

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 | 41101H101-015 688.33 | 41201H101-015 688.33 | 41301H101-015 978.09 | 540 |
| 1-1/2 Air to Spring | 41101J101-015 765.20 | 41201J101-015 765.20 | 41301J101-015 1054.95 | 540 |
| 2 Air to Air | 41101H101-020 735.00 | 41201H101-020 735.00 | 41301H101-020 1022.33 | 540 |
| 2 Air to Spring | 41101J101-020 916.75 | 41201J101-020 916.75 | 41301J101-020 1204.04 | 540 |
| 2-1/2 Air to Air | 41101H101-025 762.25 | 41201H101-025 762.25 | 41301H101-025 1059.27 | 540 |
| 2-1/2 Air to Spring | 41101J101-025 1013.87 | 41201J101-025 1013.87 | 41301J101-025 1310.91 | 540 |
| 3 Air to Air | 41101H101-030 888.38 | 41201H101-030 888.38 | 41301H101-030 1190.28 | 540 |
| 3 Air to Spring | 41101J101-030 1094.56 | 41201J101-030 1094.56 | 41301J101-030 1396.48 | 540 |
| 4 Air to Air | 41101H101-040 1041.89 | 41201H101-040 1041.89 | 41301H101-040 1450.95 | 540 |
| 4 Air to Spring | 41101J101-040 1328.46 | 41201J101-040 1517.87 | 41301J101-040 1737.53 | 540 |
| 6 Air to Air | 41101H101-060 1461.09 | 41201H101-060 1461.09 | 41301H101-060 2162.41 | 540 |
| 6 Air to Spring | 41101J101-060 2023.77 | 41201J101-060 2023.77 | 41301J101-060 2725.09 | 540 |
| 8 Air to Air | 41101H101-080 2073.63 | 41201H101-080 2073.63 | 41301H101-080 3232.73 | 540 |
| 8 Air to Spring | 41101J101-080 2863.51 | 41201J101-080 2863.51 | 41301J101-080 4022.56 | 540 |

PVC (continued)

| Size | Buna-N O-ring | EPDM O-ring | FKM O-ring | Prod Code |
|------------------|--------------------------|--------------------------|--------------------------|-----------|
| 10 Air to Air | 41101H101-100 3089.71 | 41201H101-100 3089.71 | 41301H101-100 5407.85 | 540 |
| 10 Air to Spring | 41101J101-100 4480.66 | 41201J101-100 4480.66 | 41301J101-100 6798.81 | 540 |
| 12 Air to Air | 41101H101-120 3657.47 | 41201H101-120 3657.47 | 41301H101-120 7227.24 | 540 |
| 12 Air to Spring | 41101J101-120 5048.44 | 41201J101-120 5048.44 | 41301J101-120 8618.19 | 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 | 41102H101-015 802.79 | 41202H101-015 802.79 | 41302H101-015 1187.52 | 542 |
| 1-1/2 Air to Spring | 41102J101-015 879.65 | 41202J101-015 1062.75 | 41302J101-015 1264.40 | 542 |
| 2 Air to Air | 41102H101-020 847.01 | 41202H101-020 847.01 | 41302H101-020 1221.99 | 542 |
| 2 Air to Spring | 41102J101-020 1028.76 | 41202J101-020 1221.71 | 41302J101-020 1403.71 | 542 |
| 2-1/2 Air to Air | 41102H101-025 881.52 | 41202H101-025 881.52 | 41302H101-025 1273.57 | 542 |
| 2-1/2 Air to Spring | 41102J101-025 1133.61 | 41202J101-025 1269.19 | 41302J101-025 1525.22 | 542 |
| 3 Air to Air | 41102H101-030 1034.45 | 41202H101-030 1034.45 | 41302H101-030 1467.87 | 542 |
| 3 Air to Spring | 41102J101-030 1240.63 | 41202J101-030 1468.24 | 41302J101-030 1674.07 | 542 |
| 4 Air to Air | 41102H101-040 1212.33 | 41202H101-040 1212.33 | 41302H101-040 1806.54 | 542 |
| 4 Air to Spring | 41102J101-040 1498.91 | 41202J101-040 1652.52 | 41302J101-040 2093.12 | 542 |
| 6 Air to Air | 41102H101-060 1714.33 | 41202H101-060 1714.33 | 41302H101-060 2732.19 | 542 |
| 6 Air to Spring | 41102J101-060 2277.02 | 41202J101-060 2687.54 | 41302J101-060 3294.86 | 542 |
| 8 Air to Air | 41102H101-080 2511.94 | 41202H101-080 2511.94 | 41302H101-080 4197.03 | 542 |
| 8 Air to Spring | 41102J101-080 3301.76 | 41202J101-080 3679.58 | 41302J101-080 4986.86 | 542 |
| 10 Air to Air | 41102H101-100 3961.47 | 41202H101-100 3961.47 | 41302H101-100 7346.16 | 542 |
| 10 Air to Spring | 41102J101-100 5352.43 | 41202J101-100 4480.96 | 41302J101-100 8737.09 | 542 |
| 12 Air to Air | 41102H101-120 4806.81 | 41202H101-120 4806.81 | 41302H101-120 9206.95 | 542 |
| 12 Air to Spring | 41102J101-120 6197.76 | 41202J101-120 6197.76 | 41302J101-120 10597.89 | 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 | 41103H101-015 928.59 | 41203H101-015 928.59 | 41303H101-015 1425.97 | 544 |
| 1-1/2 Air to Spring | 41103J101-015 1005.46 | 41203J101-015 1005.46 | 41303J101-015 1502.85 | 544 |
| 2 Air to Air | 41103H101-020 956.33 | 41203H101-020 956.33 | 41303H101-020 1461.66 | 544 |
| 2 Air to Spring | 41103J101-020 1138.08 | 41203J101-020 1138.08 | 41303J101-020 1643.39 | 544 |
| 2-1/2 Air to Air | 41103H101-025 993.62 | 41203H101-025 993.62 | 41303H101-025 1516.85 | 544 |



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Polypropylene (continued)

| Size | Buna-N O-ring | EPDM O-ring | FKM O-ring | Prod Code |
|----------------------------|--------------------------|--------------------------|---------------------------|-----------|
| 2-1/2 Air to Spring | 41103J101-025 1245.26 | 41203J101-025 1245.26 | 41303J101-025 1768.48 | 544 |
| 3 Air to Air | 41103H101-030 1129.13 | 41203H101-030 1129.13 | 41303H101-030 1663.42 | 544 |
| 3 Air to Spring | 41103J101-030 1335.33 | 41203J101-030 1335.33 | 41303J101-030 1869.63 | 544 |
| 4 Air to Air | 41103H101-040 1313.54 | 41203H101-040 1313.54 | 41303H101-040 2029.53 | 544 |
| 4 Air to Spring | 41103J101-040 1600.13 | 41203J101-040 1600.13 | 41303J101-040 2316.12 | 544 |
| 6 Air to Air | 41103H101-060 1882.20 | 41203H101-060 1882.20 | 41303H101-060 3096.04 | 544 |
| 6 Air to Spring | 41103J101-060 2444.86 | 41203J101-060 2444.86 | 41303J101-060 3658.69 | 544 |
| 8 Air to Air | 41103H101-080 2789.78 | 41203H101-080 2789.78 | 41303H101-080 4821.76 | 544 |
| 8 Air to Spring | 41103J101-080 3579.61 | 41203J101-080 3579.61 | 41303J101-080 4038.93 | 544 |
| 10 Air to Air | 41103H101-100 4512.66 | 41203H101-100 4512.66 | 41303H101-100 8595.62 | 544 |
| 10 Air to Spring | 41103J101-100 5903.64 | 41203J101-100 5903.64 | 41303J101-100 9986.57 | 544 |
| 12 Air to Air | 41103H101-120 5505.34 | 41203H101-120 5505.34 | 41303H101-120 11783.08 | 544 |
| 12 Air to Spring | 41103J101-120 6896.29 | 41203J101-120 6896.29 | 41303J101-120 13174.06 | 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.