



SpringField Controls

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Springfield Controls SC34 Pressure Control Valve / Regulator



Specifications

The Springfield Controls Type SE34 precision air regulator controls output pressure with accuracy of 0.1% and has very low sensitivity to changes in supply pressure and flow. The accuracy, precision control, and repeatability are unmatched by any other self-contained regulator in the world. The Type SE34 relieving regulator requires no readjustment after long down time periods and works particularly well in dead end service applications when little or no flow is required. Small compact size still provides flows up to 14 SCFM. The maximum inlet pressure is 150 PSI. The unit may be installed in any position by in-line plumbing or panel mounting. Set point lock nut is provided as well as two gauge ports (front and rear). Typical applications include: web tensioning, roll loading, valve operators, calibration stands, cylinder loading, air brakes, clamp and press units.

Port Size: 1/8" 1/4" NPT female inlet & outlet, 1/4" NPT female gauge port

Pressure Range: 2–120 PSIG

Flow Capacity: 14 SCFM (100 PSIG Supply, 20 PSIG Outlet)

Maximum Supply Pressure: 150 PSIG (pneumatic only)

Minimum Regulated Pressure: 2 PSIG

Sensitivity: 1/8 inch water column

Exhaust Capacity: 2 SCFM (outlet 5 PSI above 20 PSI set point)

Supply Pressure Variation: Less than .005 PSIG @ 25 PSIG variance

Bleed Rate: 0.08 SCFM

Housing Material: SS316 , NACE

Diaphragms/Capsule: Buna-n, stainless

Adjustment Knob: Phenolic plastic w/fine thread screw

Mounting: In-line plumbing or panel mount (nut included), any position

Weight: 1.4 pounds