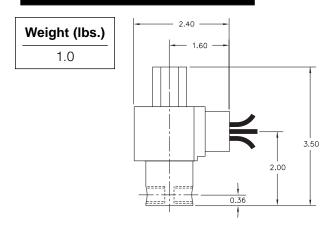


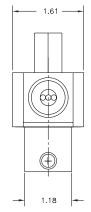
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Open

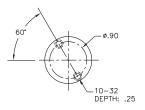


| Materials             | Seals:                | Nitrile, Viton®, Ethylene Propylene or Teflon®  |
|-----------------------|-----------------------|---|
|                       | Orifices: Top<br>Main | Stainless Steel<br>Stainless Steel  |
| Electrical            | Standard Housing:     | Encapsulated Waterproof Conduit (NEMA 4/4X)   |
|                       | Optional Housings:    | Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others. |
|                       | Standard Voltages:    | 24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.  |
|                       | Voltage Tolerance:    | ±10% of applicable voltage  |
|                       | Coil Classes:         | F, H, N   |
|                       | Standard Lead Length: | 24 inch   |
| Operating Temperature | Ambient (Nominal):    | 32° to 125°F  |
| Mounting              | Position              | Any   |
| Approvals*            | Agency                | UL Listed, UL Recognized, CSA Approved  |
|                       |                       | •   |

<sup>\*</sup> Not available for all variations





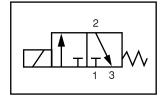


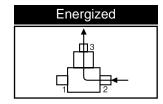
<sup>®</sup> Registered Trademark of DuPont Co.

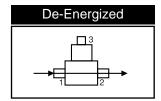


# S314 – 1/8" NPT, Brass Body, Normally Open

### Valve Selection List







| Φ.        | Orifice C <sub>V</sub> |       | C <sub>V</sub> Operating Pressure Differential (psi)  Maximum |     |       |     |     |      | psi) | ηp.   | _                  | Power    |                     | Model Code |               |  |                                  |
|-----------|------------------------|-------|---|-----|-------|-----|-----|------|------|-------|--------------------|----------|---------------------|------------|---------------|--|----------------------------------|
| Pipe Size | 1                      | N<br> |   |     | Air/0 | Gas | Wa  | iter | Ligh | t Oil | Max<br>Fluid Temp. | Material | Consumption (Watts) |            |               |  | ( 120V/60HZ — 110V/50HZ<br>Shown |
| NPT       | Main                   | Тор   | Main  | Тор | AC    | DC  | AC  | DC   | AC   | DC    | °F                 | Seal     | AC                  | DC         | Brass Body    |  |                                  |
|           | 3/64                   | 3/64  | .05   | .05 | 150   | 150 | 150 | 150  |      | _     | 295                | EPR      | 8                   | 9          | S314GF02C8AC3 |  |                                  |
| 1/8       | 3/32                   | 1/16  | .20   | .10 | 80    | 80  | 80  | 80   | 1    | _     | 295                | EPR      | 8                   | 9          | S314GF02C8AW7 |  |                                  |
| 1/0       | 3/32                   | 3/32  | .20   | .20 | 45    | 45  | 45  | 45   | 1    | _     | 295                | EPR      | 8                   | 9          | S314GF02C8AC9 |  |                                  |
|           | 5/32                   | 3/32  | .41   | .20 | 30    | 15  | 30  | 15   | -    | _     | 295                | EPR      | 8                   | 9          | S314GF02C8AV9 |  |                                  |
|           | 3/64                   | 3/64  | .05   | .05 | 150   | 150 | 150 | 150  | 150  | 150   | 180                | Nitrile  | 8                   | 9          | S314GF02N8AC3 |  |                                  |
| 1/8       | 3/32                   | 1/16  | .20   | .20 | 80    | 80  | 80  | 80   | 80   | 80    | 180                | Nitrile  | 8                   | 9          | S314GF02N8AW7 |  |                                  |
| 1/0       | 3/32                   | 3/32  | .20   | .20 | 45    | 45  | 45  | 45   | 45   | 45    | 180                | Nitrile  | 8                   | 9          | S314GF02N8AC9 |  |                                  |
|           | 5/32                   | 3/32  | .41   | .20 | 30    | 15  | 30  | 15   | 30   | 15    | 180                | Nitrile  | 8                   | 9          | S314GF02N8AV9 |  |                                  |
| •         | 3/64                   | 3/64  | .05   | .05 | 150   | 150 | 150 | 150  | 150  | 150   | 230                | Viton    | 8                   | 9          | S314GF02V8AC3 |  |                                  |
| 1/8       | 3/32                   | 1/16  | .20   | .10 | 80    | 80  | 80  | 80   | 80   | 80    | 230                | Viton    | 8                   | 9          | S314GF02V8AW7 |  |                                  |
| 1/0       | 3/32                   | 3/32  | .20   | .20 | 45    | 45  | 45  | 45   | 45   | 45    | 230                | Viton    | 8                   | 9          | S314GF02V8AC9 |  |                                  |
|           | 5/32                   | 3/32  | .41   | .20 | 30    | 15  | 30  | 15   | 30   | 15    | 230                | Viton    | 8                   | 9          | S314GF02V8AV9 |  |                                  |
| •         | 3/64                   | 3/64  | .05   | .05 | 150   | 150 | 150 | 150  | 150  | 150   | 366*               | Teflon   | 8                   | 9          | S314GF02T8AC3 |  |                                  |
| 1/8       | 3/32                   | 1/16  | .20   | .10 | 80    | 80  | 80  | 80   | 80   | 80    | 366*               | Teflon   | 8                   | 9          | S314GF02T8AW7 |  |                                  |
| 1/0       | 3/32                   | 3/32  | .20   | .20 | 45    | 45  | 45  | 45   | 45   | 45    | 366*               | Teflon   | 8                   | 9          | S314GF02T8AC9 |  |                                  |
|           | 5/32                   | 3/32  | .41   | .10 | 30    | 15  | 30  | 15   | 30   | 15    | 366*               | Teflon   | 8                   | 9          | S314GF02T8AV9 |  |                                  |

<sup>\*</sup> Class H Coil Recommended for High Temperature Applications

### S314 – 1/8" NPT, Brass Body, Normally Open



# **Part Numbering**

| C 2 1  |                   |             |          |                                     |                        |                    |  |
|--------|-------------------|-------------|----------|-------------------------------------|------------------------|--------------------|--|
|        | 4   G             | <b>[F</b> ] | 0 2      | C                                   | 8                      | A                  | <b>C</b> 3   |
| Series | perating Housing* | Coil Class* | Voltage* | Seal<br>Material                    | Body<br>Material       | Pipe<br>Connection | Orifice Size<br>(Main x Top)   |
|        | Open              | F: Class F  |          | N: Nitrile<br>V: Viton<br>T: Teflon | 8: Brass ations and op |                    | C3: 3/64" x 3/64"<br>W7: 3/32" x 1/16"<br>C9: 3/32" x 3/32"<br>V9: 5/32" x 3/32" |

| Type | Size |
|------|------|
| All  | S3   |

| Frequency (Hz)     |         | 60 | 50 |
|--------------------|---------|----|----|
| Nominal Power (VA) | Inrush  | 36 | 36 |
|                    | Holding | 16 | 17 |

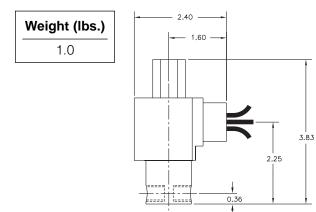


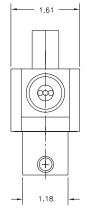
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Open

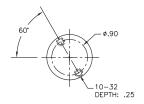


| Materials             | Seals:       |             | Nitrile, Viton®, Ethylene Propylene or Teflon®  |
|-----------------------|--------------|-------------|---|
|                       | Orifices:    | Top<br>Main | Stainless Steel<br>Stainless Steel  |
| Electrical            | Standard Ho  | ousing:     | Encapsulated Waterproof Conduit (NEMA 4/4X)   |
|                       | Optional Hou | usings:     | Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others. |
|                       | Standard Vo  | ltages:     | 24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.  |
|                       | Voltage Tole | rance:      | ±10% of applicable voltage  |
|                       | Coil Classes | :           | F, H, N   |
|                       | Standard Le  | ad Length:  | 24 inch   |
| Operating Temperature | Ambient (No  | minal):     | 32° to 125°F  |
| Mounting              | Position     |             | Any   |
| Approvals*            | Agency       |             | UL Listed, UL Recognized, CSA Approved  |

<sup>\*</sup> Not available for all variations





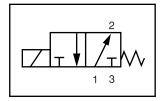


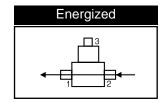
<sup>®</sup> Registered Trademark of DuPont Co.

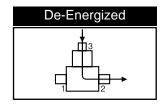


# S304–1/8" NPT, Brass Body, Normally Open

# Valve Selection List







|        |      | rifice C <sub>V</sub> Operating Pressure Differential (psi) |      |     | Po    | wer | Model Code |     |      |       |                    |          |     |        |                           |
|--------|------|---|------|-----|-------|-----|------------|-----|------|-------|--------------------|----------|-----|--------|---------------------------|
| Size   | _    | ze<br>N   |      | ٧   |       |     | Maxi       | mum |      |       | ×<br>emp           | <u></u>  |     | mption | ( 120V/60HZ — 110V/50HZ ) |
| Pipe S | "    | IN  |      |     | Air/0 | Gas | Wa         | ter | Ligh | t Oil | Max<br>Fluid Temp. | Material | (Wa | atts)  | Shown                     |
| NPT    | Main | Тор   | Main | Тор | AC    | DC  | AC         | DC  | AC   | DC    | °F                 | Seall    | AC  | DC     | Brass Body                |
|        | 3/64 | 3/64  | .05  | .05 | 150   | 150 | 150        | 150 | _    | _     | 295                | EPR      | 10  | 10     | S304GF02C8AC3             |
|        | 3/64 | 1/16  | .05  | .10 | 150   | 120 | 150        | 120 | _    | _     | 295                | EPR      | 10  | 10     | S304GF02C8AV1             |
| 1/8    | 1/16 | 1/16  | .08  | .10 | 125   | 120 | 125        | 120 | _    | _     | 295                | EPR      | 10  | 10     | S304GF02C8AC5             |
|        | 3/32 | 3/32  | .18  | .23 | 75    | 25  | 75         | 25  | _    | _     | 295                | EPR      | 10  | 10     | S304GF02C8AC9             |
|        | 5/32 | 3/32  | .41  | .23 | 75    | 20  | 75         | 20  | _    | _     | 295                | EPR      | 10  | 10     | S304GF02C8AV7             |
|        | 3/64 | 3/64  | .05  | .05 | 150   | 150 | 150        | 150 | 150  | 150   | 180                | Nitrile  | 10  | 10     | S304GF02N8AC3             |
|        | 3/64 | 1/16  | .05  | .10 | 150   | 120 | 150        | 120 | 150  | 120   | 180                | Nitrile  | 10  | 10     | S304GF02N8AV1             |
| 1/8    | 1/16 | 1/16  | .08  | .10 | 125   | 120 | 125        | 120 | 125  | 120   | 180                | Nitrile  | 10  | 10     | S304GF02N8AC5             |
|        | 3/32 | 3/32  | .18  | .23 | 75    | 25  | 75         | 25  | 75   | 25    | 180                | Nitrile  | 10  | 10     | S304GF02N8AC9             |
|        | 5/32 | 3/32  | .41  | .23 | 75    | 20  | 75         | 20  | 75   | 20    | 180                | Nitrile  | 10  | 10     | S304GF02N8AV7             |
|        | 3/64 | 3/64  | .05  | .05 | 150   | 150 | 150        | 150 | 150  | 150   | 230                | Viton    | 10  | 10     | S304GF02V8AC3             |
|        | 3/64 | 1/16  | .05  | .10 | 150   | 120 | 150        | 120 | 150  | 120   | 230                | Viton    | 10  | 10     | S304GF02V8AV1             |
| 1/8    | 1/16 | 1/16  | .08  | .10 | 125   | 120 | 125        | 120 | 125  | 120   | 230                | Viton    | 10  | 10     | S304GF02V8AC5             |
|        | 3/32 | 3/32  | .18  | .23 | 75    | 25  | 75         | 25  | 75   | 25    | 230                | Viton    | 10  | 10     | S304GF02V8AC9             |
|        | 5/32 | 3/32  | .41  | .23 | 75    | 20  | 75         | 20  | 75   | 20    | 230                | Viton    | 10  | 10     | S304GF02V8AV7             |
|        | 3/64 | 3/64  | .05  | .05 | 150   | 150 | 150        | 150 | 150  | 150   | 366*               | Teflon   | 10  | 10     | S304GF02T8AC3             |
|        | 3/64 | 1/16  | .05  | .10 | 150   | 120 | 150        | 120 | 150  | 120   | 366*               | Teflon   | 10  | 10     | S304GF02T8AV1             |
| 1/8    | 1/16 | 1/16  | .08  | .10 | 125   | 120 | 125        | 120 | 125  | 120   | 366*               | Teflon   | 10  | 10     | S304GF02T8AC5             |
|        | 3/32 | 3/32  | .18  | .23 | 75    | 25  | 75         | 25  | 75   | 25    | 366*               | Teflon   | 10  | 10     | S304GF02T8AC9             |
|        | 5/32 | 3/32  | .41  | .23 | 75    | 20  | 75         | 20  | 75   | 20    | 366*               | Teflon   | 10  | 10     | S304GF02T8AV7             |

<sup>\*</sup> Class H Coil Recommended for High Temperature Applications

### S304– 1/8" NPT, Brass Body, Normally Open



# **Part Numbering**

| 1 | 2      | 3 | 4  | 5          | 6           | 7 8      | 9                                   | 10               | 11                 | 12 13   |
|---|--------|---|--|------------|-------------|----------|-------------------------------------|------------------|--------------------|---|
| S | 3      | 0 | 4  | G          | F           | 02       | C                                   | 8                | A                  | <b>C</b> 3  |
|   | Series |   | Operating<br>Mode  | Housing*   | Coil Class* | Voltage* | Seal<br>Material                    | Body<br>Material | Pipe<br>Connection | Orifice Size<br>(Main x Top)  |
|   | S30    |   | 4: Normally<br>Open  | G: Conduit |             |          | N: Nitrile<br>V: Viton<br>T: Teflon | 8: Brass         |                    | C3: 3/64" x 3/64"<br>V1: 3/64" x 1/16"<br>C5: 1/16" x 1/16"<br>C9: 3/32" x 3/32"<br>V7: 5/32" x 3/32" |
|   |        |   | * See the "Engineering Guide" for additional voltages, variations and options. |            |             |          |                                     |                  |                    |   |

| $-$ C $\sim$ il | Eami | ı, |
|-----------------|------|----|
| COII            | Fami | ıy |

| Type | Size |
|------|------|
| All  | S4   |
|      |      |
|      |      |

| Frequency (Hz)     |         | 60 | 50 |
|--------------------|---------|----|----|
| Nominal Power (VA) | Inrush  | 46 | 46 |
|                    | Holding | 20 | 23 |



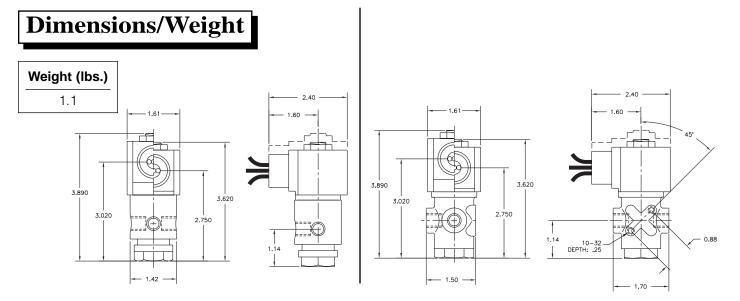
- 1/8" NPT
- Brass Body
- 3-Way Direct Acting
- Normally Open



| Materials             | Seals:                | Nitrile, Viton®, Ethylene Propylene   |
|-----------------------|-----------------------|---|
|                       | Orifices:             | Brass   |
| Electrical            | Standard Housing:     | Encapsulated Waterproof Conduit (NEMA 4/4X)   |
|                       | Optional Housings:    | Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others. |
|                       | Standard Voltages:    | 24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.  |
|                       | Voltage Tolerance:    | ±10% of applicable voltage  |
|                       | Coil Classes:         | F, H, N   |
|                       | Standard Lead Length: | 24 inch   |
| Operating Temperature | Ambient (Nominal):    | 32°F to 125°F   |
| Mounting              | Position              | Any   |
| Approvals*            | Agency                | UL Listed, UL Recognized, CSA Approved  |

<sup>\*</sup> Not available for all variations

<sup>®</sup> Registered Trademark of DuPont Co.

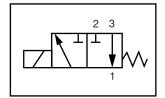


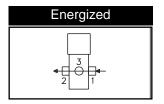
GC Valves Customer Service: 800-828-0484 (7:30am to 4pm ET) or 800-582-4232 (7:30am to 4pm PT)

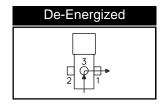


# S334 – 1/8" NPT, Brass Body, Normally Open

### Valve Selection List







| Size    | Size    |                | (       | Operating Pressure Differential (psi)  Maximum  Application of the proper of the prope |     |     |      |      | Model Code<br>( 120V/60HZ — 110V/50HZ ) |                    |          |         |    |               |
|---------|---------|----------------|---------|--|-----|-----|------|------|---|--------------------|----------|---------|----|---------------|
| Pipe Si | Orifice |                | mnı     | Air/0  | Gas | Wa  | iter | Ligh | nt Oil                                  | Max<br>Fluid Temp. | Material | (Watts) |    | Shown Shown   |
| NPT     | IN      | C <sub>v</sub> | Minimum | AC   | DC  | AC  | DC   | AC   | DC                                      | °F                 | Seal     | AC DC   |    | Brass Body    |
| 1/8     | 1/16    | .09            | 0       | 160  | 100 | 160 | 100  | _    | -                                       | 295                | EPR      | 8       | 9  | S334GF02C3AC5 |
| Reduced | 3/32    | .15            | 0       | 100  | 50  | 100 | 50   | _    | _                                       | 295                | EPR      | 8       | 9  | S334GF02C3AC9 |
| Power   | 1/8     | .26            | 0       | 50   | 30  | 50  | 30   | _    | l                                       | 295                | EPR      | 8       | 9  | S334GF02C3AD5 |
|         | 1/16    | .09            | 0       | 200  | 160 | 200 | 160  | _    | l                                       | 295                | EPR      | 10      | 10 | S334GF02C4AC5 |
| 1/8     | 3/32    | .15            | 0       | 150  | 114 | 150 | 114  | _    | -                                       | 295                | EPR      | 10      | 10 | S334GF02C4AC9 |
| 1/8     | 1/8     | .31            | 0       | 84   | 60  | 84  | 60   | _    | -                                       | 295                | EPR      | 10      | 10 | S334GF02C4AD5 |
|         | 11/64   | .38            | 0       | 45   | 24  | 45  | 24   | _    | l                                       | 295                | EPR      | 10      | 10 | S334GF02C4AD8 |
| 1/8     | 1/16    | .09            | 0       | 160  | 100 | 160 | 100  | 160  | 100                                     | 180                | Nitrile  | 8       | 9  | S334GF02N3AC5 |
| Reduced | 3/32    | .15            | 0       | 100  | 50  | 100 | 50   | 100  | 50                                      | 180                | Nitrile  | 8       | 6  | S334GF02N3AC9 |
| Power   | 1/8     | .26            | 0       | 50   | 30  | 50  | 30   | 50   | 30                                      | 180                | Nitrile  | 8       | 9  | S334GF02N3AD5 |
|         | 1/16    | .09            | 0       | 200  | 160 | 200 | 160  | 200  | 160                                     | 180                | Nitrile  | 10      | 10 | S334GF02N4AC5 |
| 1/8     | 3/32    | .15            | 0       | 150  | 114 | 150 | 114  | 150  | 114                                     | 180                | Nitrile  | 10      | 10 | S334GF02N4AC9 |
| 1/6     | 1/8     | .31            | 0       | 84   | 60  | 84  | 60   | 84   | 60                                      | 180                | Nitrile  | 10      | 10 | S334GF02N4AD5 |
|         | 11/64   | .38            | 0       | 45   | 24  | 45  | 24   | 45   | 24                                      | 180                | Nitrile  | 10      | 10 | S334GF02N4AD8 |
| 1/8     | 1/16    | .09            | 0       | 160  | 100 | 160 | 100  | 160  | 100                                     | 230                | Viton    | 8       | 9  | S334GF02V3AC5 |
| Reduced | 3/32    | .15            | 0       | 100  | 50  | 100 | 50   | 100  | 50                                      | 230                | Viton    | 8       | 6  | S334GF02V3AC9 |
| Power   | 1/8     | .26            | 0       | 50   | 30  | 50  | 30   | 50   | 30                                      | 230                | Viton    | 8       | 9  | S334GF02V3AD5 |
|         | 1/16    | .09            | 0       | 200  | 160 | 200 | 160  | 200  | 160                                     | 230                | Viton    | 10      | 10 | S334GF02V4AC5 |
| 1/0     | 3/32    | .15            | 0       | 150  | 114 | 150 | 114  | 150  | 114                                     | 230                | Viton    | 10      | 10 | S334GF02V4AC9 |
| 1/8     | 1/8     | .31            | 0       | 84   | 60  | 84  | 60   | 84   | 60                                      | 230                | Viton    | 10      | 10 | S334GF02V4AD5 |
|         | 11/64   | .38            | 0       | 45   | 24  | 45  | 24   | 45   | 24                                      | 230                | Viton    | 10      | 10 | S334GF02V4AD8 |

<sup>\*</sup> Class H Coil Recommended for High Temperature Applications

# S334 – 1/8" NPT, Brass Body, Normally Open



# **Part Numbering**

| 1 | 2      | 3 | 4                           | 5        | 6           | 7 8  | 9                | 10                                    | 11                 | 12 13  |
|---|--------|---|-----------------------------|----------|-------------|--|------------------|---------------------------------------|--------------------|--|
| S | 3      | 3 | 4                           | G        | F           | 0 2  | C                | 3                                     | A                  | <b>C</b> 5                                       |
|   | Series |   | Operating<br>Mode           | Housing* | Coil Class* | Voltage*                                   | Seal<br>Material | Body<br>Material                      | Pipe<br>Connection | Orifice Size                                     |
|   | S33    |   | 4: Normally<br>Open<br>* Se |          |             | 02: 120/60<br>110/50<br>" for additional v | V: Viton         | 3: Brass<br>4: Brass<br>ations and op | A: 1/8" NPT        | C5: 1/16"<br>C9: 3/32"<br>D5: 1/8"<br>D8: 11/64" |
|   |        |   |                             |          |             |  | l                | I                                     | į                  |  |

#### **Coil Data**

#### Coil Family

| Type        | Size |
|-------------|------|
| (Body Code) |      |
| 3           | S3   |
| 4           | S4   |
|             |      |

| Frequency (Hz)     |         | 6  | 0  | 50 |    |
|--------------------|---------|----|----|----|----|
|                    | Body    | 3  | 4  | 3  | 4  |
| Nominal Power (VA) | Inrush  | 36 | 46 | 36 | 46 |
|                    | Holding | 13 | 18 | 14 | 19 |

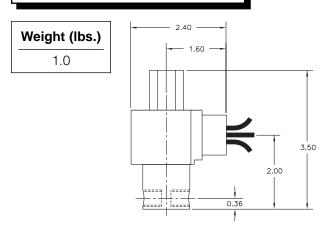


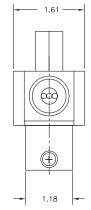
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Open

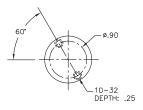


| Materials             | Seals:         |             | Nitrile, Viton®, Ethylene Propylene or Teflon®  |
|-----------------------|----------------|-------------|---|
|                       |                | Top<br>Main | Stainless Steel<br>Stainless Steel  |
| Electrical            | Standard Hous  | sing:       | Encapsulated Waterproof Conduit (NEMA 4/4X)   |
|                       | Optional Housi | ings:       | Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others. |
|                       | Standard Volta | iges:       | 24, 120, 240 AC 60 Hz; 50 Hz available<br>6, 12, 24 DC;<br>Contact GC Valves Customer Service for Additional<br>Voltages.                                     |
|                       | Voltage Tolera | nce:        | ±10% of applicable voltage  |
|                       | Coil Classes:  |             | F, H, N   |
|                       | Standard Lead  | I Length:   | 24 inch   |
| Operating Temperature | Ambient (Nomi  | inal):      | 32° to 125°F  |
| Mounting              | Position       |             | Any   |
| Approvals*            | Agency         |             | UL Listed, UL Recognized, CSA Approved  |

<sup>\*</sup> Not available for all variations





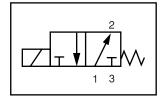


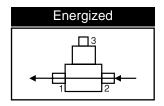
<sup>®</sup> Registered Trademark of DuPont Co.

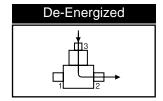


#### S314 – 1/8" NPT, Stainless Steel Body, Normally Open

### Valve Selection List







| Φ         | 1    | fice<br>ze | С    | v   | Оре   | Operating Pressure Differential (psi)  Maximum  Operating Pressure Differential (psi)  Description: |     |     |      | Model Code |                    |          |              |    |                                    |
|-----------|------|------------|------|-----|-------|---|-----|-----|------|------------|--------------------|----------|--------------|----|------------------------------------|
| Pipe Size | I    | N          |      |     | Air/0 | Gas   | Wa  |     | Ligh | t Oil      | Max<br>Fluid Temp. | Material | Consu<br>(Wa |    | ( 120V/60HZ — 110V/50HZ )<br>Shown |
| <u> </u>  | Main | Тор        | Main | Тор | AC    | DC  | AC  | DC  | AC   | DC         | °F                 | Seal     | AC           | DC | Stainless Steel Body               |
|           | 3/64 | 3/64       | .05  | .05 | 150   | 150   | 150 | 150 |      | _          | 295                | EPR      | 8            | 9  | S314GF02C2AC3                      |
| 1/8       | 3/32 | 1/16       | .20  | .10 | 80    | 80  | 80  | 80  | _    | _          | 295                | EPR      | 8            | 9  | S314GF02C2AW7                      |
| 1/0       | 3/32 | 3/32       | .20  | .20 | 45    | 45  | 45  | 45  | _    | _          | 295                | EPR      | 8            | 9  | S314GF02C2AC9                      |
|           | 5/32 | 3/32       | .41  | .20 | 30    | 15  | 30  | 15  | _    | _          | 295                | EPR      | 8            | 9  | S314GF02C2AV9                      |
|           | 3/64 | 3/64       | .05  | .05 | 150   | 150   | 150 | 150 | 150  | 150        | 180                | Nitrile  | 8            | 9  | S314GF02N2AC3                      |
| 1/8       | 3/32 | 1/16       | .20  | .10 | 80    | 80  | 80  | 80  | 80   | 80         | 180                | Nitrile  | 8            | 9  | S314GF02N2AW7                      |
| 1/0       | 3/32 | 3/32       | .20  | .20 | 45    | 45  | 45  | 45  | 45   | 45         | 180                | Nitrile  | 8            | 9  | S314GF02N2AC9                      |
|           | 5/32 | 3/32       | .41  | .20 | 30    | 15  | 30  | 15  | 30   | 15         | 180                | Nitrile  | 8            | 9  | S314GF02N2AV9                      |
|           | 3/64 | 3/64       | .05  | .05 | 150   | 150   | 150 | 150 | 150  | 150        | 230                | Viton    | 8            | 9  | S314GF02V2AC3                      |
| 1/8       | 3/32 | 1/16       | .20  | .10 | 80    | 80  | 80  | 80  | 80   | 80         | 230                | Viton    | 8            | 9  | S314GF02V2AW7                      |
| 1/0       | 3/32 | 3/32       | .20  | .20 | 45    | 45  | 45  | 45  | 45   | 45         | 230                | Viton    | 8            | 9  | S314GF02V2AC9                      |
|           | 5/32 | 3/32       | .41  | .20 | 30    | 15  | 30  | 15  | 30   | 15         | 230                | Viton    | 8            | 9  | S314GF02V2AV9                      |
|           | 3/64 | 3/64       | .05  | .05 | 150   | 150   | 150 | 150 | 150  | 150        | 366*               | Teflon   | 8            | 9  | S314GF02T2AC3                      |
| 1/8       | 3/32 | 1/16       | .20  | .10 | 80    | 80  | 80  | 80  | 80   | 80         | 366*               | Teflon   | 8            | 9  | S314GF02T2AW7                      |
| 1/0       | 3/32 | 3/32       | .20  | .20 | 45    | 45  | 45  | 45  | 45   | 45         | 366*               | Teflon   | 8            | 9  | S314GF02T2AC9                      |
|           | 5/32 | 3/32       | .41  | .20 | 30    | 15  | 30  | 15  | 30   | 15         | 366*               | Teflon   | 8            | 9  | S314GF02T2AV9                      |

<sup>\*</sup> Class H Coil Recommended for High Temperature Applications

#### S314 – 1/8" NPT, Stainless Steel Body, Normally Open



# Part Numbering

| 1 2 3  | 4                   | 5                        | 6           | 7 8  | 9   | 10                                     | 11                 | 12 13  |
|--------|---------------------|--------------------------|-------------|--|---|--|--------------------|--|
| S 3 1  | 4                   | G                        | F           | 0 2  | C   | 2                                      | A                  | <b>C</b> 3   |
| Series | Operating<br>Mode   | Housing*                 | Coil Class* | Voltage*                                   | Seal<br>Material                                    | Body<br>Material                       | Pipe<br>Connection | Orifice Size<br>(Main x Top)   |
| S31    | 4: Normally<br>Open | G: Conduit e the "Engine |             | 02: 120/60<br>110/50<br>" for additional v | C: EPR N: Nitrile V: Viton T: Teflon voltages, vari | 2: Stainless<br>Steel<br>ations and op |                    | C3: 3/64" x 3/64"<br>W7: 3/32" x 1/16"<br>C9: 3/32" x 3/32"<br>V9: 5/32" x 3/32" |

| <u> </u>   | _          | • •   |
|------------|------------|-------|
| (, )       | $L \cap m$ | ılv 1 |
| ( ,( )     | Fam        | Hν    |
| <b>O O</b> |            | y     |
|            |            |       |

| Туре | Size       |
|------|------------|
| All  | <b>S</b> 3 |
|      |            |

| Frequency (Hz)     |         | 60 | 50 |
|--------------------|---------|----|----|
| Nominal Power (VA) | Inrush  | 36 | 36 |
|                    | Holding | 16 | 17 |

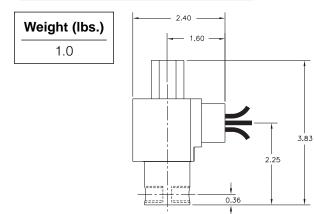


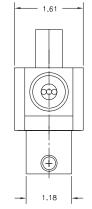
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Open

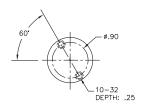


| Materials             | Seals:             |             | Nitrile, Viton®, Ethylene Propylene or Teflon®  |  |  |  |  |  |
|-----------------------|--------------------|-------------|---|--|--|--|--|--|
|                       | Orifices:          | Top<br>Main | Stainless Steel<br>Stainless Steel  |  |  |  |  |  |
| Electrical            | Standard Ho        | using:      | Encapsulated Waterproof Conduit (NEMA 4/4X)   |  |  |  |  |  |
|                       | Optional Hou       | usings:     | Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others. |  |  |  |  |  |
|                       | Standard Voltages: |             | 24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.  |  |  |  |  |  |
|                       | Voltage Tole       | rance:      | ±10% of applicable voltage  |  |  |  |  |  |
|                       | Coil Classes       | :           | F, H, N   |  |  |  |  |  |
|                       | Standard Lea       | ad Length:  | 24 inch   |  |  |  |  |  |
| Operating Temperature | Ambient (No        | minal):     | 32° to 125°F  |  |  |  |  |  |
| Mounting              | Position           |             | Any   |  |  |  |  |  |
| Approvals*            | Agency             |             | UL Listed, UL Recognized, CSA Approved  |  |  |  |  |  |

<sup>\*</sup> Not available for all variations





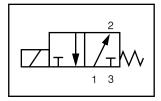


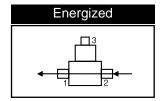
<sup>®</sup> Registered Trademark of DuPont Co.

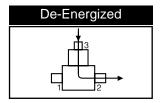


#### S304 – 1/8" NPT, Stainless Steel Body, Normally Open

### Valve Selection List







|        |      | fice    | C          | ·<br>'V | Operating Pressure Differential (psi) |     |     |     |      | ć     |                    | Po       | wer | Model Code |                           |
|--------|------|---------|------------|---------|---------------------------------------|-----|-----|-----|------|-------|--------------------|----------|-----|------------|---------------------------|
| Size   | _    | Size IN |            | V       | Maximum                               |     |     |     |      |       | ×<br>emp           | <u></u>  |     | mption     | ( 120V/60HZ — 110V/50HZ ) |
| Pipe S | - "  |         |            |         | Air/0                                 | Gas | Wa  | ter | Ligh | t Oil | Max<br>Fluid Temp. | Material | (Wa | atts)      | Shown                     |
| NPT    | Main | Тор     | Main       | Тор     | AC                                    | DC  | AC  | DC  | AC   | DC    | °F                 | Seal     | AC  | DC         | Stainless Steel Body      |
|        | 3/64 | 3/64    | .05        | .05     | 150                                   | 150 | 150 | 150 | _    | _     | 295                | EPR      | 10  | 10         | S304GF02C2AC3             |
|        | 3/64 | 1/16    | .05        | .10     | 150                                   | 120 | 150 | 120 | _    | _     | 295                | EPR      | 10  | 10         | S304GF02C2AV1             |
| 1/8    | 1/16 | 1/16    | .08        | .10     | 125                                   | 120 | 125 | 120 | _    | _     | 295                | EPR      | 10  | 10         | S304GF02C2AC5             |
|        | 3/32 | 3/32    | .18        | .23     | 75                                    | 25  | 75  | 25  | _    | _     | 295                | EPR      | 10  | 10         | S304GF02C2AC9             |
|        | 5/32 | 3/32    | .41        | .23     | 75                                    | 20  | 75  | 20  | _    | _     | 295                | EPR      | 10  | 10         | S304GF02C2AV7             |
|        | 3/64 | 3/64    | .05        | .05     | 150                                   | 150 | 150 | 150 | 150  | 150   | 180                | Nitrile  | 10  | 10         | S304GF02N2AC3             |
|        | 3/64 | 1/16    | .05 .10 15 |         | 150                                   | 120 | 150 | 120 | 150  | 120   | 180                | Nitrile  | 10  | 10         | S304GF02N2AV1             |
| 1/8    | 1/16 | 1/16    | .08        | .10     | 125                                   | 120 | 125 | 120 | 125  | 120   | 180                | Nitrile  | 10  | 10         | S304GF02N2AC5             |
|        | 3/32 | 3/32    | .18        | .23     | 75                                    | 25  | 75  | 25  | 75   | 25    | 180                | Nitrile  | 10  | 10         | S304GF02N2AC9             |
|        | 5/32 | 3/32    | .41        | .23     | 20                                    | 75  | 20  | 20  | 75   | 20    | 180                | Nitrile  | 10  | 10         | S304GF02N2AV7             |
|        | 3/64 | 3/64    | .05        | .05     | 150                                   | 150 | 150 | 150 | 150  | 150   | 230                | Viton    | 10  | 10         | S304GF02V2AC3             |
|        | 3/64 | 1/16    | .05        | .10     | 150                                   | 120 | 150 | 120 | 150  | 120   | 230                | Viton    | 10  | 10         | S304GF02V2AV1             |
| 1/8    | 1/16 | 1/16    | .08        | .10     | 125                                   | 120 | 125 | 120 | 125  | 120   | 230                | Viton    | 10  | 10         | S304GF02V2AC5             |
|        | 3/32 | 3/32    | .18        | .23     | 75                                    | 25  | 75  | 25  | 75   | 25    | 230                | Viton    | 10  | 10         | S304GF02V2AC9             |
|        | 5/32 | 3/32    | .41        | .23     | 75                                    | 20  | 75  | 20  | 75   | 20    | 230                | Viton    | 10  | 10         | S304GF02V2AV7             |
|        | 3/64 | 3/64    | .05        | .05     | 150                                   | 150 | 150 | 150 | 150  | 150   | 366*               | Teflon   | 10  | 10         | S304GF02T2AC3             |
|        | 3/64 | 1/16    | .05        | .10     | 150                                   | 120 | 150 | 120 | 150  | 120   | 366*               | Teflon   | 10  | 10         | S304GF02T2AV1             |
| 1/8    | 1/16 | 1/16    | .08        | .10     | 125                                   | 120 | 125 | 120 | 125  | 120   | 366*               | Teflon   | 10  | 10         | S304GF02T2AC5             |
|        | 3/32 | 3/32    | .18        | .23     | 75                                    | 25  | 75  | 25  | 75   | 25    | 366*               | Teflon   | 10  | 10         | S304GF02T2AC9             |
|        | 5/32 | 3/32    | .41        | .23     | 75                                    | 20  | 75  | 20  | 75   | 20    | 366*               | Teflon   | 10  | 10         | S304GF02T2AV7             |

<sup>\*</sup> Class H Coil Recommended for High Temperature Applications

#### S304 – 1/8" NPT, Stainless Steel Body, Normally Open



# **Part Numbering**

| 1 | 2      | 3 | 4                   | 5                  | 6                 | 7 8                | 9   | 10                    | 11                 | 12 13   |
|---|--------|---|---------------------|--------------------|-------------------|--------------------|---|-----------------------|--------------------|---|
| S | 3      | 0 | 4                   | G                  | F                 | 02                 | C   | 2                     | A                  | <b>C</b> 3  |
|   | Series |   | Operating<br>Mode   | Housing*           | Coil Class*       | Voltage*           | Seal<br>Material                              | Body<br>Material      | Pipe<br>Connection | Orifice Size<br>(Main x Top)  |
|   | S30    |   | 4: Normally<br>Open | G: Conduit         |                   |                    | C: EPR<br>N: Nitrile<br>V: Viton<br>T: Teflon | 2: Stainless<br>Steel |                    | C3: 3/64" x 3/64"<br>V1: 3/64" x 1/16"<br>C5: 1/16" x 1/16"<br>C9: 3/32" x 3/32"<br>V7: 5/32" x 3/32" |
|   |        |   | * Se                | e the "Engine<br>I | eering Guide<br>I | " for additional v | oltages, vari<br>I                            | ations and op<br>I    | tions.             |   |

| $\sim$ $\cdot$ | _   | • • •       |
|----------------|-----|-------------|
| (, VII         | Lar | mılv/       |
| Coil           | ıaı | 11117       |
|                |     | · · · · · J |

| Type | Size |
|------|------|
| All  | S4   |
|      |      |

| Frequency (Hz)     |         | 60 | 50 |
|--------------------|---------|----|----|
| Nominal Power (VA) | Inrush  | 46 | 46 |
|                    | Holding | 20 | 23 |

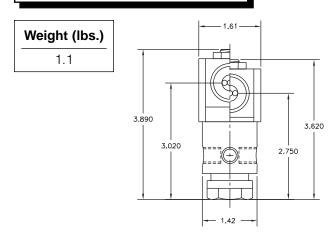


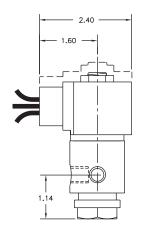
- 1/8" NPT
- Stainless Steel Body
- 3-Way Direct Acting
- Normally Open



| Materials             | Seals:                | Nitrile, Viton®, Ethylene Propylene   |  |  |  |  |  |  |
|-----------------------|-----------------------|---|--|--|--|--|--|--|
|                       | Orifices:             | Stainless Steel   |  |  |  |  |  |  |
| Electrical            | Standard Housing:     | Encapsulated Waterproof Conduit (NEMA 4/4X)   |  |  |  |  |  |  |
|                       | Optional Housings:    | Metallic Conduit, Explosion-proof (NEMA 7), Grommet, Open Frame, Junction Box (single or dual knockouts), DIN; Contact GC Valves Customer Service for others. |  |  |  |  |  |  |
|                       | Standard Voltages:    | 24, 120, 240 AC 60 Hz; 50 Hz available 6, 12, 24 DC; Contact GC Valves Customer Service for Additional Voltages.  |  |  |  |  |  |  |
|                       | Voltage Tolerance:    | ±10% of applicable voltage  |  |  |  |  |  |  |
|                       | Coil Classes:         | F, H, N   |  |  |  |  |  |  |
|                       | Standard Lead Length: | 24 inch   |  |  |  |  |  |  |
| Operating Temperature | Ambient (Nominal):    | 32°F to 125°F   |  |  |  |  |  |  |
| Mounting              | Position              | Any   |  |  |  |  |  |  |
| Approvals*            | Agency                | UL Listed, UL Recognized, CSA Approved  |  |  |  |  |  |  |

<sup>\*</sup> Not available for all variations



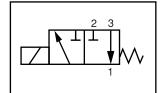


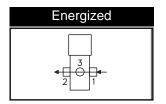
<sup>®</sup> Registered Trademark of DuPont Co.

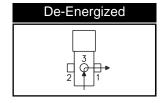


# S334 – 1/8" NPT, Stainless Steel Body, Normally Open

#### Valve Selection List







|          | e Z     |                | (       | Operati | ng Pre |      |      | ntial (p | si)    | Ġ.                 |              | Pov   | ver   | Model Code                |
|----------|---------|----------------|---------|---------|--------|------|------|----------|--------|--------------------|--------------|-------|-------|---------------------------|
| Size     | Size    |                |         |         |        | Maxi | mum  |          |        | Emil<br>Lemi       | rial         | Consu |       | ( 120V/60HZ — 110V/50HZ ) |
| Pipe (   | Orifice |                | шr      | Air/0   | Gas    | Wa   | iter | Ligh     | nt Oil | Max<br>Fluid Temp. | eal Material | (Wa   | itts) | Shown )                   |
| <u>~</u> | 0       |                | Minimum | AC      | DC     | AC   | DC   | AC       | DC     | 匝                  | a<br>N       | AC DC |       | Stainless Steel Body      |
| NPT      | IN      | C <sub>V</sub> | Σ       | AC      | ЪС     | AC   | ЪС   | AC       | ЪС     | °F                 | Se           | AC    | DC    | Stairliess Steel Body     |
| 1/8      | 1/16    | .09            | 0       | 160     | 100    | 160  | 100  | _        | -      | 295                | EPR          | 8     | 9     | S334GF02C7AC5             |
| Reduced  | 3/32    | .15            | 0       | 100     | 50     | 100  | 50   | _        | -      | 295                | EPR          | 8     | 9     | S334GF02C7AC9             |
| Power    | 1/8     | .26            | 0       | 50      | 30     | 50   | 30   | _        | -      | 295                | EPR          | 8     | 9     | S334GF02C7AD5             |
|          | 1/16    | .09            | 0       | 200     | 160    | 200  | 160  | _        | ı      | 295                | EPR          | 10    | 10    | S334GF02C8AC5             |
| 1/8      | 3/32    | .15            | 0       | 150     | 114    | 150  | 114  | -        | ı      | 295                | EPR          | 10    | 10    | S334GF02C8AC9             |
| 1/8      | 1/8     | .31            | 0       | 84      | 60     | 84   | 60   | _        | -      | 295                | EPR          | 10    | 10    | S334GF02C8AD5             |
|          | 11/64   | .38            | 0       | 45      | 24     | 45   | 24   | _        | 1      | 295                | EPR          | 10    | 10    | S334GF02C8AD8             |
| 1/8      | 1/16    | .09            | 0       | 160     | 100    | 160  | 100  | 160      | 100    | 180                | Nitrile      | 8     | 9     | S334GF02N7AC5             |
| Reduced  | 3/32    | .15            | 0       | 100     | 50     | 100  | 50   | 100      | 50     | 180                | Nitrile      | 8     | 9     | S334GF02N7AC9             |
| Power    | 1/8     | .26            | 0       | 50      | 30     | 50   | 30   | 50       | 30     | 180                | Nitrile      | 8     | 9     | S334GF02N7AD5             |
|          | 1/16    | .09            | 0       | 200     | 160    | 200  | 160  | 200      | 160    | 180                | Nitrile      | 10    | 10    | S334GF02N8AC5             |
| 4 /0     | 3/32    | .15            | 0       | 150     | 114    | 150  | 114  | 150      | 114    | 180                | Nitrile      | 10    | 10    | S334GF02N8AC9             |
| 1/8      | 1/8     | .31            | 0       | 84      | 60     | 84   | 60   | 84       | 60     | 180                | Nitrile      | 10    | 10    | S334GF02N8AD5             |
| İ        | 11/64   | .38            | 0       | 45      | 24     | 45   | 24   | 45       | 24     | 180                | Nitrile      | 10    | 10    | S334GF02N8AD8             |
| 1/8      | 1/16    | .09            | 0       | 160     | 100    | 160  | 100  | 160      | 100    | 230                | Viton        | 8     | 9     | S334GF02V7AC5             |
| Reduced  | 3/32    | .15            | 0       | 100     | 50     | 100  | 50   | 100      | 50     | 230                | Viton        | 8     | 9     | S334GF02V7AC9             |
| Power    | 1/8     | .26            | 0       | 50      | 30     | 50   | 30   | 50       | 30     | 230                | Viton        | 8     | 9     | S334GF02V7AD5             |
|          | 1/16    | .09            | 0       | 200     | 160    | 200  | 160  | 200      | 160    | 230                | Viton        | 10    | 10    | S334GF02V8AC5             |
| 4/0      | 3/32    | .15            | 0       | 150     | 114    | 150  | 114  | 150      | 114    | 230                | Viton        | 10    | 10    | S334GF02V8AC9             |
| 1/8      | 1/8     | .31            | 0       | 84      | 60     | 84   | 60   | 84       | 60     | 230                | Viton        | 10    | 10    | S334GF02V8AD5             |
|          | 11/64   | .38            | 0       | 45      | 24     | 45   | 24   | 45       | 24     | 230                | Viton        | 10    | 10    | S334GF02V8AD8             |

<sup>\*</sup> Class H Coil Recommended for High Temperature Applications

### S334 – 1/8" NPT, Stainless Steel Body, Normally Open



# **Part Numbering**

|              |                   | 5          | 6           | 7 8      | 9                | 10  | 11                 | 12 13  |
|--------------|-------------------|------------|-------------|----------|------------------|---|--------------------|--|
| <b>S</b> 3 3 | 4                 | G          | F           | 0 2      | C                | 7   | Α                  | <b>C</b> 5                                       |
| Series       | Operating<br>Mode | Housing*   | Coil Class* | Voltage* | Seal<br>Material | Body<br>Material  | Pipe<br>Connection | Orifice Size                                     |
| S33 4:       | Open              | G: Conduit |             |          |                  | 7: Stainless<br>Steel<br>8: Stainless<br>Steel<br>ations and op | A: 1/8" NPT        | C5: 1/16"<br>C9: 3/32"<br>D5: 1/8"<br>D8: 11/64" |

| <b>~</b> | _    |       |
|----------|------|-------|
| Coil     | ⊢an  | ∩ılv  |
| 0011     | ı an | 111 9 |

| Type        | Size |
|-------------|------|
| (Body Code) |      |
| 7           | S3   |
| 8           | S4   |
|             |      |

| Frequency (Hz)     |         | 6  | 0  | 5  | 0  |
|--------------------|---------|----|----|----|----|
|                    | Body    | 7  | 8  | 7  | 8  |
| Nominal Power (VA) | Inrush  | 36 | 46 | 36 | 46 |
|                    | Holding | 13 | 18 | 14 | 19 |