

| Style and Media | Port Connector | Pressure Range (PSI) | Temp. (°F) | Body Material | Valve Type Number | Page Number |
|------------------------------------|----------------|----------------------|-------------|---------------|-------------------|-------------|
| 2/2 Way Solenoids | | | | | | |
| Water, Neutral Liquids and Gases | Sub-base | 0 - 170 | 14 - 212 | Brass | 6011 | 1-41 |
| Water, Neutral Liquids and Gases | Sub-base | 0 - 145 | 14 - 212 | Brass | 6013 | 1-49 |
| Water, Neutral Liquids and Gases | 1/8", UNF | 0 - 170 | 14 - 212 | Brass | 6011 | 1-45 |
| Aggressive Fluids | 1/8", UNF | 0 - 170 | 14 - 212 | Stainless | 6011 | 1-45 |
| Water, Neutral Liquids and Gases | 1/8" - 1/4" | 0 - 355 | 14 - 212 | Brass | 6013 | 1-49 |
| Water, Neutral Liquids and Gases | 1/8" - 1/4" | 0 - 355 | 14 - 212 | Stainless | 6013 | 1-49 |
| Water, Neutral Liquids and Gases | 1/4" | 0 - 230 | 14 - 356 | Brass | 6013 | 1-49 |
| Aggressive Fluids | 1/4" | 0 - 170 | 14 - 194 | Brass | 330/331 | 1-1 |
| Aggressive Fluids | 1/4" | 0 - 170 | 14 - 194 | Stainless | 330/331 | 1-1 |
| Water, Neutral Liquids and Gases | 1/4" - 1" | 7 - 145 | 14 - 158 | Brass | 6211 | 1-75 |
| Water, Neutral Liquids and Gases | 1/4" - 1" | 0 - 145 | 14 - 194 | Stainless | 6213 | 1-87 |
| Water, Neutral Liquids and Gases | 1/4" - 2" | 0 - 145 | 14 - 194 | Brass | 6213 | 1-87 |
| Hot Water, Hot Oil | 1/4" - 2" | 0 - 145 | (-22) - 250 | Brass | 6213 | 1-93 |
| High Temperature Liquids and Steam | 3/8" - 1" | 0 - 145 | 32 - 356 | Brass | 6038 | 1-65 |
| Water, Neutral Liquids and Gases | 3/8" | 0 - 230 | 32 - 158 | Brass | 6041 | 1-69 |
| Aggressive Fluids | 3/8" - 1" | 2.8 - 145 | 32 - 160 | Stainless | 6212 | 1-79 |
| Water, Neutral Liquids and Gases | 3/8" - 1/2" | 7 - 140 | 32 - 122 | PVC | 6228 | 1-113 |
| Aggressive Fluids | 3/8" - 1/2" | 7 - 085 | 32 - 122 | PVC | 6642 | 1-117 |
| Air, Gases | 3/8" - 3/4" | 7 - 140 | 14 - 194 | Brass | 6221 | 1-97 |
| High Temperature Liquids and Steam | 1/2" - 1 1/2" | 0 - 145 | 32 - 356 | Brass | 407 | 1-15 |
| Water, Neutral Liquids and Gases | 1/2" - 1" | 2.8 - 145 | 32 - 160 | Brass | 6212 | 1-97 |
| Air, Gases | 1/2" - 1" | 14 - 700 | 14 - 194 | Brass | 5404 | 1-37 |
| Water, Neutral Liquids and Gases | 1/2" - 2" | 2.8 - 230 | 14 - 194 | Brass | 5281 | 1-29 |
| Water, Neutral Liquids and Gases | 1/2" - 2" | 2.8 - 145 | 32 - 194 | Brass | 5282 | 1-33 |
| Aggressive Fluids | 1/2" - 2" | 2.8 - 145 | 32 - 194 | Stainless | 5282 | 1-33 |
| 3/2 Way Solenoids | | | | | | |
| Water, Neutral Liquids and Gases | Sub-base | 0 - 230 | 14 - 212 | Brass | 6014 | 2-45 |
| Water, Neutral Liquids and Gases | 1/8" | 0 - 145 | 14 - 212 | Brass | 6012 | 2-41 |
| Water, Neutral Liquids and Gases | 1/8" - 1/4" | 0 - 230 | 14 - 212 | Brass | 6014 | 2-45 |
| Aggressive Fluids | 1/8" - 1/4" | 0 - 230 | 14 - 212 | Stainless | 6014 | 2-45 |
| Water, Neutral Liquids and Gases | 1/4" | 0 - 170 | 14 - 194 | Brass | 330/331 | 1-1 |
| Aggressive Fluids | 1/4" | 0 - 170 | 14 - 194 | Stainless | 330/331 | 1-1 |
| High Temperature Liquids and Steam | 1/4" | 0 - 145 | (-40) - 356 | Brass | 355 | 1-11 |
| Water, Neutral Liquids and Gases | 3/8" | 0 - 230 | 32 - 158 | Brass | 6041 | 1-67 |

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 Fluid Control Systems

Valve Selection Guide

| Style and Media | Port Connector | Pressure Range (PSI) | Temp. (°F) | Body Material | Valve Type Number | Page Number |
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| 3/2 Way | | | | | | |
| Pilots, Pneumatic Actuation | | | | | | |
| Liquids, Gases, Compressed Air | 1/8" - 1/4" | 0 - 230 | 14 - 212 | Brass | 6014 | 2-45 |
| Neutral Gases, Compressed Air | 1/4" | 28 - 115 | 14 - 122 | PA | 6518 | 2-77 |
| Neutral Gases, Compressed Air | Banjo 1/4" | 0-145 | 14 - 212 | PA | 300 | 3-31 |
| Neutral Gases, Compressed Air | Banjo 1/4" | 0 - 145 | 14 - 212 | PA | 6012 | 2-37 |
| Liquids, Gases, Compressed Air | Banjo 1/4" | 0 - 145 | 14 - 212 | Brass | 6012 | 2-33 |
| Liquids, Gases, Compressed Air | Banjo 1/4" | 0 - 145 | 14 - 212 | Stainless | 6012 | 2-33 |
| Liquids, Gases, Compressed Air | Banjo 1/4" | 0 - 145 | 14 - 212 | Brass | 6014 | 2-45 |
| Neutral Gases, Compressed Air | Banjo 1/4" | 0 - 85 | 14 - 212 | PA | 6014 | 2-45 |
| Neutral Gases, Compressed Air | Manifold | 28 - 145 | 14 - 130 | PA | 5470 | 2-19 |
| Neutral Gases, Compressed Air | Manifold | 0 - 100 | 14 - 130 | Custom* | 6104 | 2-53 |
| Neutral Gases, Compressed Air | Manifold | 0 - 145 | 14 - 130 | Custom* | 6106 | 2-57 |
| Neutral Gases, Compressed Air | Manifold | 36 - 100 | 14 - 122 | PA | 6510 | 2-67 |
| Neutral Gases, Compressed Air | Manifold | 28 - 115 | 14 - 122 | PA | 6518 | 2-77 |
| Neutral Gases, Compressed Air | Manifold | 35 - 115 | 30 - 120 | PA | 8640 | 2-85 |
| Neutral Gases, Compressed Air | Namur | 0 - 145 | (-4) - 140 | Aluminum | 712 | 2-5 |
| Neutral Gases, Compressed Air | Namur | 0 - 145 | (-4) - 140 | Brass | 712 | 2-5 |
| Neutral Gases, Compressed Air | Namur | 0 - 145 | (-4) - 140 | Stainless | 712 | 2-5 |
| Neutral Gases, Compressed Air | Namur | 28 - 145 | 14 - 130 | PA | 5470 | 2-29 |
| Neutral Gases, Compressed Air | Namur | 30 - 115 | (-14) - 140 | PA | 6519 | 2-81 |
| Liquids, Gases, Compressed Air | Sub-Base | 0 - 145 | 14 - 212 | Brass | 6012 | 2-33 |
| Liquids, Gases, Compressed Air | Sub-Base | 0 - 145 | 14 - 212 | Stainless | 6012 | 2-33 |
| Liquids, Gases, Compressed Air | Sub-base | 0 - 230 | 14 - 212 | Brass | 6014 | 2-45 |
| Neutral Gases, Compressed Air | Sub-base | 0 - 230 | 14 - 212 | PA | 6014 | 2-45 |
| Neutral Gases, Compressed Air | Sub-base | 36 - 100 | 14 - 122 | PA | 6510 | 2-67 |
| Continuous Solenoid Control | | | | | | |
| (Proportional) | | | | | | |
| Water, Neutral Liquids, Gases | 1/8" | 0 - 85 | 14 - 194 | Brass | 6021 | 1-57 |
| Water, Neutral Liquids, Gases | 1/8" | 0 - 85 | 14 - 194 | Stainless | 6021 | 1-57 |
| Water, Neutral Liquids, Gases | 1/4" | 0 - 115 | 14 - 194 | Brass | 6022 | 1-61 |
| Water, Neutral Liquids, Gases | 1/4" | 0 - 115 | 14 - 194 | Stainless | 6022 | 1-61 |
| Water, Neutral Liquids, Gases | 3/8" | 0 - 115 | 14 - 194 | Brass | 6023 | 1-61 |
| Water, Neutral Liquids, Gases | 3/8" | 0 - 115 | 14 - 194 | Stainless | 6023 | 1-61 |
| Water, Neutral Liquids, Gases | 3/8" - 1" | 7 - 145 | 14 - 194 | Brass | 6223 | 1-101 |
| Water, Neutral Liquids, Gases | 3/8" - 1" | 7 - 145 | 14 - 194 | Stainless | 6223 | 1-101 |

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2/2 Way

Analytical, Medical, Diagnostic

| | | | | | | |
|-----------------------------------|-------------|-----------|-------------|-----------|--------|------|
| Aggressive and High Purity Fluids | 1/8", UNF | 0 - 20 | (-14) - 158 | ETFE | 117 | 3-1 |
| Aggressive and High Purity Fluids | 1/8", UNF | 0 - 28 | 32 - 140 | ETFE | 127 | 3-17 |
| Aggressive and High Purity Fluids | 1/8", UNF | 0 - 28 | 32 - 140 | PVDF | 127 | 3-17 |
| Aggressive and High Purity Fluids | 1/8", UNF | vac - 29 | 32 - 122 | Custom* | 6605 | 3-55 |
| Aggressive and High Purity Fluids | 1/4" - 3/8" | 0 - 58 | (-22) - 194 | Teflon | 121 | 3-5 |
| Aggressive and High Purity Fluids | 1/4" - 3/8" | 0 - 58 | (-22) - 194 | Stainless | 121 | 3-5 |
| Aggressive and High Purity Fluids | 1/4" | 0 - 170 | (-22) - 176 | PP | 124 | 3-9 |
| Aggressive and High Purity Fluids | 1/4" | 0 - 170 | (-22) - 176 | PVDF | 124 | 3-9 |
| Aggressive and High Purity Fluids | Sub-base | 0 - 28 | 32 - 140 | Custom* | 127 | 3-13 |
| Neutral Gases, Compressed Air | Sub-base | 0 - 100 | 14 - 130 | Custom* | 6103 | 2-53 |
| Neutral Gases, Compressed Air | Sub-base | 0 - 145 | 14 - 130 | Custom* | 6105 | 2-57 |
| Aggressive and High Purity Fluids | Sub-base | vac - 44 | 14 - 122 | Custom* | 6123 | 3-37 |
| Aggressive and High Purity Fluids | Sub-base | vac - 145 | 14 - 122 | Custom* | 6125 | 3-41 |
| Aggressive and High Purity Fluids | Sub-base | vac - 44 | 32 - 122 | Custom* | 6603 | 3-51 |
| Aggressive and High Purity Fluids | Sub-base | vac - 29 | 32 - 122 | Custom* | 6605 | 3-55 |
| Aggressive and High Purity Fluids | Pinch | varies | 32 - 194 | aluminum | CHSQ-2 | 3-65 |

3/2 Way

Analytical, Medical, Diagnostic

| | | | | | | |
|-----------------------------------|-----------|-----------|-------------|----------|--------|------|
| Aggressive and High Purity Fluids | 1/8", UNF | 0 - 28 | 32 - 140 | ETFE | 127 | 3-17 |
| Aggressive and High Purity Fluids | 1/8", UNF | 0 - 28 | 32 - 140 | PVDF | 127 | 3-17 |
| Aggressive and High Purity Fluids | 1/8", UNF | vac - 29 | 32 - 122 | Custom* | 6606 | 3-55 |
| Aggressive and High Purity Fluids | 1/4" | 0 - 170 | (-22) - 176 | PP | 124 | 3-9 |
| Aggressive and High Purity Fluids | 1/4" | 0 - 170 | (-22) - 176 | PVDF | 124 | 3-9 |
| Aggressive and High Purity Fluids | Manifold | 0 - 28 | 32 - 140 | Custom* | 127 | 3-13 |
| Neutral Gases, Compressed Air | Manifold | 0 - 100 | 14 - 130 | Custom* | 6104 | 2-53 |
| Neutral Gases, Compressed Air | Manifold | 0 - 145 | 14 - 130 | Custom* | 6106 | 2-57 |
| Aggressive and High Purity Fluids | Sub-base | vac - 44 | 14 - 122 | Custom* | 6124 | 2-37 |
| Aggressive and High Purity Fluids | Sub-base | vac - 145 | 14 - 122 | Custom* | 6126 | 3-41 |
| Aggressive and High Purity Fluids | Sub-base | vac - 44 | 32 - 122 | Custom* | 6604 | 3-51 |
| Aggressive and High Purity Fluids | Sub-base | vac - 29 | 32 - 122 | Custom* | 6606 | 3-55 |
| Aggressive and High Purity Fluids | Pinch | varies | 32 - 194 | aluminum | CHSQ-1 | 3-63 |
| Aggressive and High Purity Fluids | Pinch | varies | 32 - 194 | aluminum | CHSQ-2 | 3-65 |

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| 4/2, 5/2 and 5/3 Way | | | | | | |
| Pneumatic Actuation | | | | | | |
| Neutral Gases, Compressed Air | 1/4" | 28 - 115 | 14 - 122 | PA | 6519 | 2-81 |
| Neutral Gases, Compressed Air | Manifold | 28 - 145 | 14 - 130 | PA | 5470 | 2-19 |
| Neutral Gases, Compressed Air | Manifold | 0 - 100 | 14 - 130 | Custom* | 6104 | 2-53 |
| Neutral Gases, Compressed Air | Manifold | 0 - 145 | 14 - 130 | Custom* | 6106 | 2-57 |
| Neutral Gases, Compressed Air | Manifold | 36 - 100 | 14 - 122 | PA | 6511 | 2-67 |
| Neutral Gases, Compressed Air | Manifold | 28 - 115 | 14 - 122 | PA | 6519 | 2-81 |
| Neutral Gases, Compressed Air | Manifold | 35 - 115 | 30 - 120 | PA | 8640 | 2-85 |
| Neutral Gases, Compressed Air | Namur | 28 - 145 | 14 - 130 | PA | 5470 | 2-25 |
| Neutral Gases, Compressed Air | Namur | 30 - 115 | (-14) - 140 | PA | 6519 | 2-81 |
| Neutral Gases, Compressed Air | Sub-base | 36 - 100 | 14 - 122 | PA | 6511 | 2-67 |
| Air Actuated Process Valves | | | | | | |
| Angle Seat | 3/8" - 3/4" | 0 - 230 | 14 - 356 | Brass | 2000 Compact | 4-13 |
| Angle Seat | 3/8" - 3/4" | 0 - 230 | 14 - 356 | Stainless | 2000 Compact | 4-13 |
| Angle Seat | 1/2" - 2 1/2" | 0 - 230 | 14 - 356 | Brass | 2000- | 4-17 |
| Angle Seat | 1/2" - 2 1/2" | 0 - 230 | 14 - 356 | Stainless | 2000 | 4-9 |
| Angle Seat | 1/2" - 2 1/2" Flange | 0 - 230 | 14 - 356 | Stainless | 2000 | 4-9 |
| Angle Seat | 1/2" - 2" | 0 - 230 | 14 - 356 | Stainless | 2632 | 4-127 |
| Angle Seat | 1/2" - 2 1/2" | 0 - 230 | 14 - 356 | Brass | 2000 TOP Control | 4-25 |
| Angle Seat | 1/2" - 2 1/2" | 0 - 230 | 14 - 356 | Stainless | 2000 TOP Control | 4-25 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 32 - 140 | PVC | 2030 | 4-89 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 32 - 248 | PVDF | 2030 | 4-89 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 32 - 140 | PVC | 2030 w/positioner | 4-95 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 32 - 248 | PVDF | 2030 w/positioner | 4-95 |
| Diaphragm | 1/4" - 2" | 0 - 145 | 14 - 280 | Stainless | 2031 | 4-103 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 7 - 289 | Stainless | 2031 | 4-103 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 14 - 280 | Stainless | 2031 w/positioner | 4-107 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 32 - 140 | PVC | 2030 TOP Control | 4-65 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 14 - 248 | PP | 2030 TOP Control | 4-65 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 32 - 248 | PVDF | 2030 TOP Control | 4-65 |
| Diaphragm | 1/2" - 2" | 0 - 145 | 14 - 280 | Stainless | 2031 w/TOP Control | 4-65 |
| Ball | 1/4" - 2" | 0 - 230 | 14 - 248 | Stainless | 256x | 4-133 |