

Description

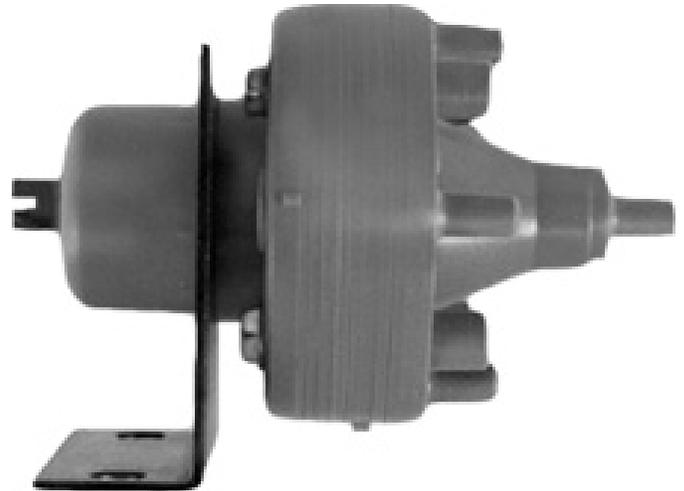
The KMC RCC-1509, 1510, 1515 and 1516 relays are proportional main valve capacity booster devices. They are designed to amplify control air volume in pneumatic control circuits.

The RCC models minimize system transmission lag when used with a proportional controller operating several diaphragm valves or actuators. RCC-1515 and 1516 feature a +/- 15 psig bias adjustment to advance or retard output.

Models RCC-1509 and 1515 are intended for in-line mounting while a bracket is used to mount models RCC-1510 and 1516.

Features

- ◆ Minimize transmission lag when used with a proportional controller
- ◆ A +/- 15 psig (103 kPa) bias adjustment (available on RCC-1515 and 1516) advances or retards output
- ◆ Available for bracket, or in-line, mounting

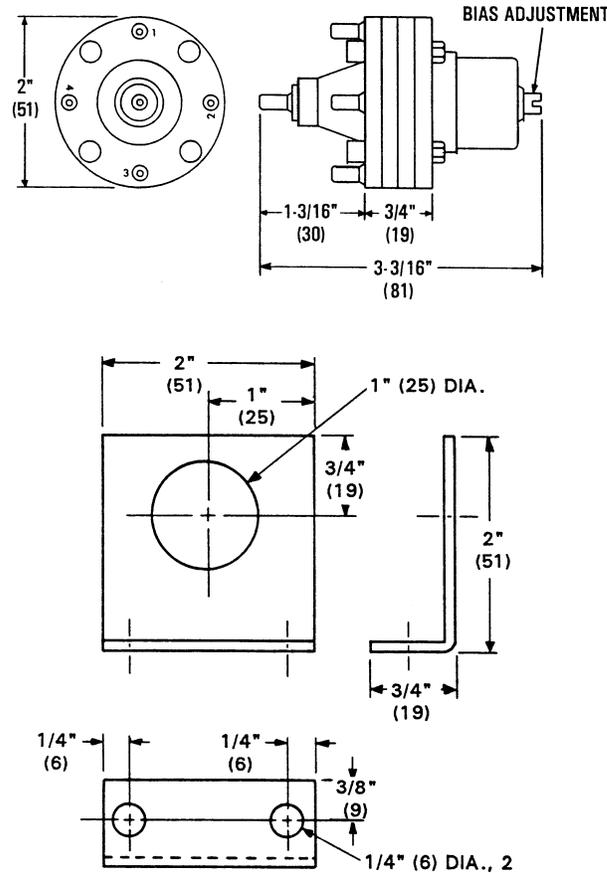


Models

RCC-1509	Booster w/o bias; in-line mount
RCC-1510	Booster w/o bias; with bracket
RCC-1515	Booster with bias; in-line mount
RCC-1516	Booster with bias; with bracket

Details

All dimensions in inches (mm).



Specifications

Supply Pressure	30 psig (207 kPa) maximum
Air Consumption	14.4 scim (3.93 mL/s)
Air Capacity	1728 scim (473 mL/s) @ 20 psig (138 kPa)
Connection	3/16" (5 mm) nipple for 1/4" (6 mm) OD polyethylene tubing
Factory Settings	Zero bias
Bias Adjustment	+/- 15 psig (103 kPa)
Material	ABS, UL Flame Class 94 HB
Weight	
1509/1515	2-1/4 oz. (64 grams)
1510/1516	3-1/2 oz. (99 grams)
Temperature Limits	
Operating	40° to 120° F (4° to 29° C)
Shipping	-40° to 140° F (-40° to 60° C)

!CAUTION

Pneumatic devices **MUST** operate with **CLEAN, DRY**, control air. Any other medium will result in the device's eventual failure.

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