

DL-56 Series

Dome-loaded Pressure Regulator

The DL-56 is a compact and robust design which employs a unique "Dual Piston" set up that enables the user to control pressure up to 6000 psig (414 bar) with as little as 40 psig (3 bar) of dome pressure. All of this is accomplished within the smallest envelope the industry has to offer.

The regulator portion of this unit was Series, which is widely recognized as a Offering the utmost in economy and alloy 360. A carefully engineered unit offers good sensitivity and run and showed that the unit's ability hysteresis is unsurpassed through out

Completing this design is the addition steel optional) dome unit. The inlet captured by a high tensile snap ring. alignment of the dome gas line within excellent leak integrity.



patterned after the time tested PR-56 benchmark of performance and quality. safety, this unit is constructed from brass all 316L stainless steel piston sensor repeatability. An independent test was to repeat to a set point and low operating the industry.

of an anodized aluminum (316 stainless ring to the dome is freely rotating and This feature allows easy positioning and a customer's system while maintaining

Typical Applications

- Pilot plant
- Off-shore oil and gas rigs
- Pneumatic test benches
- Component testing
- R & D systems
- High pressure booster systems

Features & Benefits

- Gas or liquid service
- Better than 25 Ra finish in diaphragm cavity
- Stainless steel piston sensor
- 20 micron inlet filter
- Bubble-tight shutoff
- Remote dome-loading

Technical Data

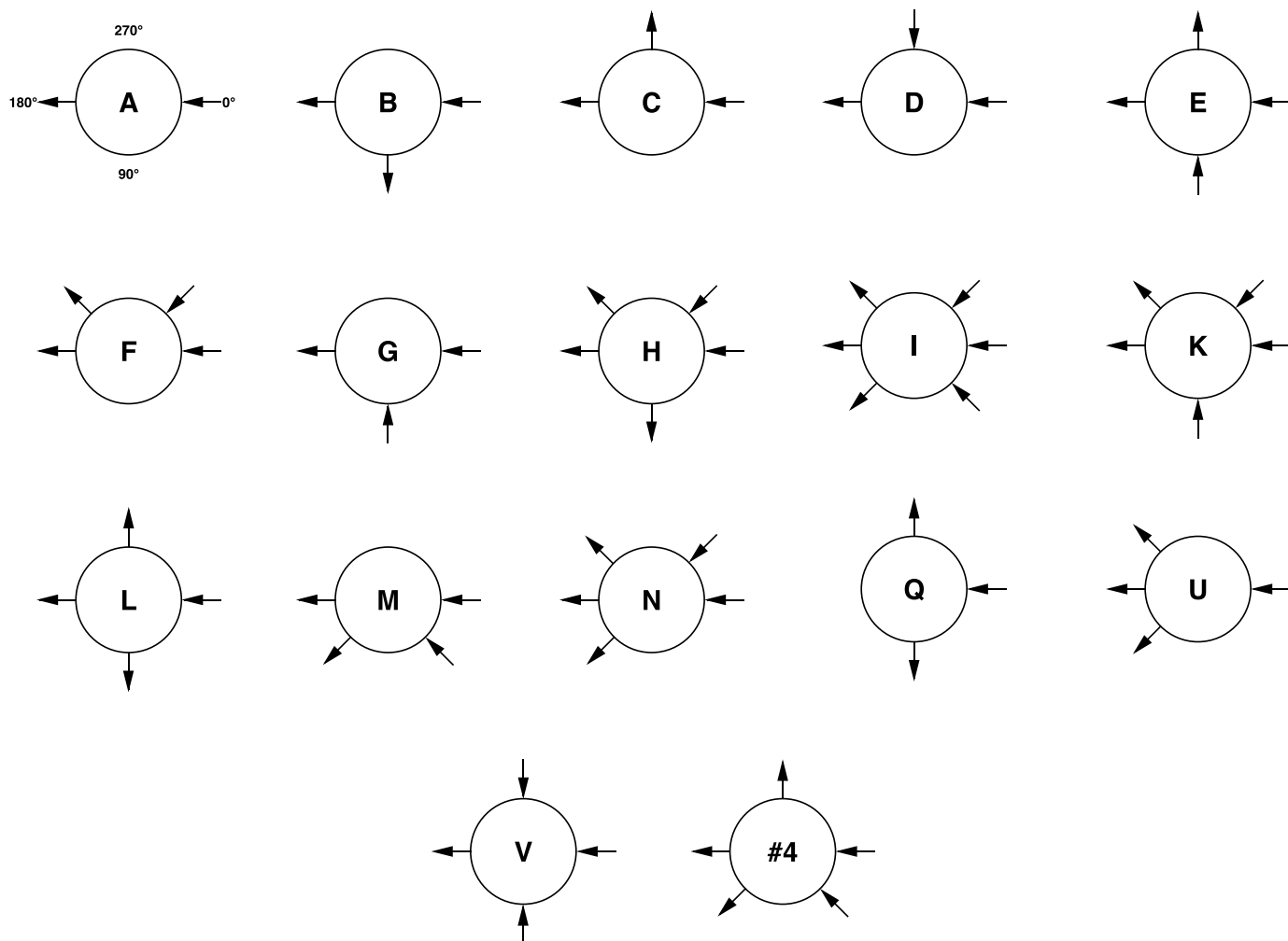
CONSTRUCTION	Brass (alloy 360)
DOME RATIOS	11 : 1, 20 : 1, 43 : 1, 56 : 1, 76 : 1, 108 : 1, 122 : 1 and 172 : 1
INLET/OUTLET PORTS	1/4" FNPT (standard)
OUTLET PRESSURES	up to 6000 psig (414 bar)
Cv COEFFICIENTS	0.05, 0.20

GO Regulator

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pressure regulators

Porting Configurations for Dome-loaded Pressure Regulators



**LOCATION OF PORTS FROM
TOP VIEW**