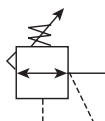


53R Regulators – Relieving

- Balanced poppet design
- Non-rising, pressure-adjusting dial
- High-relief flow (3/16" relief orifice)
- Two 1/4" gauge ports
- Constant bleed, piston operated
- 3/4", 1", 1-1/4" ports (NPT, BSPP)



Port Size	Description	Part Number
3/4"	Standard pressure 5 to 160 psig (0.34 to 11 bar)	53R426RA
3/4"	Low Pressure 2 to 40 psig (0.14 to 3 bar)	53R425RA
1"	Standard pressure 5 to 160 psig (0.34 to 11 bar)	53R526RA
1"	Low Pressure 2 to 40 psig (0.14 to 3 bar)	53R525RA
1-1/4"	Standard Pressure 5 to 160 psig (0.34 to 11 bar)	53R626RA
1-1/4"	Low pressure 2 to 40 psig (0.14 to 3 bar)	53R625RA

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 dm³/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†:	3/4" 400 scfm (188.8 dm³/s, ANR) 1" 650 scfm (306.8 dm³/s, ANR) 1-1/4" 700 scfm (330.4 dm³/s, ANR)
Gauge ports:	Two ports 1/4" (can be used as additional high flow 1/4 inch outlet ports)
Weight:	2.3 lb (1.04 kg)

† scfm = Inlet pressure 100 psig (6.9 bar) inlet. Secondary pressure 80 psig (5.5 bar).

Ordering Information:

53R	4	26	R	A	
Port Size					Thread Type
3/4 inch	4				Blank NPT
1 inch	5				1 BSPP
1-1/4 inch	6				
	Springs			Engineering Level	
	2 to 40 psig	25		A	Current
	5 to 160 psig	26			
			Relief		
			R	Relieving	

Most popular.



For inventory, lead times, and kit

K46

Parker Hannifin Corporation
Pneumatic Division

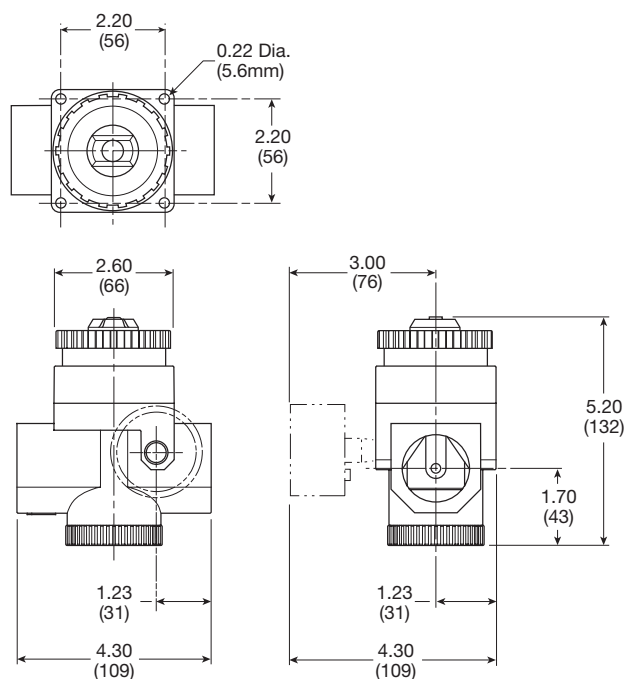
Semi-Precision Regulators

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-95-261
Piston, bottom and o-ring seal	RRP-95-192
Pistons and bonnet repair kit	RRP-95-766
Spring, regulation, belleville washer – 2 to 40 psig range	RRP-95-906
Spring, regulation, belleville washer – 5 to 160 psig range	RRP-95-905
Tamper resistant kit	RRP-95-585
Valve, main with o-ring seal	RRP-95-152
Valve, pilot with o-ring and valve spring	RRP-96-935

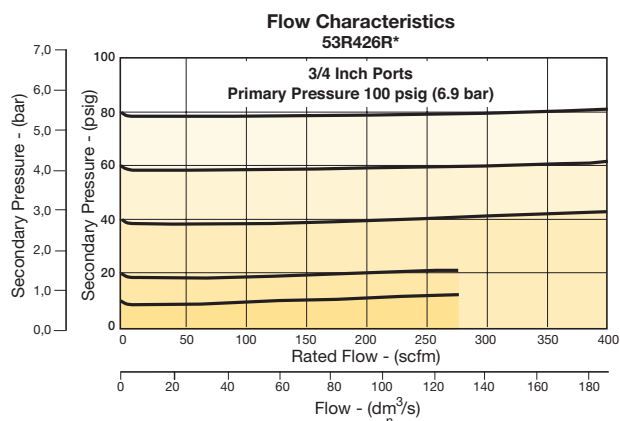


Inches (mm)

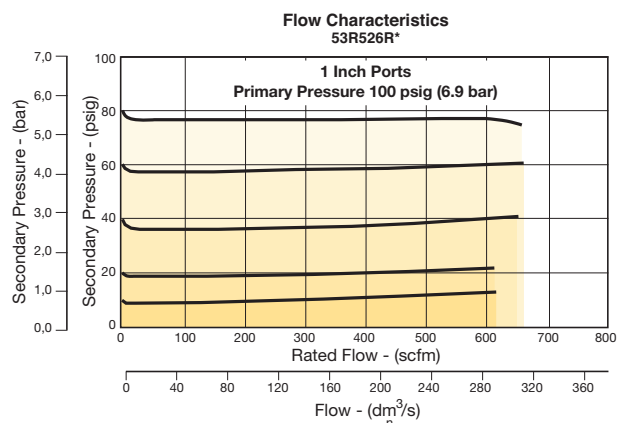
Regulator Products

Flow Charts

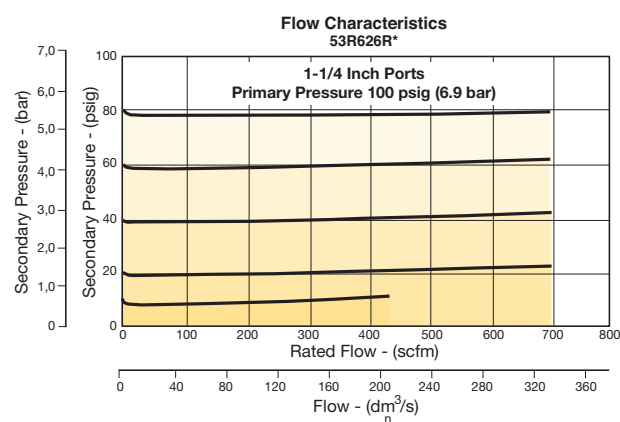
53R 3/4" Regulator



53R 1" Regulator



53R 31-14" Regulator



WARNING

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



For inventory, lead times, and kit

K47

Parker Hannifin Corporation
Pneumatic Division

General

Dial

Pilot

Proportional

Precision

Water

K

Regulator
Products