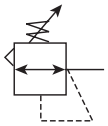
51R Regulators – Relieving

- Pressure reference indicating dial face
- Non-rising, pressure-adjustment dial
- Self-relieving
- Full pressure adjustment in less than one full turn
- Recommended for pilot-air applications
- Constant bleed, piston operated
- 1/4" port (NPT, BSPP)



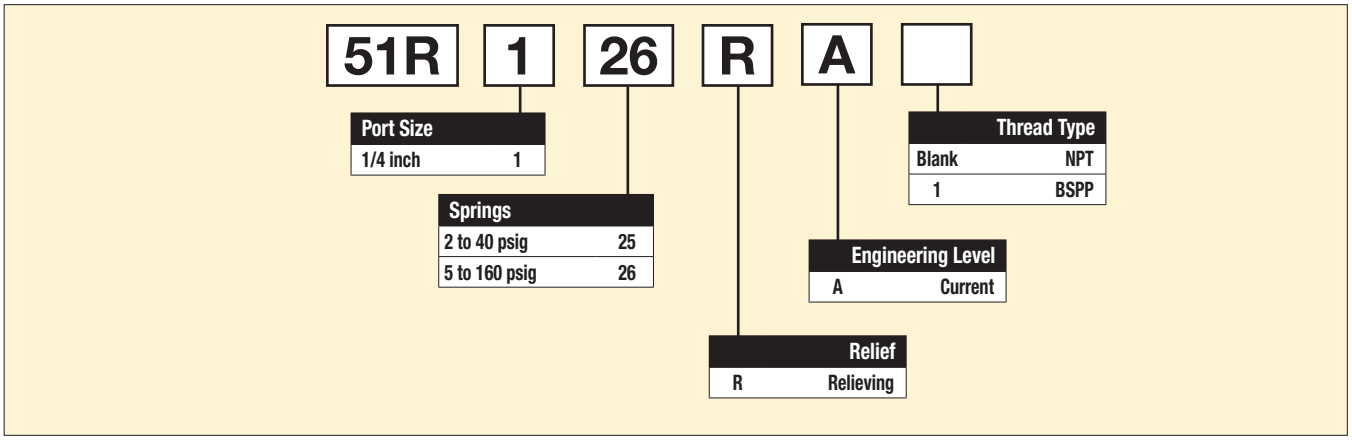
Port Size	Description	Part Number
1/4"	Standard Pressure 5 to 160 psig (0.34 to 11 bar)	**51R126RA**
1/4"	Low Pressure 2 to 40 psig (0.14 to 3 bar)	**51R125RA**

Operating information

Adjusting pressure range:	2 to 40 psig (0 to 2.8 bar) 5 to 160 psig (0 to 11.0 bar)
Bleed Rate:	0.05 scfm (0.02 dm^3/s, ANR)
Operating temperature (max):	32°F to 150°F (0°C to 65.6°C)
Supply pressure (max):	300 psig (20.7)
Flow capacity†:	0.7 scfm (0.3 dm^3/s, ANR)
Weight:	1.3 lb (0.5 kg)

† scfm = Inlet pressure 100 psig (6.9 bar) inlet. Secondary pressure 90 psig (6.2 bar).

Ordering Information:



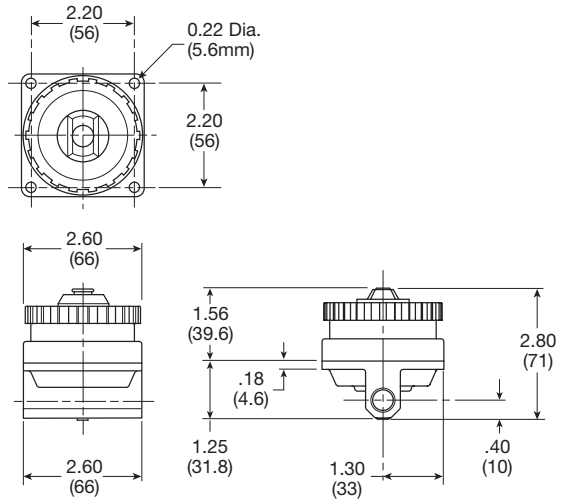
☐ Most popular.

Material Specifications

Body	Zinc
Bonnet	Zinc / brass
Piston	Acetal
Seals	Nitrile
Springs	Steel
Valve assembly	Brass / nitrile / acetal

Repair and Service Kits

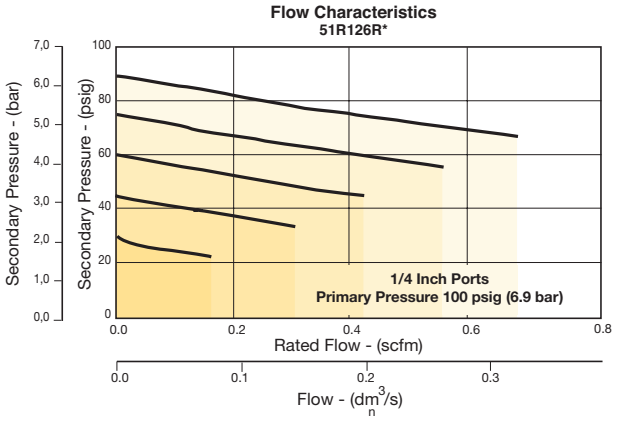
Adjustment dial knob	**RRP-16-024**
O-ring, repair kit	**GRP-95-260**
Piston and bonnet repair kit	**RRP-95-765**
Spring, regulation, belleville washer, 2 to 40 psig (2.8 bar)	**RRP-95-906**
Spring, regulation, belleville washer, 5 to 160 psig (11.0 bar)	**RRP-95-905**
Tamper resistant kit	**RRP-95-585**
Valve, pilot with o-ring and valve spring	**RRP-96-934**



Inches (mm)

Flow Charts

51R 1/4" Regulator



⚠ WARNING

Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.