

The Parker Low Pressure Ball Valve Product Line serves in applications ranging from 600 to 2,000 PSI.



Features

- ☐ *Packing Nut Stem*
- ☐ *PTFE Seals*
- ☐ *Full Optimum Flow*
- ☐ *Blow Out Proof Stem*
- ☐ *Brass, Carbon Steel, and Stainless Steel Bodies*

Advantages

- ☐ *Seals leak by tightening*
- ☐ *High resistance to corrosion*
- ☐ *Maximum system efficiency*
- ☐ *Safety and reliability*
- ☐ *One ball valve source*



General Description

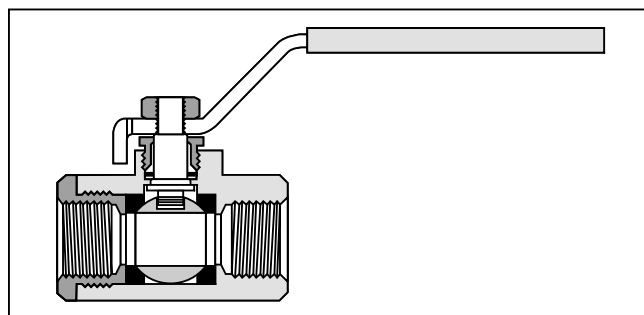
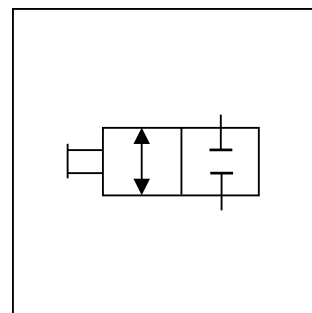
Series 500 low pressure ball valves provide total shut-off capability for services up to 41 Bar (600 PSI). Series 500 consists of NPT female/female ports, Series 510 and 501 are male/female in SAE and NPT respectively, and Series 506 are female/female in SAE. Series 502 features panel mounting capability.

Operation

A quarter turn of the handle is on or off. Ball valves are not intended for use as a throttling valve. Attempting to use it in these applications may result in premature seal failure and/or inability to turn the valve handle.

Features

- Ball valve bodies are machined from high quality CA377 forgings which provide extended service life and resist failure caused by severe temperature conditions.
- Highly inert PTFE seats and seals provide resistance to chemical corrosion.
- Blowout proof stem design, chrome plated brass ball and a special design handle enable increased turn and leverage for ease of opening and closing.
- Padlocking handle option provides lock-out capability where required.
- Venting option relieves downstream pressure in pneumatic applications.



Specifications

| | |
|-------------------------|--|
| Maximum Pressure | 41 Bar (600 PSI) |
| Vented Up To | 17 Bar (250 PSI) |
| Working Pressure | Saturated steam 10 Bar (150 PSI) and 204°C (400°F) Vacuum 29 in. Hg |

Ordering Information

Style

| Code | Type |
|--------|---------------------------------|
| V | Valve |
| VP * | Valve, Padlocking Handle |
| VV ** | Valve, Vented |
| VVP ** | Valve Vented, Padlocking Handle |

* Only available up to #16 SAE in Series 506.
** Not available in Series 506.

Type

| Code | Type |
|------|--|
| 500 | Female/Female NPT Ports |
| 501 | Male/Female NPT Ports |
| 502 | Female/Female NPT Ports Panel Mount |
| 506 | Female/Female Straight Thread O-ring Ports |
| 510 | Male/Female Straight Thread O-ring Ports |

Material

| Code | Type |
|------|-------|
| P | Brass |

Size

| Code | Size |
|------|------------|
| 4 | 1/4" NPT |
| 6 | 3/8" NPT |
| 8 | 1/2" NPT |
| 12 | 3/4" NPT |
| 16 | 1" NPT |
| 20* | 1 1/4" NPT |
| 24* | 1 1/2" NPT |
| 32* | 2" NPT |

* Available only in 500 Type

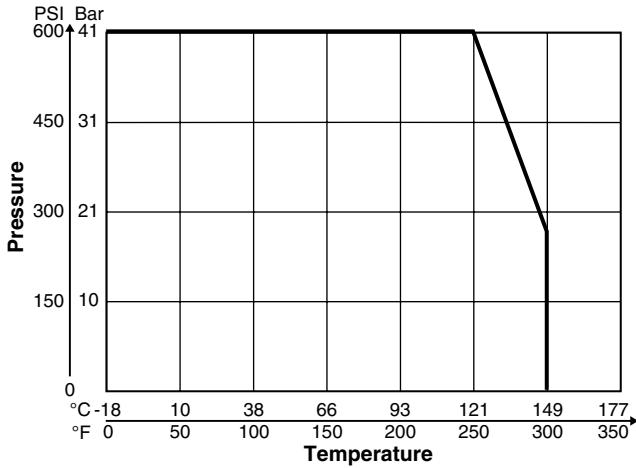
Options

| Code | Type |
|------|--|
| 01 | Stainless Steel Ball & Stem (-4 to -16) |
| 02 | Stainless Steel Handle & Nut |
| 03 | Stainless Steel Ball, Stem, Handle & Nut (-4 to -16) |

Design Series

NOTE: Not required when ordering.

Performance Curve

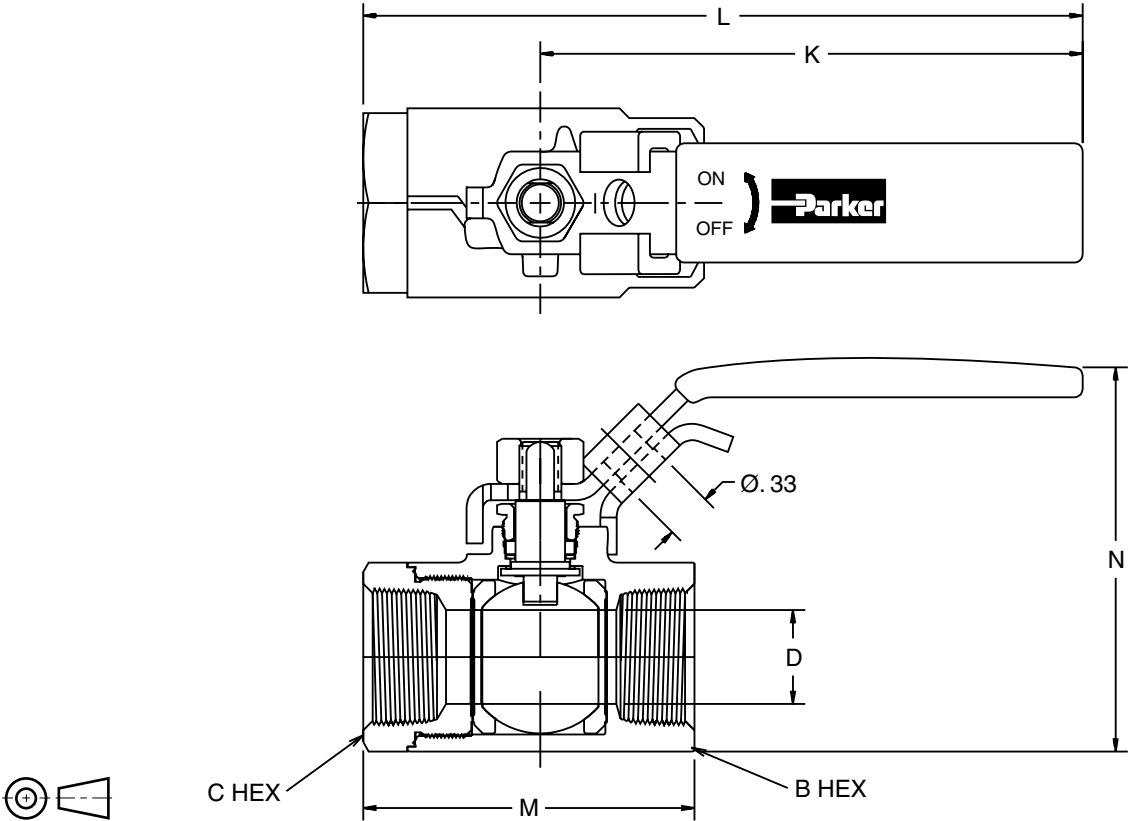


Flow Data

| Type 500, 502 | | Type 510 | | Type 501 | | Type 506 | |
|---------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| Valve Size | C _v | Valve Size | C _v | Valve Size | C _v | Valve Size | C _v |
| 1/4" | 4.0 | #4 | 0.8 | 1/4" | 6.3 | #4 | 4.0 |
| 3/8" | 5.8 | #6 | 2.1 | 3/8" | 5.7 | #6 | 5.8 |
| 1/2" | 12.0 | #8 | 5.3 | 1/2" | 10.0 | #8 | 12.0 |
| 3/4" | 35.0 | #12 | 13.0 | 3/4" | 25.0 | #12 | 25.0 |
| 1" | 54.0 | #16 | 33.0 | 1" | 35.0 | #16 | 35.0 |
| 1-1/4" | 57.0 | — | — | — | — | #20 | 57.0 |
| 1-1/2" | 92.0 | — | — | — | — | #24 | 92.0 |
| 2" | 224.0 | — | — | — | — | #32 | 224.0 |



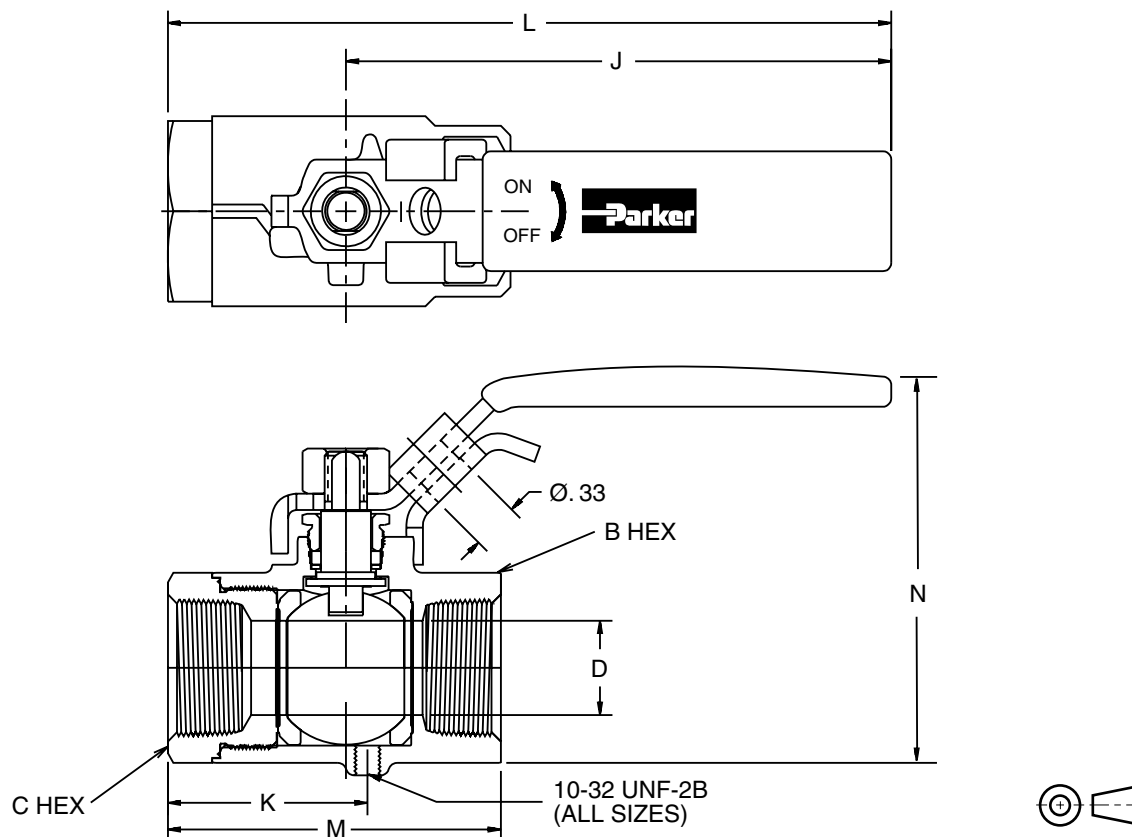
Model V500P and VP500P



| Part Number | Pipe Thread (PTF) | B Hex | C Hex | Dimensions mm (in) | | | | D Flow Ø |
|---|-------------------|---------|---------|--------------------|--------------|-------------|-------------|-------------|
| | | | | K | L | M | N | |
| Female-Female Pipe Ends V500P | | | | | | | | |
| V500P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| V500P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| V500P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| V500P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| V500P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |
| Locking Handle, Female Pipe Ends VP500P (Shown above) | | | | | | | | |
| VP500P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VP500P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VP500P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| VP500P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| VP500P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |

Locking handle parts: For use with 5/16" Ø shank lock; 33Ø

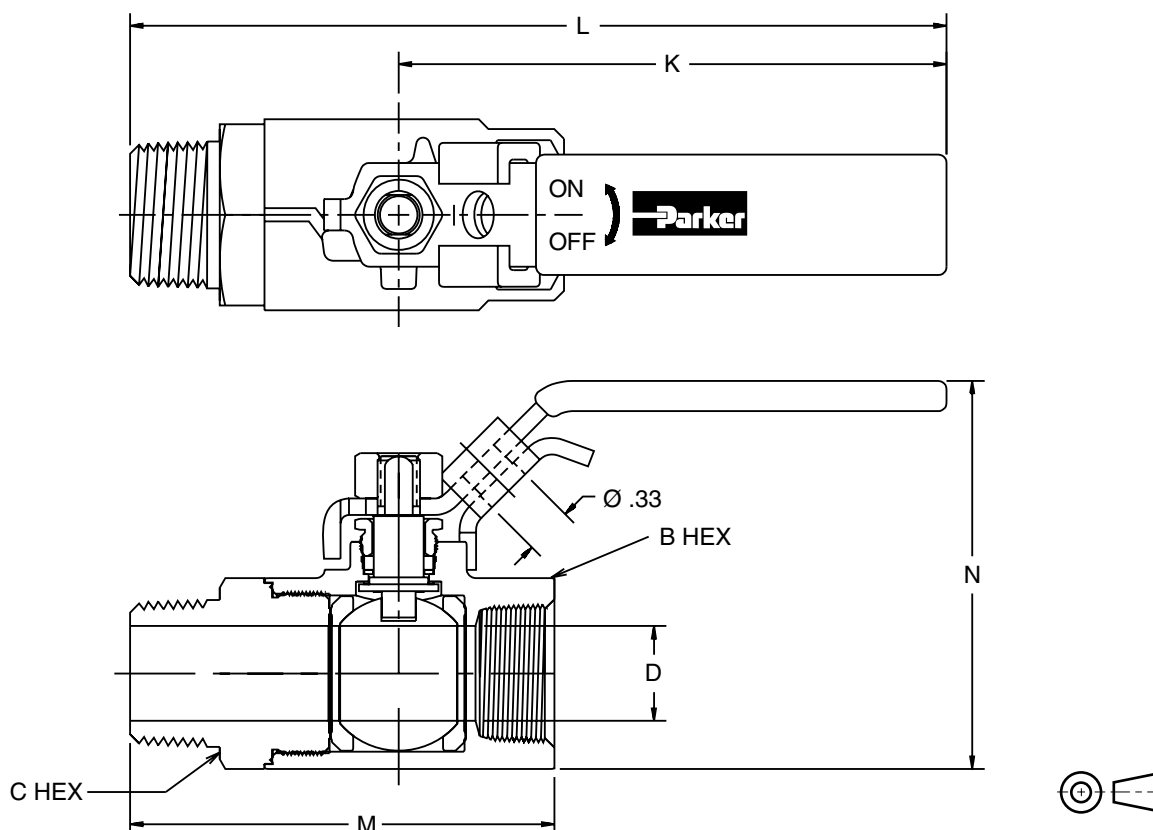
Model VV500P and VVP500P



| Part Number | Pipe Thread | B Hex | C Hex | Dimensions mm (in) | | | | | D Flow Ø |
|--|----------------|----------|----------|--------------------|----------------|-----------------|----------------|----------------|----------------|
| | | | | J | K | L | M | N | |
| Vented, Female Pipe Ends VV500P | | | | | | | | | |
| VV500P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VV500P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VV500P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 31.2 (1.23) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| VV500P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 36.8 (1.45) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| VV500P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 40.1 (1.58) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |
| OSHA 29 CFR Part 1910 Vented, Locking Handle, Female Pipe Ends VVP500P (Shown above) | | | | | | | | | |
| VVP500P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VVP500P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VVP500P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 31.2 (1.23) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| VVP500P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 36.8 (1.45) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| VVP500P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 40.1 (1.58) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |

Locking handle parts: For use with 5/16" Ø shank lock

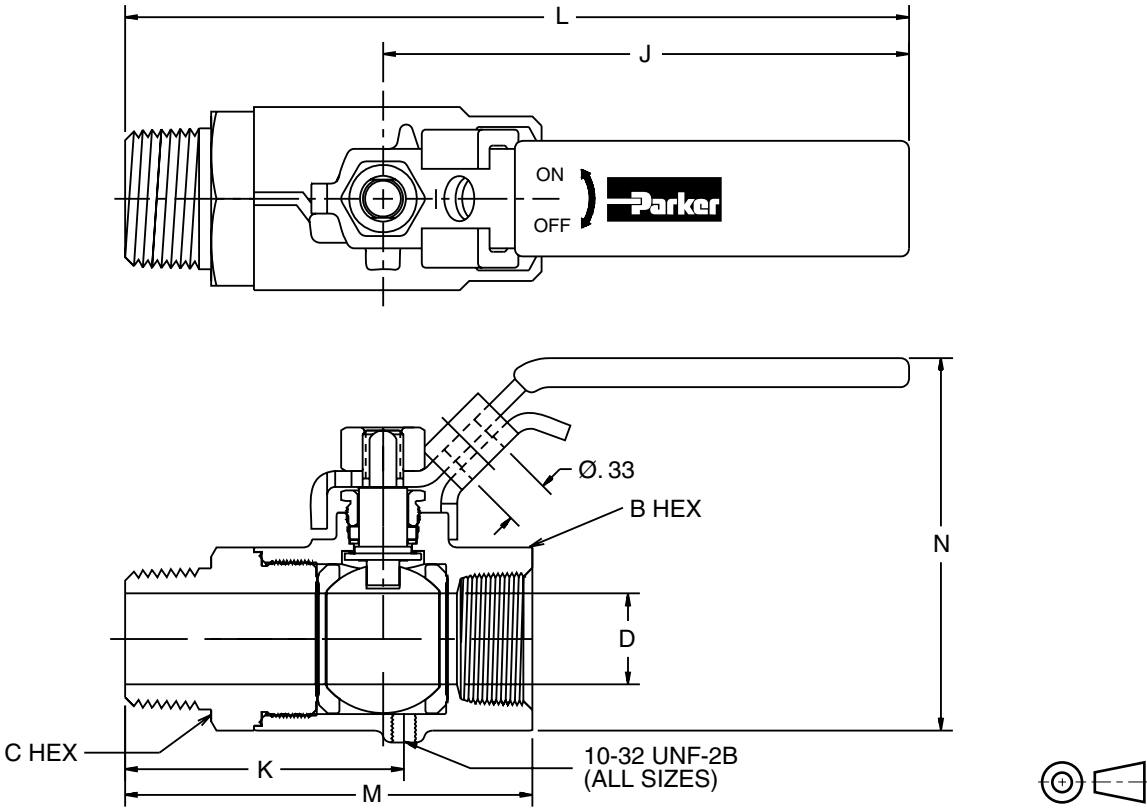
Model V501P and VP501P



| Part Number | Pipe Thread | B Hex | C Hex | Dimensions mm (in) | | | | D Flow Ø |
|--|----------------|----------|----------|--------------------|-----------------|----------------|----------------|----------------|
| | | | | K | L | M | N | |
| Male-Female Pipe Ends V501P | | | | | | | | |
| V501P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 8.7 (.344) |
| V501P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 9.5 (.375) |
| V501P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 146.1 (5.75) | 74.9 (2.95) | 65.5 (2.58) | 12.7 (.500) |
| V501P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 148.1 (5.83) | 76.2 (3.00) | 71.4 (2.81) | 17.4 (.685) |
| V501P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 157.2 (6.19) | 91.4 (3.60) | 78.2 (3.08) | 22.2 (.875) |
| Locking Handle, Male-Female Pipe Ends VP501P (Shown above) | | | | | | | | |
| VP501P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 8.7 (.344) |
| VP501P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 9.5 (.375) |
| VP501P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 146.1 (5.75) | 74.9 (2.95) | 65.5 (2.58) | 12.7 (.500) |
| VP501P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 148.1 (5.83) | 76.2 (3.00) | 71.4 (2.81) | 17.4 (.685) |
| VP501P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 157.2 (6.19) | 91.4 (3.60) | 78.2 (3.08) | 22.2 (.875) |

Locking handle parts: For use with 5/16" Ø shank lock

Model VV501P and VVP501P

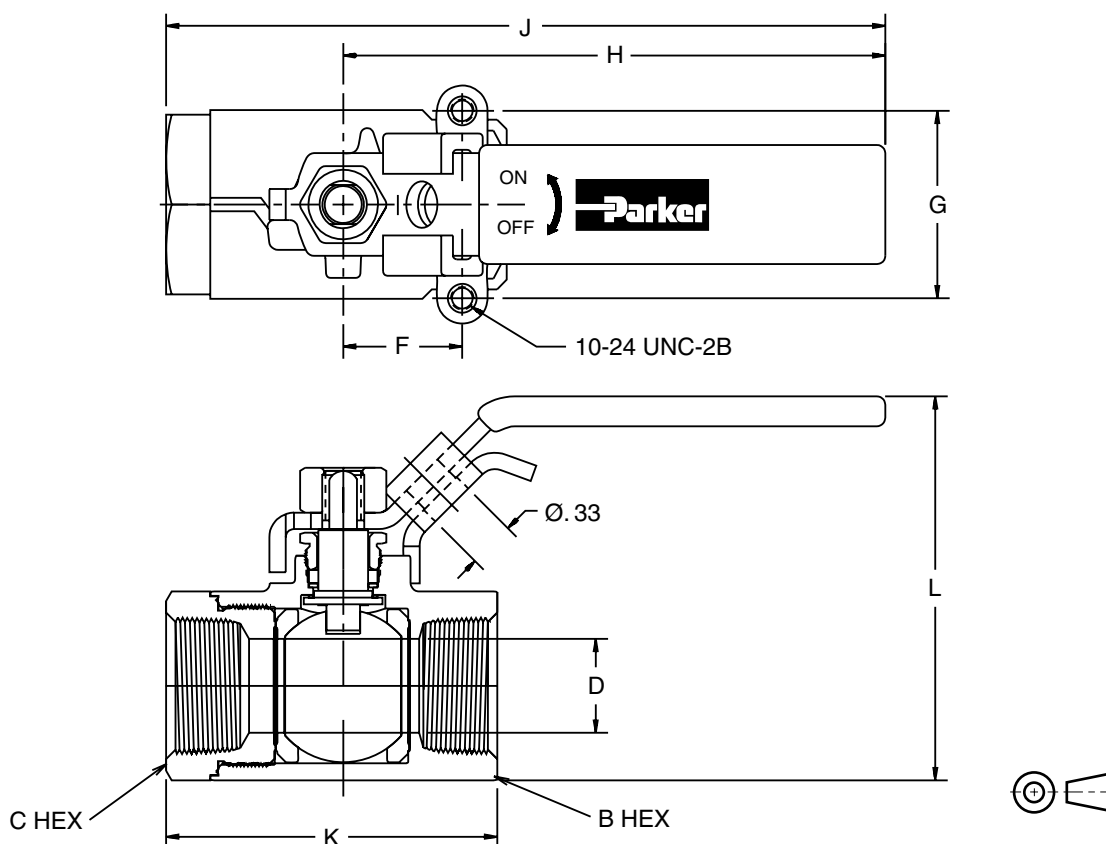


| Part Number | Pipe Thread (PTF) | B Hex | C Hex | Dimensions mm (in) | | | | | D Flow Ø |
|--|----------------------|----------|----------|--------------------|----------------|-----------------|----------------|----------------|----------------|
| | | | | J | K | L | M | N | |
| Vented, Male-Female Pipe Ends VV501P | | | | | | | | | |
| VV501P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 42.4 (1.67) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 8.7 (.344) |
| VV501P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 42.4 (1.67) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 9.5 (.375) |
| VV501P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 50.3 (1.98) | 146.1 (5.75) | 74.9 (2.95) | 65.5 (2.58) | 12.7 (.500) |
| VV501P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 51.6 (2.03) | 148.1 (5.83) | 76.2 (3.00) | 71.4 (2.81) | 17.4 (.685) |
| VV501P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 61.7 (2.43) | 157.2 (6.19) | 91.4 (3.60) | 78.2 (3.08) | 22.2 (.875) |
| OSHA 29 CFR Part 1910 Vented, Locking Handle, Male-Female Pipe Ends VVP501P (Shown above) | | | | | | | | | |
| VVP501P4 | 1/4" | 15/16" | 15/16" | 100.6 (3.96) | 42.4 (1.67) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 8.7 (.344) |
| VVP501P6 | 3/8" | 15/16" | 15/16" | 100.6 (3.96) | 42.4 (1.67) | 138.7 (5.46) | 65.8 (2.59) | 62.7 (2.47) | 9.5 (.375) |
| VVP501P8 | 1/2" | 1-1/16" | 1-1/16" | 100.6 (3.96) | 50.3 (1.98) | 146.1 (5.75) | 74.9 (2.95) | 65.5 (2.58) | 12.7 (.500) |
| VVP501P12 | 3/4" | 1-1/4" | 1-5/16" | 100.6 (3.96) | 51.6 (2.03) | 148.1 (5.83) | 76.2 (3.00) | 71.4 (2.81) | 17.4 (.685) |
| VVP501P16 | 1" | 1-1/2" | 1-9/16" | 100.6 (3.96) | 61.7 (2.43) | 157.2 (6.19) | 91.4 (3.60) | 78.2 (3.08) | 22.2 (.875) |

Locking handle parts: For use with 5/16" Ø shank lock



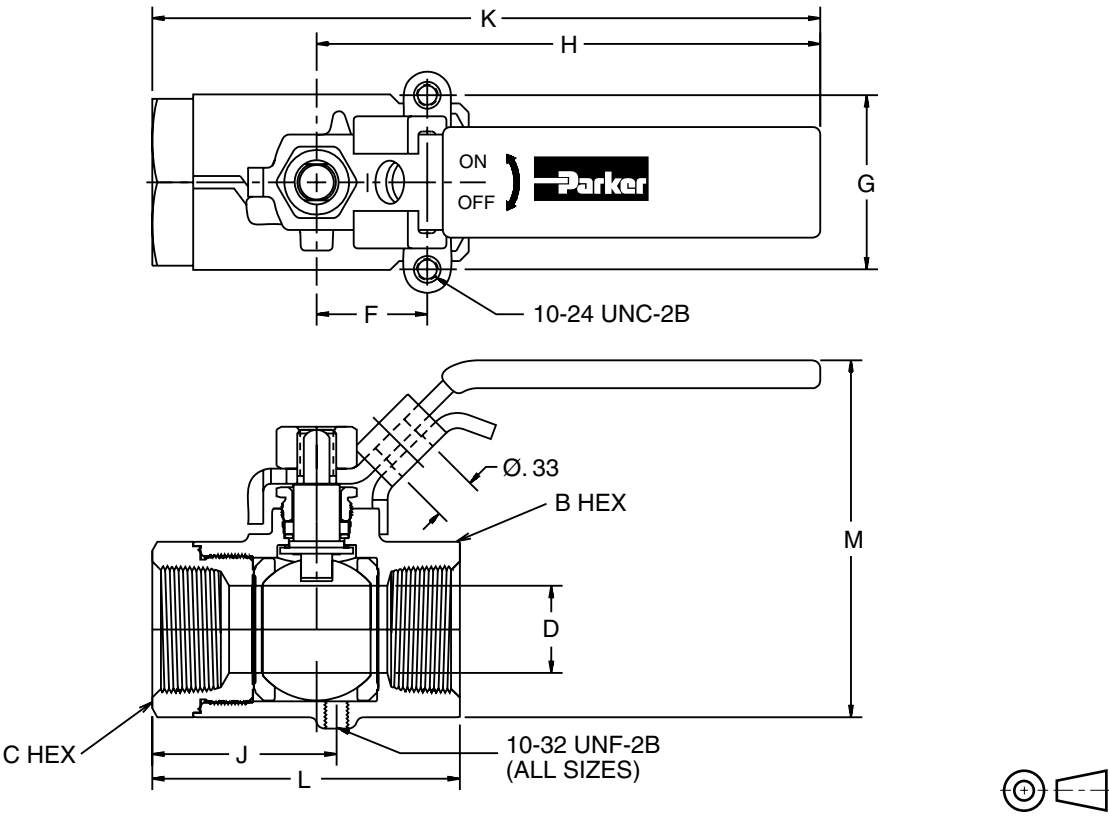
Model V502P and VP502P



| Part Number | Size | B Hex | C Hex | Dimensions mm (in) | | | | | | D Flow Ø |
|--|------|---------|---------|--------------------|----------------|-----------------|-----------------|----------------|----------------|----------------|
| | | | | F | G | H | J | K | L | |
| Female-Female Pipe Ends, Panel Mount V502P | | | | | | | | | | |
| V502P4 | 1/4" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| V502P6 | 3/8" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| V502P8 | 1/2" | 1-1/16" | 1-1/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| V502P12 | 3/4" | 1-1/4" | 1-5/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| V502P16 | 1" | 1-1/2" | 1-9/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |
| Locking Handle, Female Pipe Ends, Panel Mount VP502P (Shown above) | | | | | | | | | | |
| VP502P4 | 1/4" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VP502P6 | 3/8" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VP502P8 | 1/2" | 1-1/16" | 1-1/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| VP502P12 | 3/4" | 1-1/4" | 1-5/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| VP502P16 | 1" | 1-1/2" | 1-9/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |

Locking handle parts: For use with 5/16" Ø shank lock

Model VV502P and VVP502P

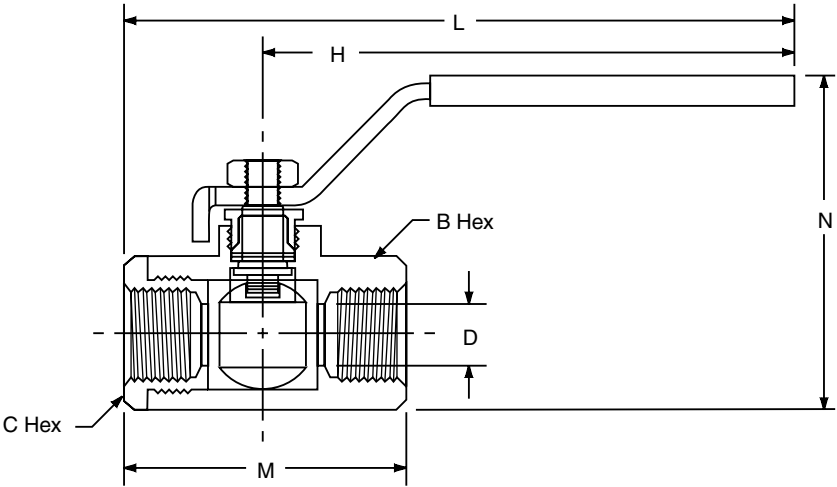


| Part Number | Pipe Thread | B Hex | C Hex | Dimensions mm (in) | | | | | | | D Flow Ø |
|--|----------------|----------|----------|--------------------|----------------|-----------------|----------------|-----------------|----------------|----------------|----------------|
| | | | | F | G | H | J | K | L | M | |
| Vented, Female-Female Pipe Ends, Panel Mount VV502P | | | | | | | | | | | |
| VV502P4 | 1/4" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VV502P6 | 3/8" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VV502P8 | 1/2" | 1-1/16" | 1-1/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 31.2 (1.23) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| VV502P12 | 3/4" | 1-1/4" | 1-5/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 36.8 (1.45) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| VV502P16 | 1" | 1-1/2" | 1-9/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 40.1 (1.58) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |
| OSHA 29 CFR Part 1910 Vented, Locking Handle, Female Pipe Ends, Panel Mount VVP502P (Shown above) | | | | | | | | | | | |
| VVP502P4 | 1/4" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VVP502P6 | 3/8" | 15/16" | 15/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 28.2 (1.11) | 124.5 (4.90) | 51.6 (2.03) | 62.7 (2.47) | 9.5 (.375) |
| VVP502P8 | 1/2" | 1-1/16" | 1-1/16" | 12.7 (0.50) | 28.4 (1.12) | 100.6 (3.96) | 31.2 (1.23) | 127.0 (5.00) | 55.9 (2.20) | 65.5 (2.58) | 12.7 (.500) |
| VVP502P12 | 3/4" | 1-1/4" | 1-5/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 36.8 (1.45) | 133.4 (5.25) | 61.5 (2.42) | 71.4 (2.81) | 17.4 (.685) |
| VVP502P16 | 1" | 1-1/2" | 1-9/16" | 22.1 (0.87) | 34.8 (1.37) | 100.6 (3.96) | 40.1 (1.58) | 135.6 (5.34) | 69.9 (2.75) | 78.2 (3.08) | 22.2 (.875) |

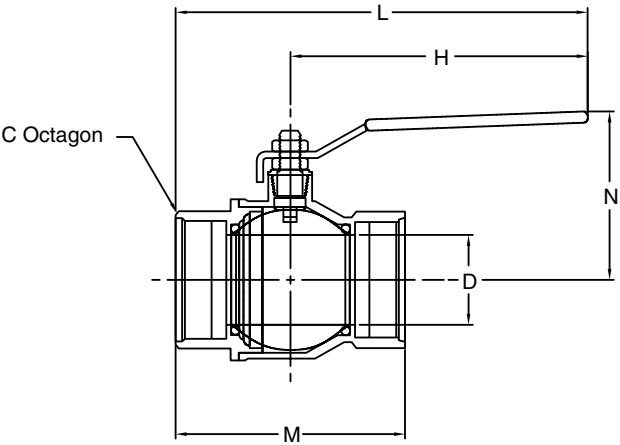
Locking handle parts: For use with 5/16" Ø shank lock



Model V506P



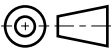
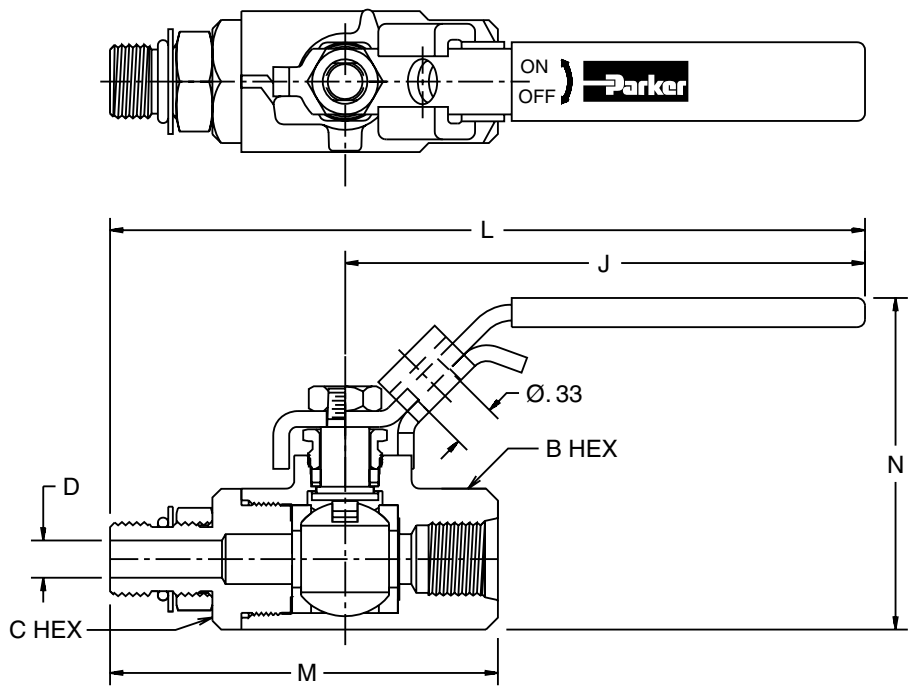
| Part Number | Straight Thread | B Hex | C Hex | Dimensions mm (in) | | | | D Flow Ø |
|--|-----------------|---------|---------|--------------------|-----------------|----------------|----------------|----------------|
| | | | | H | L | M | N | |
| Female/Female, Straight Thread O-Ring Port V506P | | | | | | | | |
| V506P4 | 7/16-20 | 15/16" | 15/16" | 100.6 (3.96) | 127.3 (5.01) | 55.9 (2.20) | 62.7 (2.47) | 9.5 (.375) |
| V506P6 | 9/16-18 | 15/16" | 15/16" | 100.6 (3.96) | 128.8 (5.07) | 57.4 (2.26) | 62.7 (2.47) | 9.5 (.375) |
| V506P8 | 3/4-16 | 1 1/16" | 1 1/16" | 100.6 (3.96) | 131.6 (5.18) | 61.5 (2.42) | 66.0 (2.60) | 12.7 (.500) |
| V506P12 | 1 1/16-12 | 1 1/4" | 1 5/16" | 100.6 (3.96) | 149.1 (5.87) | 87.9 (3.46) | 71.4 (2.81) | 17.4 (.685) |
| V506P16 | 1 5/16-12 | 1 1/2" | 1 9/16" | 100.6 (3.96) | 151.4 (5.96) | 93.5 (3.68) | 78.2 (3.08) | 22.2 (.875) |



| Part Number | Straight Thread | B Hex | C Hex | Dimensions mm (in) | | | | D Flow Ø |
|--|-----------------|----------------|----------------|--------------------|-----------------|-----------------|----------------|----------------|
| | | | | H | L | M | N | |
| Female/Female, Straight Thread O-Ring Port V506P | | | | | | | | |
| V506P20 | 1 5/8-12 | 49.0 (1.93) | 49.0 (1.93) | 158.0 (6.22) | 204.5 (8.05) | 93.0 (3.66) | 76.5 (3.01) | 30.0 (1.18) |
| V506P24 | 1 7/8-12 | 54.1 (2.13) | 54.1 (2.13) | 158.0 (6.22) | 209.0 (8.23) | 102.1 (4.02) | 82.6 (3.25) | 38.1 (1.50) |
| V506P32 | 2 1/2-12 | 72.4 (2.85) | 72.4 (2.85) | 158.0 (6.22) | 218.4 (8.60) | 120.9 (4.76) | 89.4 (3.52) | 48.0 (1.89) |

2502-K1.p65, dd

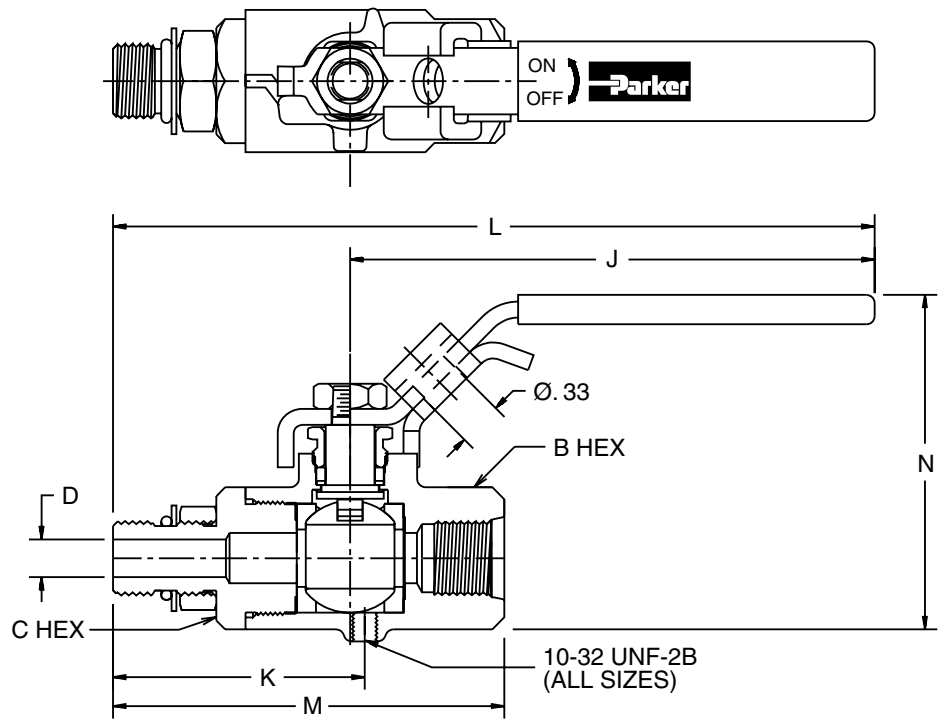
Model V510P and VP510P



| Part Number | Straight Thread | B Hex | C He | Dimensions mm (in) | | | | D Flow Ø |
|--|-----------------|---------|---------|--------------------|-----------------|-----------------|----------------|----------------|
| | | | | K | L | M | N | |
| Male-Female, Straight Thread O-Ring Port V510P | | | | | | | | |
| V510P4 | 7/16-20 | 15/16" | 15/16" | 100.6 (3.96) | 142.5 (5.61) | 72.4 (2.85) | 62.7 (2.47) | 4.8 (.188) |
| V510P6 | 9/16-18 | 15/16" | 15/16" | 100.6 (3.96) | 144.3 (5.68) | 74.2 (2.92) | 62.7 (2.47) | 7.1 (.281) |
| V510P8 | 3/4-16 | 1-1/16" | 1-1/16" | 100.6 (3.96) | 149.4 (5.88) | 80.5 (3.17) | 65.5 (2.58) | 10.7 (.422) |
| V510P12 | 1-1/16-12 | 1-1/4" | 1-5/16" | 100.6 (3.96) | 163.6 (6.44) | 102.4 (4.03) | 71.4 (2.81) | 16.7 (.656) |
| V510P16 | 1-5/16-12 | 1-1/2" | 1-9/16" | 100.6 (3.96) | 166.6 (6.56) | 108.7 (4.28) | 78.2 (3.08) | 22.2 (.875) |
| Locking Handle, Straight Thread O-Ring Port VP510P (Shown above) | | | | | | | | |
| VP510P4 | 7/16-20 | 15/16" | 15/16" | 100.6 (3.96) | 142.5 (5.61) | 72.4 (2.85) | 62.7 (2.47) | 4.8 (.188) |
| VP510P6 | 9/16-18 | 15/16" | 15/16" | 100.6 (3.96) | 144.3 (5.68) | 74.2 (2.92) | 62.7 (2.47) | 7.1 (.281) |
| VP510P8 | 3/4-16 | 1-1/16" | 1-1/16" | 100.6 (3.96) | 149.4 (5.88) | 80.5 (3.17) | 65.5 (2.58) | 10.7 (.422) |



Model VV510P and VVP510P



| Part Number | Straight Thread | B Hex | C Hex | Dimensions mm (in) | | | | | D Flow Ø |
|---|--------------------|----------|----------|--------------------|----------------|-----------------|-----------------|----------------|----------------|
| | | | | J | K | L | M | N | |
| Vented, Straight Thread O-Ring Port VV510P | | | | | | | | | |
| VV510P4 | 7/16-20 | 15/16" | 15/16" | 100.6 (3.96) | 46.2 (1.82) | 142.5 (5.61) | 72.4 (2.85) | 62.7 (2.47) | 4.8 (.188) |
| VV510P6 | 9/16-18 | 15/16" | 15/16" | 100.6 (3.96) | 48.0 (1.89) | 144.3 (5.68) | 74.2 (2.92) | 62.7 (2.47) | 7.1 (.281) |
| VV510P8 | 3/4-16 | 1-1/16" | 1-1/16" | 100.6 (3.96) | 53.8 (2.12) | 149.4 (5.88) | 80.5 (3.17) | 65.5 (2.58) | 10.7 (.422) |
| VV510P12 | 1-1/16-12 | 1-1/4" | 1-5/16" | 100.6 (3.96) | 67.1 (2.64) | 163.6 (6.44) | 102.4 (4.03) | 71.4 (2.81) | 16.7 (.656) |
| OSHA 29 CFR Part 1910 | | | | | | | | | |
| Vented, Locking Handle, Male-Female, Straight Thread O-Ring Port VV510P (Shown above) | | | | | | | | | |
| VVP510P4 | 7/16-20 | 15/16" | 15/16" | 100.6 (3.96) | 46.2 (1.82) | 142.5 (5.61) | 72.4 (2.85) | 62.7 (2.47) | 4.8 (.188) |
| VVP510P6 | 9/16-18 | 15/16" | 15/16" | 100.6 (3.96) | 48.0 (1.89) | 144.3 (5.68) | 74.2 (2.92) | 62.7 (2.47) | 7.1 (.281) |
| VVP510P8 | 3/4-16 | 1-1/16" | 1-1/16" | 100.6 (3.96) | 53.8 (2.12) | 149.4 (5.88) | 80.5 (3.17) | 65.5 (2.58) | 10.7 (.422) |

K