

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 direct representative](#) or contact [TESCOM direct](#).

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

[Pressure Reducing Regulators](#)

[Backpressure Regulators](#)

[Valves](#)

Valves Selection Guide

Click on Series ▼

NOMINAL PRESSURE	C _v	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	VA
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	VG
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.28	Hand	Block and bleed	VK
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.75	Pneumatic-Standard Solenoid (Pneumatic Assist) - Available	2 position 3-way	VT
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.28 (Globe) 0.49 (Angle)	Hand	Economical	VJ
10,000 psig / 690 bar	0.00005, 0.00125	Hand	Metering	CC

Valves Selection Guide

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

Valves Selection Guide

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