

# Product Search

## Selection Guide

### INTRODUCTION

This guide is organized by product type, then pressures from highest to lowest, including flows and other notes that may help aid with your search. Click on the product series to take you to that product page for more information. If you don't see what you need or are unsure of your selection, please contact your [local TESCO M representative](#) or contact [TESCOM direct](#).

To start your search, click on one of the product types below:

**Pressure Reducing Regulators**

**Backpressure Regulators**

**Valves**

# Pressure Reducing Selection Guide

Click on Series ▼

INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
20,000 psig / 1379 bar 15,000 psig / 1034 bar	20,000 psig / 1379 bar 15,000 psig / 1034 bar	0.06, 0.12	Spring	Piston	Water-based media 20,000 psig / 1379 bar model available Oil and Gas hydraulics	50-2200
10,000 psig / 690 bar 5000 psig / 345 bar (Aluminum)	450 psig / 31.0 bar	0.50	Spring Only	Piston	H <sub>2</sub> onboard vehicle	20-1200
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	10,000 psig / 690 bar	0.02, 0.06, 0.12, 0.30	Spring, Dome, Air, Dome / Spring Biased	Piston	Versatile 20,000 psig / 1379 bar model available	26-1000
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	10,000 psig / 690 bar	0.46, 1.3	Dome Only	Diaphragm	High flow, high pressure	26-1100
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	10,000 psig / 690 bar	0.02, 0.06, 0.12, 0.30	Spring, Dome, Air, Dome / Spring Biased	Piston	Segregated and captured vent Commonly used with ER3000 20,000 psig / 1379 bar model available	26-2000
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	6000 psig / 414 bar	0.02, 0.06, 0.12	Spring, Air	Piston	Economical, versatile	44-1100
10,000 psig / 690 bar	10,000 psig / 690 bar	0.02, 0.06, 0.12, 0.30	Spring, Dome, Air, Dome / Spring Biased	Piston	Water-based media 20,000 psig / 1379 bar model available Oil and Gas hydraulics	50-2000

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
10,000 psig / 690 bar	10,000 psig / 690 bar	0.06	Spring, Dome, Air, Dome / Spring Biased	Piston	Oil-based media Oil and Gas hydraulics	54-2000
8000 psig / 552 bar	6000 psig / 414 bar	2.0	Spring, Dome, Air, Dome / Spring Biased	Piston	High flow Hydraulic only	54-2200
6000 psig / 414 bar	6000 psig / 414 bar	3.3, 6.0, 12.0	Dome Only	Diaphragm	High flow, high pressure	26-1200
6000 psig / 414 bar	250 psig / 17.2 bar	0.08, 0.24	Spring, Dome, Air	Diaphragm	Sensitive Non-venting	26-1500
6000 psig / 414 bar	500 psig / 34.5 bar	0.08, 0.24	Spring, Dome, Dome / Spring Biased	Diaphragm	Sensitive Venting	26-1600
6000 psig / 414 bar	400 psig / 27.6 bar (600 psig / 41.4 bar Dome and Air)	0.30	Spring, Dome, Air	Piston	Segregated and captured vent	44-1500
6000 psig / 414 bar	2500 psig / 172 bar	0.02, 0.06, 0.24	Spring, Air, Dome / Spring Biased	Piston	Economical	44-1800

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
6000 psig / 414 bar	1500 psig / 103 bar	0.70, 2.0	Dome/ Spring Biased, Air	Piston	Differential pressure control Commonly used with ER3000	<a href="#">44-4000</a>
6000 psig / 414 bar	5000 psig / 345 bar	0.80, 2.0	Dome Only	Piston	High flow, high pressure	<a href="#">44-4200</a>
6000 psig / 414 bar	500 psig / 34.5 bar	0.02	Spring Only	Diaphragm	Vaporizing, Steam, Electric	<a href="#">44-5800</a>
6000 psig / 414 bar 4500 psig / 310 bar (Brass)	5000 psig / 345 bar	0.80, 2.0	Spring Only	Piston	High flow, high pressure	<a href="#">44-7400</a>
6000 psig / 414 bar	1800 psig / 124 bar	0.06, 0.15	Spring	Piston	Compact design	<a href="#">BB-1</a>
6000 psig / 414 bar	600 psig / 41.4 bar	0.02	Spring Only	-	In-line Miniature	<a href="#">BE</a>
6000 psig / 414 bar	0-1500 psig / 0-103 bar 0-2500 psig / 0-172 bar	0.06	Spring	Piston	Laboratory Point-of-Use High outlet pressure Venting option	<a href="#">High Pressure Point-of-Use</a>

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
5000 psig / 345 bar	5000 psig / 345 bar	8.0	Dome, Air	Piston	High flow Hydraulic only	<a href="#">54-2800</a>
4500 psig / 310 bar 3000 psig / 206 bar	250 psig / 17 bar	0.06 0.20	Spring Only	Diaphragm	Single-stage, low flow	<a href="#">SG1</a>
4500 psig / 310 bar	250 psig / 17 bar	0.06	Spring only	Diaphragm	Two-stage, low flow	<a href="#">SG2</a>
4500 psig / 310 bar	250 psig / 17 bar	1.0	Spring only	Diaphragm	Single-stage, high flow	<a href="#">SG3</a>
4500 psig / 310 bar 3750 psig / 259 bar (Brass)	1500 psig / 103 bar	0.80, 2.0	Spring, Air	Piston	High pressure, high flow	<a href="#">44-1300</a>
4500 psig / 310 bar	28 inch-Hg - 350 psig / 948 mbar - 24.1 bar	0.02, 0.06, 0.24	Spring, Dome	Diaphragm	Sub-atmospheric	<a href="#">DA</a>
4350 psig / 300 bar DIN477-5; 2900 psig / 200 bar DIN477-1	4350 psig / 300 bar	0.06	Spring Only	Piston	Assembled with cylinder connection, gauges and relief valve	<a href="#">44-1100 Mod 834</a>

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
4350 psig / 300 bar, 2900 psig / 200 bar	290 psig / 20.0 bar	0.06	Spring Only	Diaphragm	Laboratory - general purpose Cylinder regulator 1-stage / 2-stage With or without flowmeters	<b>WEGA 1 and 2</b>
3625 psig / 250 bar	580 psig / 40.0 bar	1.4	Spring Only	Diaphragm	Starting ship diesel engines Very high flow	<b>Uranus</b>
3600 psig / 248 bar	150 psig / 10.3 bar	0.8	Spring Only	Piston	Constructed for onboard compressed natural gas (CNG) in trucks and buses	<b>20-1100</b>
3500 psig / 241 bar	100 psig / 6.9 bar	0.02, 0.06, 0.15, 0.24	Spring Only	Diaphragm	Compact Lecture bottles	<b>04</b>
3500 psig / 241 bar	320 psig / 22.1 bar	0.50	Spring Only	Piston	Onboard CNG vehicle	<b>20-1000</b>
3500 psig / 241 bar	500 psig / 34.5 bar	0.02, 0.06, 0.15, 0.24	Spring, Dome, Dome/Spring Biased	Diaphragm	Versatile	<b>44-2200</b>
3500 psig / 241 bar	150 psig / 10.3 bar	0.02, 0.06, 0.15, 0.24	Spring, Dome, Dome/Spring Biased	Diaphragm	Sensitive	<b>44-2600</b>

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
3500 psig / 241 bar	250 psig / 17.2 bar	0.02, 0.06, 0.15, 0.24	Spring Only	Diaphragm	Two-stage	<a href="#">44-3400</a>
3500 psig / 241 bar	28 inch-Hg - 100 psig / 948 mbar - 6.9 bar	0.02, 0.06, 0.15, 0.24	Spring, Dome	Diaphragm	Sub-atmospheric	<a href="#">44-5000</a>
3500 psig / 241 bar	600 psig / 41.4 bar	0.02, 0.06, 0.15, 0.24	Spring, Dome, Air, Dome/ Spring Biased	Piston	Economical	<a href="#">44-5200</a>
3500 psig / 241 bar	250 psig / 17.2 bar	0.06, 0.15	Spring	Diaphragm	Low flow 1/4" Point-of-Use	<a href="#">64-2600</a>
3500 psig / 241 bar	150 psig / 10.3 bar	0.06, 0.15	Spring	Diaphragm	Low flow 1/4" Gas Cabinet	<a href="#">64-2800</a>
3500 psig / 241 bar	150 psig / 10.3 bar	0.06, 0.15	Spring	Diaphragm	Two-stage	<a href="#">64-3400</a>
3500 psig / 241 bar	150 psig / 10.3 bar	0.06, 0.15	Spring	Diaphragm	Low flow 1/4" Gas Cabinet	<a href="#">64-3600</a>
3500 psig / 241 bar	100 psig / 6.9 bar	0.06, 0.15, 0.24	Spring	Diaphragm	Sub-atmospheric	<a href="#">64-5000</a>

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
3500 psig / 241 bar	150 psig / 10.3 bar	0.06, 0.15	Spring	Diaphragm	Premium Low flow 1/4" Point-of-Use	<a href="#">74-2400</a>
3500 psig / 241 bar	150 psig / 10.3 bar	0.5	Spring	Diaphragm	Premium Medium flow 1/2" Point-of-Use	<a href="#">74-3000</a>
3500 psig / 241 bar	150 psig / 10.3 bar	0.5	Spring	Diaphragm	Premium Medium flow 1/2" Point-of-Use and Gas Cabinet	<a href="#">74-3800</a>
3450 psig / 238 bar, 400 psig / 27.6 bar, 3045 psig / 210 bar, 500 psig / 34.5 bar	500 psig / 34.5 bar, 200 psig / 13.8 bar	0.06, 0.15, 1.0	Spring Only	Diaphragm	Laboratory - line regulator High Flow Adjustable	<a href="#">Line Pressure Reducer 6.0</a>
3000 psig / 207 bar	500 psig / 34.5 bar	1.0	Dome	Piston	With integral pilot	<a href="#">CP32</a>
3000 psig / 207 bar	150 psig / 10.3 bar	0.16	Spring Only	Diaphragm	Tied diaphragm	<a href="#">44-2800</a>
3000 psig / 207 bar	200 psig / 13.8 bar	1.0, 1.8	Spring, Dome, Dome/ Spring Biased	Diaphragm	Medium flow	<a href="#">44-3200</a>



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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
3000 psig / 207 bar	150 psig / 10.3 bar	0.05	Spring	Diaphragm	Two-stage Tied diaphragm	<b>PS-3400</b>
2900 psig / 200 bar	0.725-22 psig / 0.05-1.5 bar, 22-290 psig / 1.5-20.0 bar	0.2	Spring Only	Diaphragm	Laboratory Very accurate outlet pressure control Very low pressures	<b>Labo-F and Doppelregulus</b>
2900 psig / 200 bar	290 psig / 20.0 bar	0.2	Spring Only	Diaphragm	Laboratory Medium flow Very accurate pressure control	<b>Labo</b>
2900 psig / 200 bar	100 psig / 6.9 bar	0.06	Spring Only	Diaphragm	Laboratory - Stainless Steel Corrosive gases Captured bonnet Inert gas purging	<b>WEGA Corrosive Gases and Purging</b>
2900 psig / 200 bar	145 psig / 10.0 bar	0.02	Spring Only	Diaphragm	Laboratory - Cylinder version Lightweight and compact	<b>WEGA Mini</b>
1500 psig / 103 bar	150 psig / 10.3 bar	1.2	Spring	Diaphragm	High flow 1/2" Gas Cabinet (BSGS)	<b>64-3200</b>
1500 psig / 103 bar	400 psig / 27.6 bar	1.0	Spring	Diaphragm	High flow Gas Cabinet (BSGS)	<b>449-254</b>

# Pressure Reducing Selection Guide

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
1000 psig / 69.0 bar	700 psig / 48.3 bar (Dome) 600 psig / 41.4 bar (Air)	0.35	Dome, Air	Diaphragm	Commonly used with ER3000	<b>DK</b>
600 psig / 41.4 bar	150 psig / 10.3 bar	1.0, 1.2	Spring	Diaphragm	High flow 1/2" Point-of-Use	<b>64-5400</b>
600 psig / 41.4 bar	150 psig / 10.3 bar	1.0, 1.2	Spring	Diaphragm	BA Grade 1/2" Point-of-Use	<b>22-5400</b>
600 psig / 41.4 bar	150 psig / 10.3 bar	0.24	Spring	Diaphragm	BA Grade 1/4" Point-of-Use	<b>22-2200</b>
580 psig / 40.0 bar	145 psig / 10.0 bar	0.06	Spring Only	Diaphragm	Laboratory - Point-of-Use VCR® threads	<b>Ultra High Purity MiniLabo 2</b>
580 psig / 40.0 bar	580 psig / 40.0 bar	0.8, 2.0	Spring Only	Piston	Flanges according to DIN EN 1092-1	<b>44-1300F</b>
580 psig / 40.0 bar	500 psig / 34.5 bar	0.06, 0.15	Spring Only	Diaphragm	Flanges according to DIN EN 1092-1	<b>44-2200F</b>

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
580 psig / 40.0 bar	28 inch-Hg-200 psig / 948 mbar-13.8 bar	1.0, 1.8	Spring Only	Diaphragm	Flanges according to DIN EN 1092-1	<a href="#">44-3200F</a>
580 psig / 40.0 bar	500 psig / 34.5 bar	0.06, 0.15	Spring Only	Piston	Flanges according to DIN EN 1092-1	<a href="#">44-5200F</a>
580 psig / 40.0 bar	250 psig / 17.2 bar	5.0	Spring (H/W), Dome	Diaphragm	Flanges according to DIN EN 1092-1	<a href="#">DHF</a>
500 psig / 35 bar	500 psig / 35 bar	0.12	Dome / Spring biased	Diaphragm	Differential Pump seal tracking	<a href="#">SJS</a>
500 psig / 34.5 bar	150 psig / 10.3 bar	1.0, 1.8	Spring, Dome	Diaphragm	Pharmpure™	<a href="#">PH-3200</a>
500 psig / 34.5 bar	250 psig / 17.2 bar	5.0	Spring, Dome, Air, Dome / Spring Biased	Diaphragm	High flow	<a href="#">DH</a>
500 psig / 34.5 bar	150 psig / 10.3 bar	1.8	Spring, Dome, Air	Diaphragm	Low pressure, medium flow	<a href="#">FR-2000</a>

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
400 psig / 27.6 bar	28 inch-Hg-100 psig / 948 mbar-6.9 bar	0.02, 0.06, 0.24	Spring, Dome, Air, Dome/Spring Biased	Diaphragm	Sub-atmospheric	<a href="#">44-4600</a>
300 psig / 20.7 bar	150 psig / 10.3 bar	10.0	Spring, Dome, Air	Diaphragm	High flow	<a href="#">DG</a>
300 psig / 20.7 bar	250 psig / 17.2 bar	5.0	Spring, Dome	Diaphragm	Welded connections	<a href="#">DH-16</a>
300 psig / 20.7 bar	130 psig / 9.0 bar	15.0	Spring	Diaphragm	High flow Facility	<a href="#">15</a>
300 psig / 20.7 bar	250 psig / 17.2 bar	5.0	Spring, Dome	Diaphragm	Pharmpure™	<a href="#">PH-1600</a>
300 psig / 20.7 bar	250 psig / 17.2 bar	10.0	Spring, Dome	Diaphragm	Pharmpure™	<a href="#">PH-1800</a>
290 psig / 20.0 bar (580 psig / 40.0 bar)	145 psig / 10.0 bar	0.03	Spring Only	Diaphragm	Laboratory, R&D Point-of-Use Suitable for ECD (Electronic Capture Detector) Very compact	<a href="#">MiniLabo 2</a>

# Pressure Reducing Selection Guide

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INLET PRESSURE RATING	OUTLET PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
250 psig / 17.2 bar	150 psig / 10.3 bar	1.8	Spring	Diaphragm	Premium High flow 1/2" Point-of-Use	<b>23</b>
290 psig / 20.0 bar	22 psig / 1.5 bar	0.78	Spring Only	Diaphragm	Laboratory - inline Extremely sensitive outlet pressure control	<b>Regulus 3</b>
290 psig / 20.0 bar	58 psig / 4.0 bar	2.1	Spring Only	Diaphragm	Laboratory - inline Accurate and sensitive outlet pressure control	<b>Regulus 4</b>
150 psig / 10.3 bar	100 psig / 6.9 bar	0.02, 0.06, 0.15, 0.24	Spring, Dome, Dome/Spring Biased	Diaphragm	Pharmpure™	<b>PH-2200</b>
150 psig / 10.3 bar	100 psig / 6.9 bar	0.02, 0.06, 0.15, 0.24	Spring, Dome, Dome/Spring Biased	Diaphragm	Pharmpure™	<b>PH-2600</b>
150 psig / 10.3 bar	100 psig / 6.9 bar	0.04	Spring	Diaphragm	Miniature 1/4" Point-of-Use (IGS)	<b>12</b>
116 psig / 8.0 bar	12 psig / 0.83 bar	0.23	Spring Only	Diaphragm	Laboratory - inline Very accurate pressure control	<b>Regulus Stainless Steel</b>

# Backpressure Selection Guide

Click on Series ▼

CONTROL PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
15,000 psig / 1034 bar	0.08, 0.60	Spring, Dome, Air, Dome / Spring Biased	Piston	General purpose Hydraulic only	<a href="#">54-2100</a>
10,000 psig / 690 bar	0.02, 0.10, 0.14, 0.60	Spring, Dome, Air, Dome / Spring Biased	Piston	Versatile Up to 650°F / 343°C	<a href="#">26-1700</a>
10,000 psig / 690 bar (Air Only) 5000 psig / 345 bar (Spring and Dome)	1.6	Spring, Dome, Air, Dome / Spring Biased	Piston	High pressure, high flow Hydraulic only	<a href="#">54-2300</a>
5500 psig / 379 bar (Dome Only) 500 psig / 34.5 bar (Spring and Dome)	5.0	Spring, Dome, Air, Dome / Spring Biased	Piston	High flow	<a href="#">54-2700</a>
3000 psig / 207 bar (Dome Only) 1200 psig / 82.7 bar (Spring)	0.20	Spring, Dome	Piston	Compact	<a href="#">BB-3</a>
1000 psig / 69.0 bar (Dome Only) 450 psig / 31.0 bar (Air Only) 375 psig / 25.9 bar (Spring)	2.0	Spring, Dome, Air, Dome / Spring Biased	Diaphragm	Low pressure, high flow	<a href="#">26-2700</a>

# Backpressure Selection Guide

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CONTROL PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
1000 psig / 69.0 bar	2.0	Dome / Spring Biased, Air	Diaphragm	BIBS systems	<a href="#">26-2900</a>
800 psig / 55.2 bar	0.10	Spring, Dome	Piston	Economical	<a href="#">44-1700</a>
500 psig / 34.5 bar	0.14	Spring	Piston	Flanges according to DIN EN 1092-1	<a href="#">26-1700F</a>
500 psig / 34.5 bar	0.06, 0.12, 0.60, 1.0	Spring, Dome, Air, Dome / Spring Biased	Diaphragm	Sensitive Versatile	<a href="#">26-2300</a>
500 psig / 34.5 bar	0.08	Spring, Dome, Dome / Spring Biased	Diaphragm	Low flow High temperature tolerance	<a href="#">44-2300</a>
500 psig / 34.5 bar	0.30	Spring, Dome	Piston	Economical	<a href="#">44-5500</a>

# Backpressure Selection Guide

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CONTROL PRESSURE RATING	C <sub>v</sub>	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
250 psig / 17.2 bar	0.30	Spring, Dome	Diaphragm	Economical	<a href="#">44-2500</a>
200 psig / 13.8 bar 300 psig / 20.7 bar (Air Only)	5.0	Spring, Dome, Air, Dome / Spring Biased	Diaphragm	Low pressure, high flow	<a href="#">26-2500</a>
150 psig / 10.3 bar	0.30	Spring, Dome	Diaphragm	Economical Sensitive	<a href="#">44-2900</a>
150 psig / 10.3 bar 450 psig / 31.0 bar (Air Only)	0.04, 0.30	Spring, Dome, Air, Dome / Spring Biased	Diaphragm	Sub-atmospheric	<a href="#">44-4700</a>
0-28 inch-Hg / 0-948 mbar	0.25	Spring, Dome	Diaphragm	Vacuum	<a href="#">DV</a>

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# Valves Selection Guide

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NOMINAL PRESSURE	C <sub>v</sub>	AVAILABLE LOADING TYPES	NOTES	SERIES
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.75	Pneumatic-Standard Solenoid (Pneumatic Assist) - Available Toggle	High cycle life, fast response 20,000 psig / 1380 bar available	<b>VA</b>
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	2.0	Pneumatic-Standard Solenoid (Pneumatic Assist) - Available Toggle	High cycle life, fast response 15,000 psig / 1035 bar available	<b>VG</b>
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.28	Hand	Block and bleed	<b>VK</b>
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.75	Pneumatic-Standard Solenoid (Pneumatic Assist) - Available	2 position 3-way	<b>VT</b>
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.28 (Globe) 0.49 (Angle)	Hand	Economical	<b>VJ</b>
10,000 psig / 690 bar	0.00005, 0.00125	Hand	Metering	<b>CC</b>

# Valves Selection Guide

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NOMINAL PRESSURE	C <sub>v</sub>	AVAILABLE LOADING TYPES	NOTES	SERIES
10,000 psig / 690 bar	0.28 (Globe) 0.49 (Angle)	Hand	Robust Low flow	<a href="#">30-1100</a>
10,000 psig / 690 bar	1.57 (Globe) 2.30 (Angle)	Hand	Robust Medium flow	<a href="#">30-1300</a>
10,000 psig / 690 bar	20.0	Hand	High flow, high pressure Inline	<a href="#">VN</a>
10,000 psig / 690 bar	8.0 (Globe) 10.0 (Angle)	Hand	Robust High flow	<a href="#">30-1200</a>
6000 psig / 413 bar	4.5	Air Operated	High flow, high pressure AOP	<a href="#">VM</a>
4350 psig / 300 bar	DN 10	Hand	Laboratory High Flow, high pressure robust in-line valve	<a href="#">High Pressure Valve</a>

# Valves Selection Guide

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NOMINAL PRESSURE	C <sub>v</sub>	AVAILABLE LOADING TYPES	NOTES	SERIES
580 psig / 40 bar	DN 8	Hand	Laboratory Low to medium pressures Very precise High flow Full metal design	<b>Metal Bellows Shut-Off Valve</b>
580 psig / 40 bar	DN 8	Hand	Laboratory - line shut-off component Medium pressure Medium flow Leak tight	<b>Metal Diaphragm Shut-Off Valve</b>
290 psig / 20 bar	DN 2 0-40 l/min C <sub>v</sub> = 0.04	Hand	Laboratory - Point-of-Use component Precise control of flow Metal-to-metal seal For gases of purity up to 6.0 Oxygen clean	<b>Diaphragm Metering Valve</b>
145 psig / 10 bar	DN 2 0-20 l/min C <sub>v</sub> = 0.024	Hand	Laboratory - Point-of-Use Precise control of flow Oxygen clean	<b>Needle Metering Valve</b>

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