

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*<br>CALL | 41201H101-015*<br>CALL | 41301H101-015*<br>CALL | 540       |
| 1-1/2 Air to Spring | 41101J101-015*<br>CALL | 41201J101-015*<br>CALL | 41301J101-015*<br>CALL | 540       |
| 2 Air to Air        | 41101H101-020*<br>CALL | 41201H101-020*<br>CALL | 41301H101-020*<br>CALL | 540       |
| 2 Air to Spring     | 41101J101-020*<br>CALL | 41201J101-020*<br>CALL | 41301J101-020*<br>CALL | 540       |
| 2-1/2 Air to Air    | 41101H101-025*<br>CALL | 41201H101-025*<br>CALL | 41301H101-025*<br>CALL | 540       |
| 2-1/2 Air to Spring | 41101J101-025*<br>CALL | 41201J101-025*<br>CALL | 41301J101-025*<br>CALL | 540       |
| 3 Air to Air        | 41101H101-030*<br>CALL | 41201H101-030*<br>CALL | 41301H101-030*<br>CALL | 540       |
| 3 Air to Spring     | 41101J101-030*<br>CALL | 41201J101-030*<br>CALL | 41301J101-030*<br>CALL | 540       |
| 4 Air to Air        | 41101H101-040*<br>CALL | 41201H101-040*<br>CALL | 41301H101-040*<br>CALL | 540       |
| 4 Air to Spring     | 41101J101-040*<br>CALL | 41201J101-040*<br>CALL | 41301J101-040*<br>CALL | 540       |
| 6 Air to Air        | 41101H101-060*<br>CALL | 41201H101-060*<br>CALL | 41301H101-060*<br>CALL | 540       |
| 6 Air to Spring     | 41101J101-060*<br>CALL | 41201J101-060*<br>CALL | 41301J101-060*<br>CALL | 540       |
| 8 Air to Air        | 41101H101-080*<br>CALL | 41201H101-080*<br>CALL | 41301H101-080*<br>CALL | 540       |
| 8 Air to Spring     | 41101J101-080*<br>CALL | 41201J101-080*<br>CALL | 41301J101-080*<br>CALL | 540       |

PVC (continued)

| Size             | Buna-N O-ring          | EPDM O-ring            | FKM O-ring             | Prod Code |
|------------------|------------------------|------------------------|------------------------|-----------|
| 10 Air to Air    | 41101H101-100*<br>CALL | 41201H101-100*<br>CALL | 41301H101-100*<br>CALL | 540       |
| 10 Air to Spring | 41101J101-100*<br>CALL | 41201J101-100*<br>CALL | 41301J101-100*<br>CALL | 540       |
| 12 Air to Air    | 41101H101-120*<br>CALL | 41201H101-120*<br>CALL | 41301H101-120*<br>CALL | 540       |
| 12 Air to Spring | 41101J101-120*<br>CALL | 41201J101-120*<br>CALL | 41301J101-120*<br>CALL | 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*<br>CALL | 41202H101-015*<br>CALL | 41302H101-015*<br>CALL | 542       |
| 1-1/2 Air to Spring | 41102J101-015*<br>CALL | 41202J101-015*<br>CALL | 41302J101-015*<br>CALL | 542       |
| 2 Air to Air        | 41102H101-020*<br>CALL | 41202H101-020*<br>CALL | 41302H101-020*<br>CALL | 542       |
| 2 Air to Spring     | 41102J101-020*<br>CALL | 41202J101-020*<br>CALL | 41302J101-020*<br>CALL | 542       |
| 2-1/2 Air to Air    | 41102H101-025*<br>CALL | 41202H101-025*<br>CALL | 41302H101-025*<br>CALL | 542       |
| 2-1/2 Air to Spring | 41102J101-025*<br>CALL | 41202J101-025*<br>CALL | 41302J101-025*<br>CALL | 542       |
| 3 Air to Air        | 41102H101-030*<br>CALL | 41202H101-030*<br>CALL | 41302H101-030*<br>CALL | 542       |
| 3 Air to Spring     | 41102J101-030*<br>CALL | 41202J101-030*<br>CALL | 41302J101-030*<br>CALL | 542       |
| 4 Air to Air        | 41102H101-040*<br>CALL | 41202H101-040*<br>CALL | 41302H101-040*<br>CALL | 542       |
| 4 Air to Spring     | 41102J101-040*<br>CALL | 41202J101-040*<br>CALL | 41302J101-040*<br>CALL | 542       |
| 6 Air to Air        | 41102H101-060*<br>CALL | 41202H101-060*<br>CALL | 41302H101-060*<br>CALL | 542       |
| 6 Air to Spring     | 41102J101-060*<br>CALL | 41202J101-060*<br>CALL | 41302J101-060*<br>CALL | 542       |
| 8 Air to Air        | 41102H101-080*<br>CALL | 41202H101-080*<br>CALL | 41302H101-080*<br>CALL | 542       |
| 8 Air to Spring     | 41102J101-080*<br>CALL | 41202J101-080*<br>CALL | 41302J101-080*<br>CALL | 542       |
| 10 Air to Air       | 41102H101-100*<br>CALL | 41202H101-100*<br>CALL | 41302H101-100*<br>CALL | 542       |
| 10 Air to Spring    | 41102J101-100*<br>CALL | 41202J101-100*<br>CALL | 41302J101-100*<br>CALL | 542       |
| 12 Air to Air       | 41102H101-120*<br>CALL | 41202H101-120*<br>CALL | 41302H101-120*<br>CALL | 542       |
| 12 Air to Spring    | 41102J101-120*<br>CALL | 41202J101-120*<br>CALL | 41302J101-120*<br>CALL | 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*<br>CALL | 41203H101-015*<br>CALL | 41303H101-015*<br>CALL | 544       |
| 1-1/2 Air to Spring | 41103J101-015*<br>CALL | 41203J101-015*<br>CALL | 41303J101-015*<br>CALL | 544       |
| 2 Air to Air        | 41103H101-020*<br>CALL | 41203H101-020*<br>CALL | 41303H101-020*<br>CALL | 544       |
| 2 Air to Spring     | 41103J101-020*<br>CALL | 41203J101-020*<br>CALL | 41303J101-020*<br>CALL | 544       |
| 2-1/2 Air to Air    | 41103H101-025*<br>CALL | 41203H101-025*<br>CALL | 41303H101-025*<br>CALL | 544       |



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**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*<br>CALL | 41203J101-025*<br>CALL | 41303J101-025*<br>CALL | 544       |
| <b>3 Air to Air</b>        | 41103H101-030*<br>CALL | 41203H101-030*<br>CALL | 41303H101-030*<br>CALL | 544       |
| <b>3 Air to Spring</b>     | 41103J101-030*<br>CALL | 41203J101-030*<br>CALL | 41303J101-030*<br>CALL | 544       |
| <b>4 Air to Air</b>        | 41103H101-040*<br>CALL | 41203H101-040*<br>CALL | 41303H101-040*<br>CALL | 544       |
| <b>4 Air to Spring</b>     | 41103J101-040*<br>CALL | 41203J101-040*<br>CALL | 41303J101-040*<br>CALL | 544       |
| <b>6 Air to Air</b>        | 41103H101-060*<br>CALL | 41203H101-060*<br>CALL | 41303H101-060*<br>CALL | 544       |
| <b>6 Air to Spring</b>     | 41103J101-060*<br>CALL | 41203J101-060*<br>CALL | 41303J101-060*<br>CALL | 544       |
| <b>8 Air to Air</b>        | 41103H101-080*<br>CALL | 41203H101-080*<br>CALL | 41303H101-080*<br>CALL | 544       |
| <b>8 Air to Spring</b>     | 41103J101-080*<br>CALL | 41203J101-080*<br>CALL | 41303J101-080*<br>CALL | 544       |
| <b>10 Air to Air</b>       | 41103H101-100*<br>CALL | 41203H101-100*<br>CALL | 41303H101-100*<br>CALL | 544       |
| <b>10 Air to Spring</b>    | 41103J101-100*<br>CALL | 41203J101-100*<br>CALL | 41303J101-100*<br>CALL | 544       |
| <b>12 Air to Air</b>       | 41103H101-120*<br>CALL | 41203H101-120*<br>CALL | 41303H101-120*<br>CALL | 544       |
| <b>12 Air to Spring</b>    | 41103J101-120*<br>CALL | 41203J101-120*<br>CALL | 41303J101-120*<br>CALL | 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.