

# Valves Selection Guide

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> Page 557
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> Page 557
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.28	Hand	Block and bleed	<b>VK</b> Page 565
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> Page 571
10,000 psig / 690 bar 6000 psig / 414 bar (Brass)	0.28 (Globe) 0.49 (Angle)	Hand	Economical	<b>VJ</b> Page 563
10,000 psig / 690 bar	0.00005, 0.00125	Hand	Metering	<b>CC</b> Page 539

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10,000 psig / 690 bar	0.28 (Globe) 0.49 (Angle)	Hand	Robust Low flow	<b>30-1100</b> Page 535
10,000 psig / 690 bar	1.57 (Globe) 2.30 (Angle)	Hand	Robust Medium flow	<b>30-1300</b> Page 535
10,000 psig / 690 bar	20.0	Hand	High flow, high pressure Inline	<b>VN</b> Page 569
10,000 psig / 690 bar	8.0 (Globe) 10.0 (Angle)	Hand	Robust High flow	<b>30-1200</b> Page 535
6000 psig / 413 bar	4.5	Air Operated	High flow, high pressure AOP	<b>VM</b> Page 567
4350 psig / 300 bar	DN 10	Hand	Laboratory High Flow, high pressure robust in-line valve	<b>High Pressure Valve</b> Page 547

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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> Page 549
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> Page 551
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> Page 543
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> Page 553

# On/Off and Shut-off Valves



Highly reliable valves that keep your system running

## Product Selection Guide

Don't know where to start? This guide lists TESCOM on/off and shut-off valves by pressures, flow, and loading types to help guide you in finding 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

Model	Page	Model	Page	Model	Page
30 Series	535	Metal Diaphragm Shut-off Valve	551	VM Series	567
CC Series	539	Needle Metering Valve	?	VN Series	569
Diaphragm Metering Valve	543	VA/VG Series	557	VT Series	571
High Pressure Valve	547	VJ Series	563		
Metal Bellows Shut-off Valve	549	VK Series	565		