



## JV100005

**Stainless Steel  
PTFE Lined  
Butterfly Valve**

**Multi-Flange Wafer Type  
PN6/10/16, ANSI150, BST D & E**



A stainless steel body and disc with PTFE liner makes this valve a cost effective solution for a wide variety of isolation 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

- PTFE lined for wide range of duties
- Lightweight construction
- ISO 5211 top for direct mount actuation
- Lever operated as standard (50-150mm)
- Gearbox operated as standard (200mm)

### Pressure & Temperature

Pressure range :-  
PN16

Temperature range :-  
-10°C to 120°C

DN	50	65	80	100	125	150	200
<b>A</b>	43	46	46	52	56	56	60
<b>B</b>	89	102	118	150	174	205	260
<b>C</b>	62	69	90	106	119	131	166
<b>D</b>	126	136	150	170	180	200	230
<b>E</b>	170	170	206	206	285	400	-
<b>F</b>	50	50	69	69	90	90	-
<b>ISO 5211</b>	F05	F05	F05	F05	F07	F07	F10
<b>Torque (Nm)*</b>	16.25	26.25	35	55	85	123.75	202.5
<b>Weight Kg</b>	2.1	2.4	3.1	4.1	6.1	7.5	14.1

\* Torque calculated at 16 Bar wet duty, pressure includes 25% safety, add 25% for dry duty.

KV Rates	10° Opening	20° Opening	30° Opening	40° Opening	50° Opening	60° Opening	70° Opening	80° Opening	90° Opening
<b>DN50</b>	0.05	2.6	6	13	23	38	60	91	99
<b>DN65</b>	0.09	3.8	14	33	53	75	98	108	108
<b>DN80</b>	0.17	7.8	16	34	60	100	158	237	261
<b>DN100</b>	0.26	15	31	67	120	199	314	471	518
<b>DN125</b>	0.43	25	53	115	205	339	535	803	883
<b>DN150</b>	0.69	39	82	177	316	522	827	141	1364
<b>DN200</b>	2.6	52	142	250	450	713	1122	1723	2716

### MATERIALS

<b>Body</b>	Stainless Steel (CF8M)
<b>Disc</b>	Stainless Steel (CF8M)
<b>Liner</b>	PTFE
<b>Shaft</b>	Stainless Steel (AISI 316)
<b>Bushing</b>	PTFE