

6250DLB SERIES

Dome Loaded, Bias Spring, Hydraulic, Diaphragm Sensed
Pressure Reducing Regulators



Premier 6250DLB Series dome loaded/bias spring, single stage, diaphragm sensed, pressure reducing regulators, are rated for inlet pressure up to 3000 PSIG (206.84 bar), load pressures up to 500 PSIG (34.47 bar), and Cv 0.08 or 0.20. 6250DLB Series regulators are elastomer free and designed for use in tracking applications.

FEATURES

- Compatible with electro pneumatic controllers
- Elastomer free
- Designed for tracking applications
- 3000 PSIG (206.84 bar) max inlet pressure
- Cv 0.08 or 0.20

SOME APPLICATIONS WILL REQUIRE A CUSTOM SOLUTION.
CONTACT PREMIER INDUSTRIES TO REQUEST A MODIFICATION
OR A CUSTOM DESIGN.

SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:**
 - 3000 PSIG (206.84 bar)
- **MAXIMUM LOAD PRESSURE:**
 - 500 PSIG (34.47 bar)
- **PRESET SPRING BIAS:**
 - up to 100 PSIG (6.89 bar)
- **FLOW (Cv):** 0.08, or 0.20

MATERIALS OF CONSTRUCTION

- **PROCESS WETTED MATERIAL OPTIONS:**
 - 316 Stainless Steel
 - 303 Stainless Steel
 - Monel 405® & Elgiloy®
 - SAE 360 Brass, Nickel Plated
Contact factory for pricing
 - Monel 405® & Elgiloy® for process AND dome side
 - 316 Stainless Steel & Elgiloy® for process AND dome side *NACE MR0175 COMPLIANT*
- **DIAPHRAGM:**
 - 316 Stainless Steel
- **VALVE SEAT:**
 - PEEK®
- **SEALS:**
 - PTFE
- **OTHER WETTED MATERIALS (DOME SIDE):**
 - 316 Stainless Steel
(for 316 stainless steel & monel process options)
 - SAE 360 Brass, Nickel Plated
(for SAE 360 brass nickel plated option)
 - Monel 405®/Elgiloy®
(for option 50-12662-5XX-XXX)
 - 316 Stainless Steel/Elgiloy®
(for option 50-12662-6XX-XXX)

PORTING

- **INLET:**
 - 1/4" FNPT
- **OUTLET:**
 - 1/4" FNPT
- **LOAD PORT:**
 - 1/4" FNPT

OPTIONS

- Private label
- Gauges

Monel® is a registered trademark of Special Metals Corporation. PEEK is a trademark of Victrex PLC
Elgiloy® is a registered trademark of Elgiloy Specialty Metals Division, Combined Metals of Chicago L.L.C

Contact factory for material certifications. Fees may apply.

6250DLB SERIES

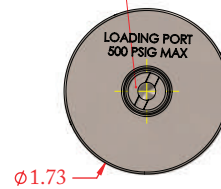
Dome Loaded, Bias Spring, Hydraulic, Diaphragm Sensed Pressure Reducing Regulators

PART NUMBER: 50-12662

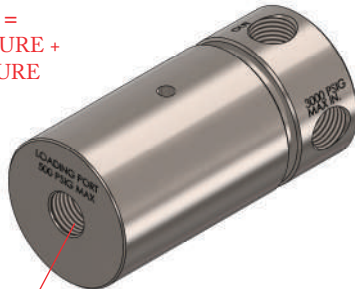


OUTLET PORTS: 1/4-18 FNPT

SPRING BIAS ADJUSTMENT SCREW
100 PSIG MAX SPRING BIAS

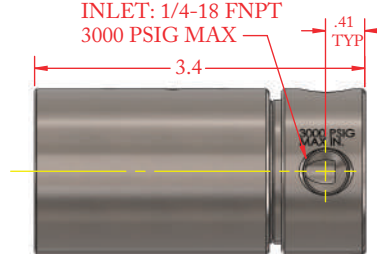


OUTLET PRESSURE =
DOME LOAD PRESSURE +
SPRING BIAS PRESSURE



DOME LOADING PORT:
1/4-18 FNPT, 500 PSIG MAX



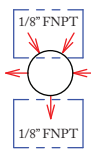
INLET: 1/4-18 FNPT
3000 PSIG MAX



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Pressure Reducing Regulators

PART #	-	1	2	3	-	XXX
50-12662	-				-	

1	PROCESS WETTED MATERIALS
1	316 Stainless Steel
2	303 Stainless Steel
3	Monel 405® & Elgiloy®
4	SAE 360 Brass, Nickel Plated <i>Contact factory for pricing</i>
5	Monel 405® & Elgiloy® for process AND dome side
6	316 Stainless Steel & Elgiloy® for process AND dome side <i>NACE MR0175 COMPLIANT</i>
2	PORTING OPTIONS
1	'A' Porting 
2	'C' Porting 
3	'T' Porting 

3	FLOW COEFFICIENT (Cv)
1	Cv 0.08 max
2	Cv 0.20 max
XXX	PRESET SPRING BIAS
<p>**Preset spring bias pressure at 3000 psig inlet pressure. Specify 0-100. Pressure units are psig. (EX: specify '30' for 30 psig spring bias pressure.) Preset spring bias pressure is field adjustable by qualified technicians only.</p>	

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Elgiloy® is a registered trademark of Elgiloy Specialty Metals
Division, Combined Metals of Chicago L.L.C
Contact factory for material certifications. Fees may apply.*