

**Actuated Valves Product**  
**Premium Actuated Standard Butterfly Valve - Pneumatic**



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Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

The following Features are Standard with Pneumatic Actuated Standard Butterfly Valve.

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12")
- 14"-100 psi, 16"- 85 psi, 18"-70 psi, 20"-24"-50 psi
- 80 psi Operating Pressure, other options available
- 2-Position Air-Air or Air-Spring Closed (optional spring open)
- Dual Rack & Pinion with Adjustable Stops
- Manual Override
- Position Indicator

See **Pneumatic Actuator Accessories for Ball Valves & Butterfly Valves** for Add-on Actuator Accessories

**NOTE:** Due to variations in potential system operating conditions, 14" -24" Actuated Butterfly Valve packages are sized according to application parameters. Please contact Spears® for additional information.

**PVC**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
1-1/2 Air to Air	41101H101-015 653.91	41201H101-015 653.91	41301H101-015 929.19	540
1-1/2 Air to Spring	41101J101-015 726.94	41201J101-015 726.94	41301J101-015 1002.20	540
2 Air to Air	41101H101-020 698.25	41201H101-020 698.25	41301H101-020 971.21	540
2 Air to Spring	41101J101-020 870.91	41201J101-020 870.91	41301J101-020 1143.84	540
2-1/2 Air to Air	41101H101-025 724.14	41201H101-025 724.14	41301H101-025 1006.31	540
2-1/2 Air to Spring	41101J101-025 963.18	41201J101-025 963.18	41301J101-025 1245.36	540
3 Air to Air	41101H101-030 843.96	41201H101-030 843.96	41301H101-030 1130.77	540
3 Air to Spring	41101J101-030 1039.83	41201J101-030 1039.83	41301J101-030 1326.66	540
4 Air to Air	41101H101-040 989.80	41201H101-040 989.80	41301H101-040 1378.40	540
4 Air to Spring	41101J101-040 1262.04	41201J101-040 1441.98	41301J101-040 1650.65	540
6 Air to Air	41101H101-060 1388.04	41201H101-060 1388.04	41301H101-060 2054.29	540
6 Air to Spring	41101J101-060 1922.58	41201J101-060 1922.58	41301J101-060 2588.84	540
8 Air to Air	41101H101-080 1969.95	41201H101-080 1969.95	41301H101-080 3071.09	540
8 Air to Spring	41101J101-080 2720.33	41201J101-080 2720.33	41301J101-080 3821.43	540

**PVC (continued)**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
10 Air to Air	41101H101-100 2935.22	41201H101-100 2935.22	41301H101-100 5137.46	540
10 Air to Spring	41101J101-100 4256.63	41201J101-100 4256.63	41301J101-100 6458.87	540
12 Air to Air	41101H101-120 3474.60	41201H101-120 3474.60	41301H101-120 6865.88	540
12 Air to Spring	41101J101-120 4796.02	41201J101-120 4796.02	41301J101-120 8187.28	540

**NOTE:** For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**CPVC**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
1-1/2 Air to Air	41102H101-015 762.65	41202H101-015 762.65	41302H101-015 1128.14	542
1-1/2 Air to Spring	41102J101-015 835.67	41202J101-015 1009.61	41302J101-015 1201.18	542
2 Air to Air	41102H101-020 804.66	41202H101-020 804.66	41302H101-020 1160.89	542
2 Air to Spring	41102J101-020 977.32	41202J101-020 1160.62	41302J101-020 1333.52	542
2-1/2 Air to Air	41102H101-025 837.44	41202H101-025 837.44	41302H101-025 1209.89	542
2-1/2 Air to Spring	41102J101-025 1076.93	41202J101-025 1205.73	41302J101-025 1448.96	542
3 Air to Air	41102H101-030 982.73	41202H101-030 982.73	41302H101-030 1394.48	542
3 Air to Spring	41102J101-030 1178.60	41202J101-030 1394.83	41302J101-030 1950.37	542
4 Air to Air	41102H101-040 1151.71	41202H101-040 1151.71	41302H101-040 1716.21	542
4 Air to Spring	41102J101-040 1423.96	41202J101-040 1569.89	41302J101-040 1988.46	542
6 Air to Air	41102H101-060 1628.61	41202H101-060 1628.61	41302H101-060 2595.58	542
6 Air to Spring	41102J101-060 2163.17	41202J101-060 2553.16	41302J101-060 3130.12	542
8 Air to Air	41102H101-080 2386.34	41202H101-080 2386.34	41302H101-080 3987.18	542
8 Air to Spring	41102J101-080 3136.67	41202J101-080 3495.60	41302J101-080 4737.52	542
10 Air to Air	41102H101-100 3763.40	41202H101-100 3763.40	41302H101-100 6978.85	542
10 Air to Spring	41102J101-100 5084.81	41202J101-100 4256.91	41302J101-100 8300.24	542
12 Air to Air	41102H101-120 4566.47	41202H101-120 4566.47	41302H101-120 8746.60	542
12 Air to Spring	41102J101-120 5887.87	41202J101-120 5887.87	41302J101-120 10068.00	542

**NOTE:** For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**Polypropylene**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
1-1/2 Air to Air	41103H101-015 882.16	41203H101-015 882.16	41303H101-015 1354.67	544
1-1/2 Air to Spring	41103J101-015 955.19	41203J101-015 955.19	41303J101-015 1427.71	544
2 Air to Air	41103H101-020 908.51	41203H101-020 908.51	41303H101-020 1388.58	544
2 Air to Spring	41103J101-020 1081.18	41203J101-020 1081.18	41303J101-020 1561.22	544
2-1/2 Air to Air	41103H101-025 943.94	41203H101-025 943.94	41303H101-025 1441.01	544



**Actuated Valves Product**  
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**Premium Actuated Standard Butterfly Valve - Pneumatic**

**Polypropylene (continued)**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
<b>2-1/2 Air to Spring</b>	41103J101-025 1183.00	41203J101-025 1183.00	41303J101-025 1680.06	544
<b>3 Air to Air</b>	41103H101-030 1072.67	41203H101-030 1072.67	41303H101-030 1580.25	544
<b>3 Air to Spring</b>	41103J101-030 1268.56	41203J101-030 1268.56	41303J101-030 1776.15	544
<b>4 Air to Air</b>	41103H101-040 1247.86	41203H101-040 1247.86	41303H101-040 1928.05	544
<b>4 Air to Spring</b>	41103J101-040 1520.12	41203J101-040 1520.12	41303J101-040 2200.31	544
<b>6 Air to Air</b>	41103H101-060 1788.09	41203H101-060 1788.09	41303H101-060 2941.24	544
<b>6 Air to Spring</b>	41103J101-060 2322.62	41203J101-060 2322.62	41303J101-060 3475.76	544
<b>8 Air to Air</b>	41103H101-080 2650.29	41203H101-080 2650.29	41303H101-080 4580.67	544
<b>8 Air to Spring</b>	41103J101-080 3400.63	41203J101-080 3400.63	41303J101-080 3836.98	544
<b>10 Air to Air</b>	41103H101-100 4287.03	41203H101-100 4287.03	41303H101-100 8165.84	544
<b>10 Air to Spring</b>	41103J101-100 5608.46	41203J101-100 5608.46	41303J101-100 9487.24	544
<b>12 Air to Air</b>	41103H101-120 5230.07	41203H101-120 5230.07	41303H101-120 11193.93	544
<b>12 Air to Spring</b>	41103J101-120 6551.48	41203J101-120 6551.48	41303J101-120 12515.36	544

14, 16, 18, 20 & 24 - Varies On Application  
 NOTE: For Air to Spring OPEN, change letter "J" to letter "K" in listed part number.

**Premium Actuated Lug Insert Butterfly Valve - Electric**



Industrial grade valve with patented seat design uses no liner. Eliminates seat-creep and reduces operating torque. Full-featured actuator can be custom configured with add-on accessories.

The following Features are Standard with Electric Actuated Lug Insert Butterfly Valve

- Solid SS316L Stem
- ANSI Class 150 Bolt Pattern
- 150 psi @ 73°F (23°C) (Thru 12")
- 14"-100 psi, 16"-85 psi
- 18"-70 psi, 20"-24"-50 psi
- 115 VAC standard, optional voltages available
- 2-Position Operation with 2-SPDT Limit Switches
- Additional set dry contacts SPDT limit Switches
- NEMA 4 Enclosure, Powder Coated
- Basic Manual Override 1-1/2 through 4" (Declutchable Available)
- Declutchable Manual Override 6" through 12"
- Illuminated Position Indicator
- Heater

When ordering Butterfly Valves with additional Actuator Accessories add a "-A" to the end of the basic part number and see **Electric Actuator Accessories for Butterfly Valves** to order add-on Actuator Accessories separately.

EX: 41121A112-015 add the -A to create 41121A112-015-A.

**PVC - Stainless Steel Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
<b>1-1/2</b>	41121A112-015 1733.77	41221A112-015 1733.77	41321A112-015 1924.38	510
<b>2</b>	41121A112-020 1789.17	41221A112-020 1789.17	41321A112-020 2021.31	510
<b>2-1/2</b>	41121A112-025 1829.69	41221A112-025 1829.69	41321A112-025 2077.47	510
<b>3</b>	41121A112-030 2346.89	41221A112-030 2346.89	41321A112-030 2527.61	510
<b>4</b>	41121A112-040 3138.64	41221A112-040 3138.64	41321A112-040 3294.53	510
<b>6</b>	41121A126-060 4212.11	41221A126-060 4212.11	41321A126-060 4715.34	510
<b>8</b>	41121A126-080 4583.43	41221A126-080 4583.43	41321A126-080 5455.08	510
<b>10</b>	41121A126-100 6436.37	41221A126-100 6436.37	41321A126-100 8009.37	510
<b>12</b>	41121A123-120 8191.40	41221A123-120 8191.40	41321A123-120 9430.69	510

**PVC - Zinc Lug Inserts**

Size	Buna-N O-ring	EPDM O-ring	FKM O-ring	Prod Code
<b>1-1/2</b>	41111A112-015 1667.27	41211A112-015 1667.27	41311A112-015 1875.16	510
<b>2</b>	41111A112-020 1718.82	41211A112-020 1718.82	41311A112-020 1993.32	510
<b>2-1/2</b>	41111A112-025 1795.48	41211A112-025 1795.48	41311A112-025 2038.39	510
<b>3</b>	41111A112-030 2258.51	41211A112-030 2258.51	41311A112-030 2476.32	510
<b>4</b>	41111A112-040 2979.83	41211A112-040 2979.83	41311A112-040 3170.11	510