

# Pneumatically Actuated Wafer **Butterfly Valves**

## Valves

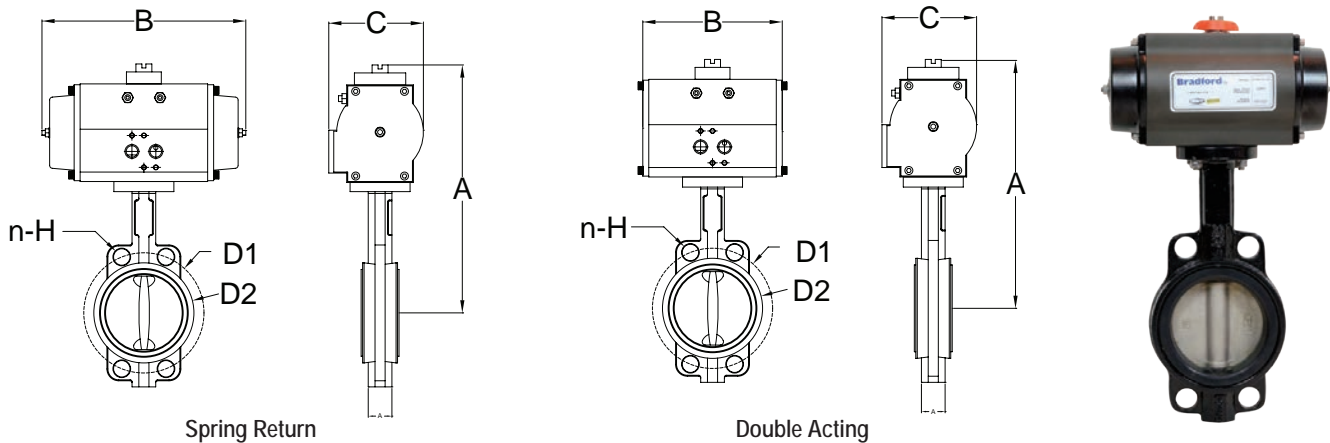
### Features:

- installs between standard ANSI Class 150# flanges
- cast iron body with extended neck
- nickel plated ductile iron disc
- seat backing ring ensures blowout proof service
- conforms to MSS-SP-67, MSS-SP-25, API-609
- no taper pins
- field repairable (seat kits available)
- replaceable EPDM seat
- maximum operating pressure: **200 PSI** (bi-directional)
- temperature range: **-20°F to 250°F**
- a wide variety of seat, disc and body materials are available

## Rack and Pinion Actuator

### Features:

- bi-directional stops for  $\pm 5^\circ$  travel adjustment
- **80 PSI** plant air required
- maximum operating pressure: **120 PSI**
- temperature range: **-40°F to +200°F**
- hard anodized aluminum body
- Namur mounting
- nickel plated anti-blowout pinion
- Buna-N O-rings
- visual position indication
- tested to 1 million cycles



All dimensions are given in inches, unless noted. Dimensions are approximate. Engineering dimensions are available upon request. Specifications are subject to change without notice.

## Wafer Spring Return

Size	A	B	C	D1	D2	n-H	Part #	Price/E
1½"	9.61	8.09	3.74	3.88	3.74	4-18	<b>B5121E150WW-BBC</b>	<b>\$710.60</b>
2"	9.80	8.09	3.74	4.75	3.82	4-18	<b>B5121E200WW-BBC</b>	<b>713.10</b>
2½"	11.65	9.84	4.69	5.50	4.45	4-18	<b>B5121E250WW-BBC</b>	<b>930.50</b>
3"	11.89	9.84	4.69	6.00	4.92	4-18	<b>B5121E300WW-BBC</b>	<b>951.55</b>
4"	12.63	9.84	4.69	7.50	6.14	4-22	<b>B5121E400WW-BBC</b>	<b>1010.95</b>
5"	13.94	13.98	5.53	8.50	7.36	4-22	<b>B5121E500WW-BBC</b>	<b>1385.95</b>
6"	14.45	13.98	5.53	9.50	8.46	4-22	<b>B5121E600WW-BBC</b>	<b>1443.65</b>
8"	17.17	16.60	7.29	11.75	10.51	4-22	<b>B5121E800WW-BBC</b>	<b>2715.30</b>
10"	19.21	19.17	8.06	14.25	13.00	4-26	<b>B5121E1000WWBCC</b>	<b>3474.75</b>
12"	22.87	25.28	9.37	17.00	14.96	4-26	<b>B5121E1200WWBCC</b>	<b>8606.90</b>

## Wafer Double Acting

Size	A	B	C	D1	D2	n-H	Part #	Price/E
1½"	9.61	5.87	3.74	3.88	3.74	4-18	<b>B5121E150WW-BCC</b>	<b>\$581.85</b>
2"	9.80	5.87	3.74	4.75	3.82	4-18	<b>B5121E200WW-BCC</b>	<b>584.30</b>
2½"	10.75	5.87	3.74	5.50	4.45	4-18	<b>B5121E250WW-BCC</b>	<b>602.75</b>
3"	10.99	5.87	3.74	6.00	4.92	4-18	<b>B5121E300WW-BCC</b>	<b>623.80</b>
4"	11.73	5.87	3.74	7.50	6.14	4-22	<b>B5121E400WW-BCC</b>	<b>711.40</b>
5"	13.15	7.20	4.69	8.50	7.36	4-22	<b>B5121E500WW-BCC</b>	<b>944.70</b>
6"	13.66	7.20	4.69	9.50	8.46	4-22	<b>B5121E600WW-BCC</b>	<b>1002.35</b>
8"	15.79	10.22	5.53	11.75	10.51	4-22	<b>B5121E800WW-BCC</b>	<b>1512.60</b>
10"	17.05	10.22	5.53	14.25	13.00	4-26	<b>B5121E1000WWBCC</b>	<b>1563.00</b>
12"	20.20	11.98	7.29	17.00	14.96	4-26	<b>B5121E1200WWBCC</b>	<b>2657.05</b>