











HIGH FLOW. PRESSURE REDUCING REGULATORS.

SERIES	FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
2800N SERIES 	<ul style="list-style-type: none"> • Neoprene (<i>fabric reinforced</i>) diaphragm • PCTFE seat • Stable delivery pressure • Outlet pressures up to 150 PSIG / 10.34 bar 	3000 psig / 206.84 bar	Cv: 1.0 Cv: 2.0	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum 303 Stainless Steel
2800S SERIES 	<ul style="list-style-type: none"> • 316 Stainless Steel or Neoprene (<i>fabric reinforced</i>) diaphragm • PCTFE or Vespel® seat • Outlet pressures up to 150 PSIG / 10.34 bar 	3000 psig / 206.84 bar	Cv: 1.0	SAE 360 Brass SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel
2800P SERIES 	<ul style="list-style-type: none"> • Piston sensed for increased cycle life • PCTFE or PEEK® seat • Outlet pressures up to 500 PSIG / 34.47 bar 	3000 psig / 206.84 bar	Cv: 1.0 Cv: 2.0	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel
2800PDL SERIES 	<ul style="list-style-type: none"> • Piston sensed for increased cycle life • Dome load: 1:1, (1000 psig / 68.95 max load) • PCTFE seat • Non-venting 	3000 psig / 206.84 bar	Cv: 2.0	SAE 360 Brass 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel
2860PDL SERIES 	<ul style="list-style-type: none"> • Captured venting • Dome load: 1550 PSIG (106.9 bar) max • High flow • Piston sensed • PCTFE seat 	3000 psig / 206.84 bar	Cv: 2.0	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Clear Anodized 316 Stainless Steel 303 Stainless Steel




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5000 SERIES 	<ul style="list-style-type: none"> Piston sensed Vespel® seat Outlet pressures up to 2500 psig / 6.89 bar 	4500 psig / 172.37 bar	Cv: 1.0 Cv: 2.0	303 Stainless Steel
5033DL/5060DL SERIES 	<ul style="list-style-type: none"> Dome loaded Piston sensed 1:1 dome load Optional external sensing port for improved accuracy 	10000 psig / 689.5 bar	Cv: 3.3 Cv: 6.0	316 Stainless Steel
5050 SERIES 	<ul style="list-style-type: none"> High flow Diaphragm sensed Buna-n Viton® or PTFE seat 350 PSIG / 24.13 BAR max outlet pressure 	1000 psig / 68.95 bar	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize Monel 400®
5050DL SERIES 	<ul style="list-style-type: none"> Dome loaded Diaphragm sensed Buna-n seat 1:1 dome load Max dome load 100 psig / 6.89 bar 	1000 psig / 68.95 bar	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize
5050DLB SERIES 	<ul style="list-style-type: none"> Dome loaded / bias spring Diaphragm sensed Buna-n seat dome load + bias spring pressure = outlet pressure Max dome load 100 psig / 6.89 bar 	1000 psig / 68.95 bar	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize





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50120DL SERIES 	<ul style="list-style-type: none"> • Dome loaded • Piston sensed • 1:1 dome load • Optional external sensing port for improved accuracy 	6000 psig / 413.7 bar	Cv: 12.0	316 Stainless Steel
50200DL SERIES 	<ul style="list-style-type: none"> • Flow capacity (Cv): 20.0 • 1:1 dome load • Piston sensed • Optional external sensing port 	6000 psig / 413.7 bar <i>(See data sheet)</i>	Cv: 20.0	316 Stainless Steel
50300DL SERIES 	<ul style="list-style-type: none"> • Flow capacity (Cv): 30.0 • 1:1 dome load • Piston sensed • Optional external sensing port 	6000 psig / 413.7 bar <i>(Cv 2.0)</i>	Cv: 30.0	316 Stainless Steel

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SERIES	FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
3016 SERIES 	<ul style="list-style-type: none"> Designed for gas media High flow Piston Sensed Self venting Optional captured venting Air loaded & dome loaded designs available 	10000 psig / 689.5 bar <i>(See data sheet)</i> 6000 psig / 413.7 bar <i>(See data sheet)</i>	Cv: 1.0 Cv: 2.0	SAE 360 brass 316 Stainless Steel 303 Stainless Steel Monel 400®
3016AL SERIES 	<ul style="list-style-type: none"> Designed for gas media High flow Piston Sensed Self venting Optional captured venting Spring loaded designs available 	10000 psig / 689.5 bar <i>(Cv 1.0)</i> 6000 psig / 413.7 bar <i>(Cv 2.0)</i>	Cv: 1.0 Cv: 2.0	316 Stainless Steel
3016DL SERIES 	<ul style="list-style-type: none"> Designed for gas media High flow Dome loaded Piston Sensed Optional captured venting Spring loaded designs available 	10000 psig / 689.5 bar <i>(Cv 1.0)</i> 6000 psig / 413.7 bar <i>(Cv 2.0)</i>	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel
6016 SERIES 	<ul style="list-style-type: none"> Hydraulic High flow Piston Sensed Captured venting 	10000 psig / 689.5 bar <i>(Cv 1.0)</i>	Cv: 1.0	316 Stainless Steel

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