

Backpressure Selection Guide

CONTROL PRESSURE RATING	C _v	AVAILABLE LOADING TYPES	SENSING TYPE	NOTES	SERIES
15,000 psig / 1034 bar	0.08	Spring, Dome, Air, Dome / Spring Biased	Piston	General purpose Hydraulic only	54-2100 Page 499
10,000 psig / 690 bar	0.02, 0.10, 0.14, 0.60	Spring, Dome, Air, Dome / Spring Biased	Piston	Versatile Up to 400°F / 204°C	26-1700 Page 457
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 Page 511
10,000 psig / 690 bar	0.08	Spring, Dome, Air, Dome / Spring Biased	Piston	Two-stage, Gas and Hydraulic	54-3500 Page 521
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 Page 517
3000 psig / 207 bar (Dome Only) 1200 psig / 82.7 bar (Spring)	0.20	Spring, Dome	Piston	Compact	BB-3 Page 523

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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 Page 475
1000 psig / 69.0 bar	2.0	Dome / Spring Biased, Air	Diaphragm	BIBS systems	26-2900 Page 479
800 psig / 55.2 bar	0.10	Spring, Dome	Piston	Economical	44-1700 Page 483
500 psig / 34.5 bar	0.14	Spring	Piston	Flanges according to DIN EN 1092-1	26-1700F Page 463
500 psig / 34.5 bar	0.06, 0.12, 0.60, 1.0	Spring, Dome, Air, Dome / Spring Biased	Diaphragm	Sensitive Versatile	26-2300 Page 467
500 psig / 34.5 bar	0.08	Spring, Dome, Dome / Spring Biased	Diaphragm	Low flow High temperature tolerance	44-2300 Page 487

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500 psig / 34.5 bar	0.30	Spring, Dome	Piston	Economical	44-5500 Page 503
250 psig / 17.2 bar	0.30	Spring, Dome	Diaphragm	Economical	44-2500 Page 491
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 Page 471
150 psig / 10.3 bar	0.30	Spring, Dome	Diaphragm	Economical Sensitive	44-2900 Page 495
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 Page 499
0-28 inch-Hg / 0-948 mbar	0.25	Spring, Dome	Diaphragm	Vacuum	DV Page 527

Regulators - Relief/Backpressure



Regulators that maintain desired upstream pressure by varying the flow in response to changes in upstream pressure

Product Selection Guide

Don't know where to start? This guide lists TESCOM relief/backpressure regulators by control pressures, flow rates and loading and sensing types to help you find the right product in this catalog

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Quick Find List

Know the model number? Here are TESCOM pressure reducing regulators listed in numerical/alphabetical order

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26-1700F Series	463	44-2300 Series	487		?
26-2300 Series	467	44-2500 Series	491	54-2700 Series	517
26-2500 Series	471	44-2900 Series	495	54-3500 Series	521
26-2700 Series	475	44-4700 Series	499	BB-3 Series	523
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