	48	54	54	54
<b>DN65</b>	6	10	21	40	57	86	102	102	102
<b>DN80</b>	7	16	37	56	84	182	246	246	246
<b>DN100</b>	9	22	51	88	134	187	255	336	336
<b>DN125</b>	21	33	91	153	232	331	468	560	560
<b>DN150</b>	45	69	149	281	302	597	822	1015	1072
<b>DN200</b>	55	131	254	420	631	904	1388	1758	1758
<b>DN250</b>	64	246	442	710	1056	1522	2128	3096	3096
<b>DN300</b>	100	275	472	953	1450	2093	2972	4193	4480

### MATERIALS

<b>Body</b>	Ductile Iron (Epoxy Coated)
<b>Disc</b>	Polished Stainless Steel (ASTM A351)
<b>Liner</b>	Food Silicone
<b>Shaft</b>	Stainless Steel (AISI 304)