

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](#)

Backpressure Selection Guide

Click on Series ▼

CONTROL PRESSURE RATING	C _v	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	54-2100
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	26-1700
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	54-2300
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	54-2700
3000 psig / 207 bar (Dome Only) 1200 psig / 82.7 bar (Spring)	0.20	Spring, Dome	Piston	Compact	BB-3
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	26-2700

Backpressure Selection Guide

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

Backpressure Selection Guide

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CONTROL PRESSURE RATING	C _v	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
250 psig / 17.2 bar	0.30	Spring, Dome	Diaphragm	Economical	44-2500
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	26-2500
150 psig / 10.3 bar	0.30	Spring, Dome	Diaphragm	Economical Sensitive	44-2900
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	44-4700
0-28 inch-Hg / 0-948 mbar	0.25	Spring, Dome	Diaphragm	Vacuum	DV