

### Description

The KMC CMC-1001 non-metallic positive positioner is designed to work with KMC pneumatic damper actuators. CMC-1001s can be factory-mounted or field-installed on 3", 4", or 6" stroke actuators.

The CMC-1001 is designed to be used with actuators containing an 8 to 13 psi spring so that equal force can be obtained on both power and return strokes. The CMC-1001 replaces positioners on any MCP actuator with the digit 1 in the fifth position (MCP-xxxx-1xxx).

The start-point is adjustable from 3 to 10 psi. The overall span is a direct function of the selected feedback spring, which is ordered separately (see Accessories section).

**NOTE:** For all 3" and 4" actuators, insert the (included) VTD-2500 restrictor in the line between Port #1 and the actuator. The restrictor is not needed on 6" actuators.

### Features

- ◆ Factory mounted or field installed on 3", 4", or 6" stroke actuators
- ◆ Adjustable start point
- ◆ Adjustable overall span (with choice of spring)

### Accessories

VTD-1500	Feedback arm
VTD-2250	Spring, 3" stroke, 5 psi span
VTD-2282	Spring, 3" stroke, 7 psi span
VTD-2260	Spring: 3" stroke, 10 psi span
VTD-2251	Spring, 4" stroke, 5 psi span
VTD-2261	Spring, 4" stroke, 10 psi span
VTD-2272	Spring, 6" stroke, 3 psi span
VTD-2252	Spring, 6" stroke, 5 psi span
VTD-2262	Spring, 6" stroke, 10 psi span
VTD-2500	Replacement in-line restrictor (for CMC-1001 use with 3" and 4" actuators)



Still... Made in the U.S.A.



**RoHS**  
COMPLIANT

### Specifications

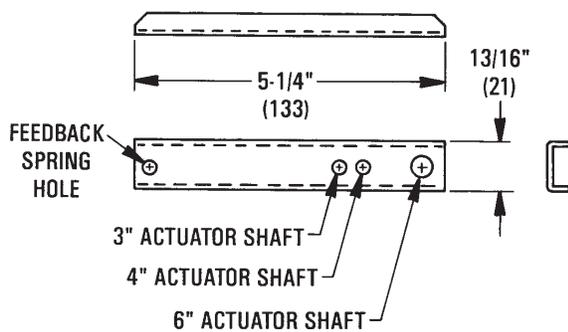
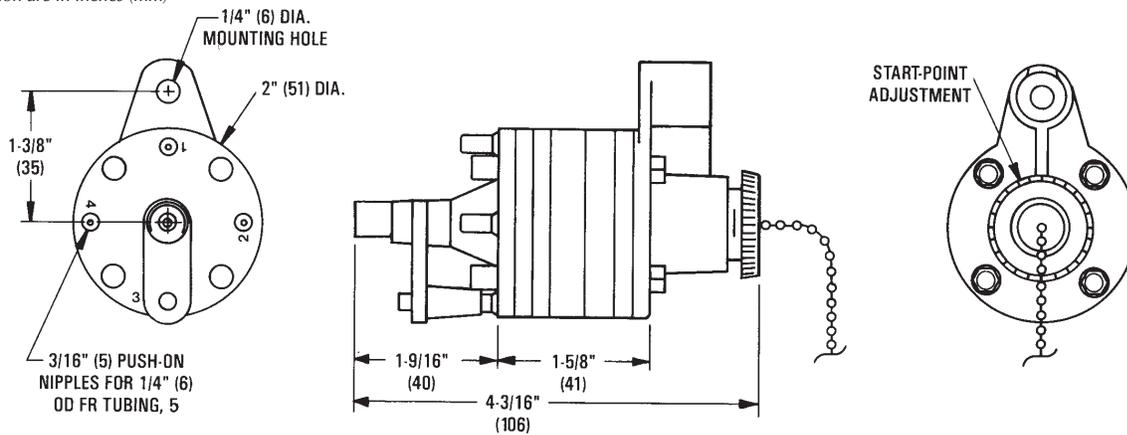
<b>Supply Pressure</b>	20 to 30 psi (138 to 207 kPa)
<b>Air Consumption</b>	14.4 scim @ 20 psi (3.93 mL/s @ 138 kPa)
<b>Connections</b>	3/16" (5 mm) nipples for 1/4" (6 mm) O.D. polyethylene tubing
<b>Port Markings</b>	Center "1" "2"
<b>Material</b>	Body Diaphragms
<b>Output Capability</b>	0 to supply pressure
<b>Weight</b>	4 oz. (113 grams)
<b>Approvals</b>	RoHS compliant
<b>Temperature Limits</b>	Operating Shipping
	40 to 120° F (4 to 49° C) -40 to 140° F (-40 to 60° C)

### ⚠ CAUTION

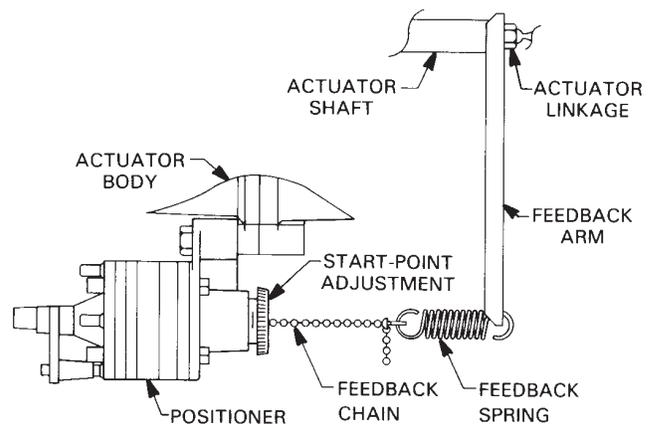
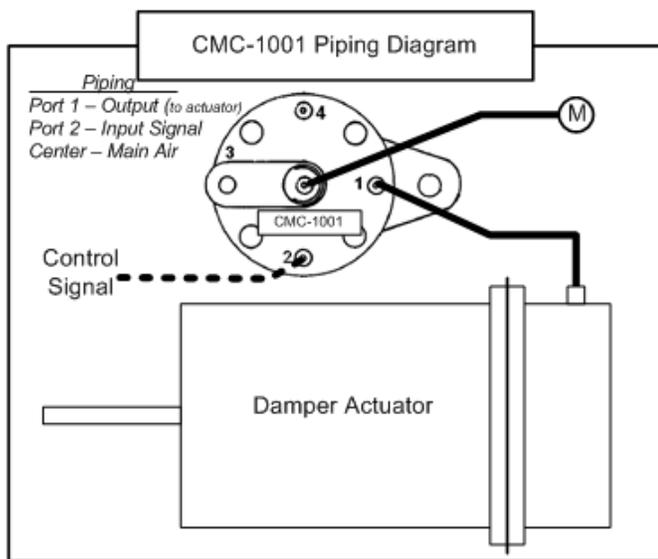
Pneumatic devices must be supplied with clean, dry control air. Any other medium (e.g., oil or moisture contamination) will cause the device to fail.

# Details

All dimension are in inches (mm)



ACTUATOR STROKE	FEEDBACK SPRINGS	
	5 PSI SPAN	10 PSI SPAN
3"	VTD-2250	VTD-2260
4"	VTD-2251	VTD-2261
6"	VTD-2252	VTD-2262



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