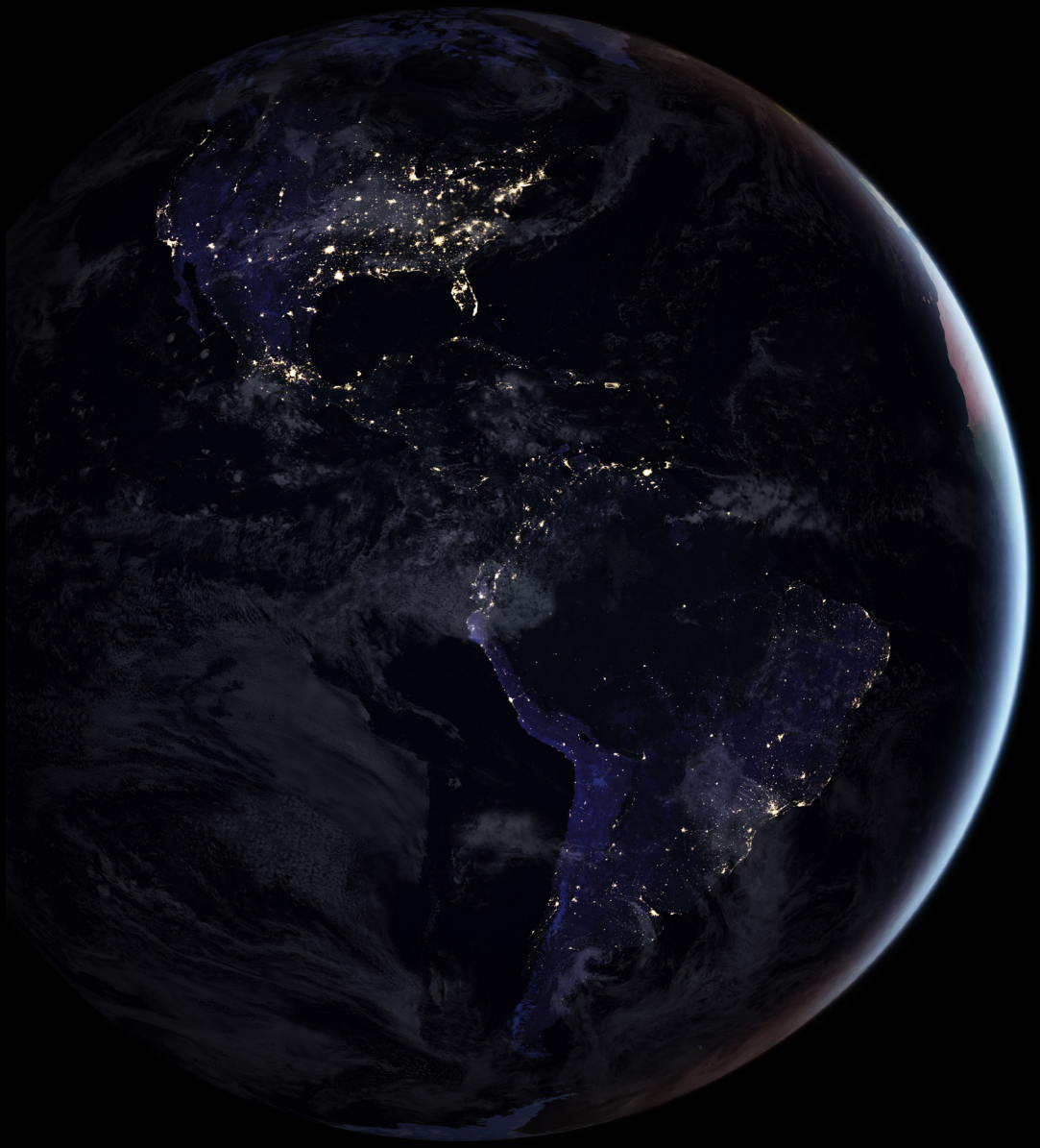
AEROSPACE

PRESSURE REGULATORS, VALVES,
AND SYSTEMS



PREMIER
INDUSTRIES

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INNOVATIVE.
RELIABLE.
ECONOMICAL.
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A PREMIER INDUSTRIES PUBLICATION

Printed in the USA

PREMIER INDUSTRIES

PREMIER REGULATORS, VALVES, & GAS DELIVERY SYSTEMS
FOR THE AEROSPACE INDUSTRY

WE ARE EXCITED ABOUT AEROSPACE.

We manufacture and test all of our equipment to meet rigid industry specifications while keeping in mind the distinctive needs and expectations of our customers. We are excited about the new strides being made in Aerospace and are proud to supply and design products that stand up to the unique demands of the aerospace industry.

WE'RE EXPERIENCED AND RESPONSIVE.

Our customers know that if they have a question, they can pick up the phone and give us a call. No automated messaging systems here. We have a team of engineers with over 100 years of regulator design experience ready to assist you. We are always pushing for more sophisticated processes, working on leading-edge designs, while striving to remain personable and responsive.

PREMIER INDUSTRIES

YOUR PARTNER IN EXPLORATION & DISCOVERY.

If you do not see a standard Premier model that suits your needs, please contact us; we would be happy to help you with a custom design or modification.

Our regulators are offered in a variety of materials (with varying weights, strengths, degrees of corrosion resistance, etc.), flow capacities, and inlet/outlet pressure ranges. With the flexibility of optional port alignments, port sizes/types, relief and shut off valves, etc. Premier regulators provide maximum versatility and compatibility for your application.

VERTICALLY INTEGRATED LOW-OVERHEAD MANUFACTURING.

From engineering, to programming and testing, We are proud to be a vertically integrated company that has the ability and means to produce high quality, American made products from concept to completion.

TAILORED TOOLS AND PROCESSES.

DESIGNED TO MEET THE NEEDS OF THE AEROSPACE INDUSTRY.

Products suited for pressure ranges from vacuum to 20000 PSIG.

Optional laser etched parts.

Designs for use with harsh & reactive media (hypergolic propellants, supercritical fluids etc.)

Optional parts cleaning and inspection to meet 100R1 (particulate 100, NVR R1) per IEST-STD-CC1246.

A variety of mounting options to integrate seamlessly into your desired application: surface mounting, panel nuts, panel mounting brackets, flanges etc.

Optional laminar flow clean bench assembly, testing, and packaging.

Dome and air-loaded regulators for use with electro-pneumatic controllers for precision and automation.

Optional material certifications.

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All aerial and aerospace images courtesy of NASA/JPL-Caltech

PRODUCTS FOR AEROSPACE

THIS IS A SELECTION FROM OUR PRODUCT LINE.

CONTACT US OR CHECK OUT OUR WEBSITE FOR A WIDER SELECTION OF PRODUCTS.

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sales@premierind.us

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PREMIER INDUSTRIES

3000 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Self-venting, captured venting, non-venting • 15 micron sintered 316 SST inlet filter • Piston sensed • Optional acorn nut • Multiple mounting options	10000 PSIG / 689.5 BAR (316 SST) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.02 Cv: 0.06 Cv. 0.12 Cv: 0.20 Cv: 0.30	SAE 360 brass 316 Stainless Steel

3000AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Air loaded, Piston Sensed • 15 micron sintered 316 SST inlet filter • Optional captured venting • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR (316 SST) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.30	SAE 360 brass 316 Stainless Steel

3000DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Dome loaded • Piston Sensed • Optional panel mounting nuts • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.3	316 Stainless Steel

6000 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Adjustable captured venting • Air loaded design available • Optional acorn nut • Non-venting design available	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	316 Stainless Steel

6000AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Captured venting • Air loaded • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	316 Stainless Steel

6000DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Captured venting • Dome loaded • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	316 Stainless Steel

6000FL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Raised face, welded neck flange connections • 1" nominal pipe size • Captured venting • ANSI B16.5 class 1500 forged flange	3000 PSIG / 206.84 BAR	Cv: 0.06	17-4 Stainless Steel 316 Stainless Steel

3016 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • High flow • Piston Sensed • Self-venting, captured venting, or non-venting • Balanced stem	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 1.0 Cv: 2.0	SAE 360 Brass 316 Stainless Steel 17-4 Stainless Steel Monel® 6061-T6 Aluminum

3016AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • High flow • Piston Sensed • Captured venting, or non-venting • Air loaded & dome loaded designs available	10000 PSIG / 689.5 BAR (See data sheet) 6000 PSIG / 413.7 BAR (See data sheet)	Cv: 1.0 Cv: 2.0	316 Stainless Steel

3016DL SERIES

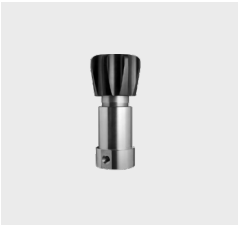
FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • High flow • Piston Sensed • Captured venting or non-venting • 1:1 dome load • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR (See data sheet) 6000 PSIG / 413.7 BAR (See data sheet)	Cv: 1.0 Cv: 2.0	316 Stainless Steel

PREMIER INDUSTRIES

6016 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • High flow • Piston Sensed • Captured venting	10000 PSIG / 689.5 BAR	Cv: 1.0	316 Stainless Steel

3020 SERIES

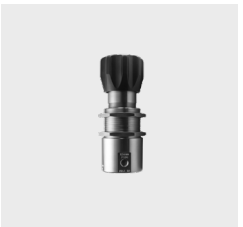


FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • 15 micron stainless steel valve cartridge filter • Piston Sensed • Captured venting or self-venting • Low-torque hand knob	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.04 Cv: 0.06 Cv: 0.12 Cv: 0.20 Cv: 0.30	SAE 360 Brass 316 Stainless Steel

6020 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston Sensed • Captured venting • Low-torque hand knob	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.3	SAE 360 Brass 316 Stainless Steel

3023 SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Captured venting • Piston Sensed • Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.2 Cv: 0.3	316 Stainless Steel

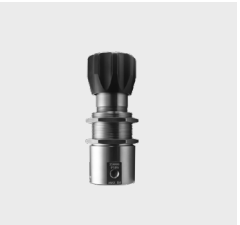
3023AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Air loaded, Piston Sensed • Compatible with electro-pneumatic controllers • Captured venting • Optional panel mounting nuts & gauges	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12	316 Stainless Steel

3023DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston Sensed • 1:1 dome load • Compatible with electro-pneumatic controllers • Captured venting	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

6023 SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, piston sensed • Captured venting • Choice of 17-4 stainless steel or Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12	316 Stainless Steel

6023AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, air loaded • Captured venting • 17-4 Stainless Steel, hardened or Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

6023DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, air loaded • Captured venting • 17-4 Stainless Steel, hardened or Vespel® seat • Optional panel mounting nuts	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	316 Stainless Steel

3025 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • Pneumatic • Captured venting • 17-4 Stainless Steel hardened valves • Low-torque ball-bearing hand knob	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

3025AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • Air loaded • Captured venting • 17-4 Stainless Steel hardened valve • Compatible w/ electro-pneumatic controllers	20000 PSIG / 1378.95 BAR	Cv: 0.043	17-4 Stainless Steel

3025HPL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • High pressure loaded • Captured venting • 1500 PSIG (103.42 BAR) max loading pressure • Extreme compatibility model available	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

3025SL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Piston Sensed • Compatible with electro-pneumatic controllers • Captured venting	20000 PSIG / 1378.95 BAR	Cv: 0.04	17-4 Stainless Steel

6025 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston Sensed • Captured venting • 17-4 Stainless Steel hardened valves • Air loaded designs available	20000 PSIG / 1378.95 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.20	17-4 Stainless Steel

6025AL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Air loaded • Captured venting • 17-4 SS hardened valves • Compatible w/ electro-pneumatic controllers	20000 PSIG / 1378.95 BAR	Cv: 0.06 Cv: 0.12 Cv: 0.30	17-4 Stainless Steel

5033DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Piston sensed • 1:1 dome load • Optional external sensing port for improved accuracy • Non-venting	10000 PSIG / 689.5 BAR	Cv: 3.3	316 Stainless Steel

5050 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Balanced stem for increased outlet pressure stability • Buna-n, Viton®, or PTFE seat • Max outlet pressure 350 PSIG / 24.1 BAR • Non-venting	1000 PSIG / 68.95 BAR	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize Monel 400®

5050DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Diaphragm sensed • Buna-N or Viton seat • 1:1 dome load • Max dome load 100 PSIG / 6.89 BAR • Non-venting	1000 PSIG / 68.95 BAR	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize

5050DLB SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded / bias spring • Diaphragm sensed • Buna-n seat • dome load + bias spring pressure = outlet pressure • Max dome load 200 PSIG / 13.79 BAR • Non-venting	1000 PSIG / 68.95 BAR	Cv: 5.0	303 Stainless Steel 316 Stainless Steel Aluminum, Clear Anodize

5060DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Dome loaded • Piston sensed • 1:1 dome load • Optional external sensing port for improved accuracy • Non-venting	10000 PSIG / 689.5 BAR	Cv: 6.0	316 Stainless Steel

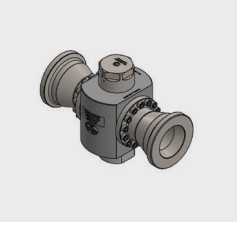
50120DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 1:1 dome load • Optional external sensing • Piston Sensed • Non-venting	6000 PSIG / 413.7 BAR (dependent on configuration)	Cv: 12.0	316 Stainless Steel

50200DL SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 1:1 dome load • Optional external sensing • Piston Sensed • Non-venting	6000 PSIG / 413.7 BAR	Cv: 20.0	316 Stainless Steel

50300DL SERIES



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• 1:1 dome load • Optional external sensing • Piston Sensed • Non-venting	6000 PSIG / 413.7 BAR	Cv: 30.0	316 Stainless Steel

2780 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Micro, piston sensed regulator • Extremely compact & light-weight • Non-venting	1000 PSIG / 68.95 BAR (dependent on confguration)	Factory preset flows between 0.25-7.0 LPM (dependent on configuration)	Aluminum, Clear Anodize SAE 360 Brass 303 Stainless Steel

2790 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Micro manifold regulator • Piston sensed • Designed to drop into manifold housing minimizing volume. • Non-venting	1500 PSIG / 241.3 BAR 3000 PSIG / 206.84 BAR	Cv: 0.0025	Aluminum,Clear Anodize 303 Stainless Steel 316 Stainless Steel Titanium TI-6AL-4V

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3100 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • Vespel®, PEEK®, or PCTFE seat • Optional panel mounting bracket	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

3100AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Air loaded, Piston sensed • Vespel® or PEEK® seat • Optional panel mounting bracket • Compatible with electro-pneumatic controllers	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

3100DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Dome loaded, Piston sensed • Vespel® main valve seat • Compatible with electro-pneumatic controllers	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

6100 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston sensed • Choice of seat: Vespel®, 316 Stainless Steel, PEEK®, or 17-4 Stainless Steel hardened • Optional panel mounting bracket	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel 17-4 Stainless Steel

6100AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic, Piston Sensed • Choice of seat: Vespel®, PEEK®, 316 SS or 17-4SS hardened • Optional panel mounting bracket	10000 PSIG / 689.5 BAR (Stainless Steel) 6000 PSIG / 413.7 BAR (Brass)	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel SAE 360 Brass

6100DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston Sensed • Choice of seat: Vespel®, or 17-4 Stainless Steel • Optional panel mounting bracket • Compatible w/ electro pneumatic controllers	6000 PSIG / 413.7 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2 Cv 0.4 optional	316 Stainless Steel SAE 360 Brass

3123 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • Choice of seat: Vespel®, or PEEK® • Optional panel mounting bracket	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

3123AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Designed for gas media • Piston sensed • Choice of seat: Vespel®, PEEK®, 316 Stainless Steel, or 17-4 Stainless Steel • Optional panel mounting bracket	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

6123 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Hydraulic • Piston sensed • Choice of seat: Vespel®, PEEK®, 316 Stainless Steel, or 17-4 Stainless Steel • Optional panel mounting bracket	15000 PSIG / 1034.21 BAR	Cv: 0.06 Cv: 0.14 Cv: 0.2	316 Stainless Steel

3116 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

3116DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Dome loaded • Piston sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

3116SL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Stacked loader • Piston sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

6116 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Hydraulic • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

6116DL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Dome loaded • Hydraulic • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

6116SL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High flow • Stacked loader • Hydraulic • Piston Sensed • Surface mounting optional	10000 PSIG / 689.48 BAR (dependent on body material)	Cv: 1.0 Cv: 2.0	316 Stainless Steel 17-4 Stainless Steel

3125 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High pressure • Piston Sensed • Fluted hand knob • Ball-bearing loader • Optional panel mounting bracket, panel mounting nuts or surface mounting	20000 PSIG / 1378.95 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.20	316 Stainless Steel

6125 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High pressure • Hydraulic • Piston Sensed • Fluted hand knob • Ball-bearing loader • Optional panel mounting bracket, panel mounting nuts or surface mounting	20000 PSIG / 1378.95 BAR	Cv: 0.03 Cv: 0.06 Cv: 0.14 Cv: 0.20	316 Stainless Steel

5150 SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High Flow / Low Pressure • Piston sensed • Compact, non-rising stem • Control pressures up to 200 PSIG / 13.79 BAR	200 PSIG / 13.79 BAR	Cv: 5.0	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

5150AL SERIES

FEATURES	MAX CONTROL PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High Flow, Low Pressure • Air Loaded • PTFE seat • Piston sensed • 100 PSIG / 6.89 BAR max load • Control pressures up to 300 PSIG / 20.68 BAR	300 PSIG / 20.68 BAR	Cv: 5.0	6061-T6 Aluminum, Clear Anodized 316 Stainless Steel

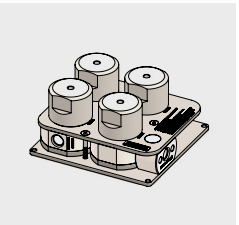
AO VALVES

FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
• High operating pressures • Low actuation pressure: 70 PSIG / 4.8 BAR • Cv: 0.47, 0.8, 2.0, 5.0 • Stainless steel body • Compatible with electro-pneumatic controllers • Optional solenoid adapter • Normally open or closed designs • Designs for use with hypergolic fuels	10000 PSIG / 689.5 BAR	Vespel®	316 Stainless Steel 303 Stainless Steel 17-4 Stainless Steel

AO32 SERIES VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	MATERIAL
• Pneumatically operated, high pressure 3/2 valve • Configurations available for chemical resistance, oxygen service, and hydraulic applications • Actuation pressure: 90-110 PSIG (6.2-7.6 BAR) • Normally open or normally closed, or switching	10000 PSIG /689.5 BAR	Cv: 0.80	693 Eco Brass 316 Stainless Steel

AO QUAD PACK



FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	MATERIAL
• Pneumatically operated, high pressure valves • Configurations available for chemical resistance, oxygen service, and hydraulic applications • Actuation pressure: 110 PSIG MAX (7.6 BAR) • Normally open or normally closed	10000 PSIG /689.5 BAR	Cv: 2.0	693 Eco Brass 316 Stainless Steel

70-1100A VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low torque at high pressure • Metal stop prevents stem-over-travel • Bubble-tight shut off • Angle configuration	10000 PSIG / 689.5 BAR	Cv 0.42	316 Stainless Steel SAE 360 Brass

70-1100G VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low torque at high pressure • Metal stop prevents stem-over-travel • Bubble-tight shut off • Globe configuration	10000 PSIG / 689.5 BAR	Cv 0.42	316 Stainless Steel

70-1200G VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low torque at high pressure • Bubble-tight shut off • Globe configuration • Cv 8.0 • Metal stop prevents stem-over-travel	6000 PSIG / 413.7 BAR	Cv 8.0	316 Stainless Steel

70-1300A VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low-torque at high pressure • Bubble-tight shut off • Angle configuration • Cv 2.3 • Metal stop prevents stem-over-travel	10000 PSIG / 689.5 BAR	Cv 2.3	316 Stainless Steel

70-1300G VALVE

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• High operating pressures • Low-torque at high pressure • Bubble-tight shut off • Globe configuration • Cv 1.6 • Metal stop prevents stem-over-travel	10000 PSIG / 689.5 BAR	Cv 1.6	316 Stainless Steel

70-2100AB VALVE

FEATURES	MAX INLET PRESSURE	VALVE SEAT	BODY MATERIAL
• Bleed/vent valve • Low torque at high pressure • Bubble-tight shut off • Metal stop prevents stem-over-travel • Can be used to bleed downstream pressure to 0	10000 PSIG / 689.5 BAR	Vespel SP-1® PTFE PCTFE PEEK®	316 Stainless Steel SAE 360 Brass

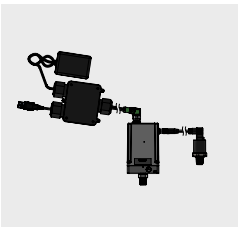
RELIEF VALVE

FEATURES	MAX RELIEF PRESSURE	MATERIAL
• Captured outlet • PCTFE seat • Compatible with gas and hydraulic media	1800 PSIG / 124.11 BAR	SAE 360 Brass, Nickel Plated 6061-T6 Aluminum, Nickel Plated 303 Stainless Steel 316 Stainless Steel

R0.1 SERIES

FEATURES	MAX INLET PRESSURE	FLOW CAPACITY	BODY MATERIAL
• Roughing regulator • Used with high pressure regulators for increased outlet pressure stability • 7/8" hex for easy torque	10000 PSIG / 689.5 BAR	Cv: 0.1	316 Stainless Steel 303 Stainless Steel

EC 100 SERIES



FEATURES	MAX INLET PRESSURE	WETTED MATERIALS
• Electronic controller • 1/8" FNPT inlet • Analog or serial setpoint signal • calibrated range: 0-150 psig	165 PSIG / 11.4 BAR	Nitrile Elastomers

INLINE FILTER

FEATURES	MAWP PRESSURE	FLOW CAPACITY	MATERIAL
• Helps prevent the number 1 cause of failure in regulators. • Extends the lifespan of pressure regulators and system components • Simpler Maintenance: allows for easier cleaning or replacement without disassembling pressure regulators in the field.	6000 PSIG / 413.7 BAR MAX	Cv 1.0 Cv 2.0	SAE 360 Brass 6061-T6 Aluminum 316 Stainless Steel

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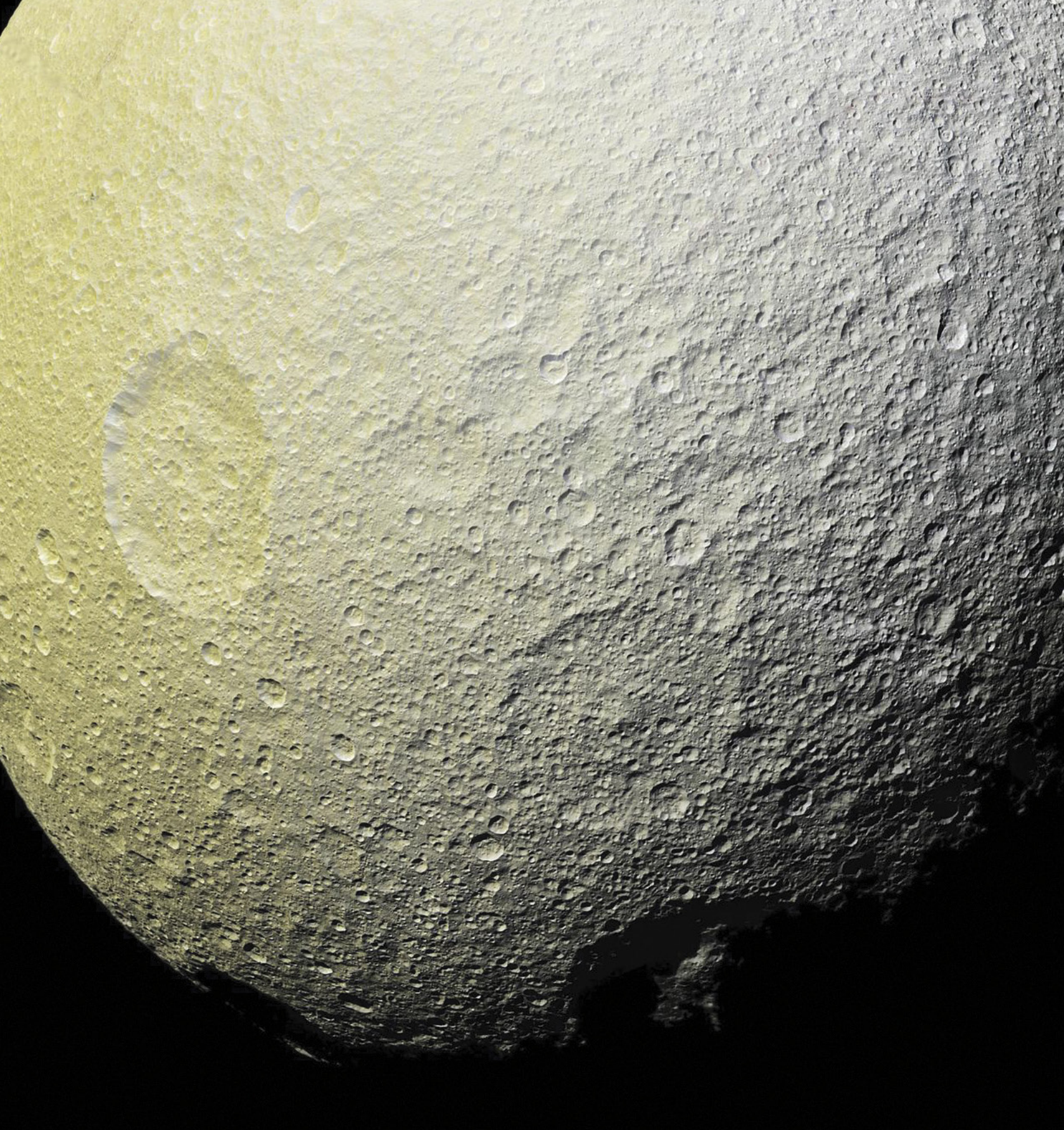
PREMIER INDUSTRIES



sales@premierind.us

763.786.4020

WWW.PREMIERIND.US

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