

RCI 88 Series Actuators



The Remote Control RCI 88 Series Pneumatic Actuators features a modern scotch yoke mechanism which allows us to produce an actuator with high starting and ending torques in a very compact package. Available in both spring return and double acting with torques up to 77,435 in. lbs.

TECHNICAL DATA

Maximum Working Pressure	100 PSI
Operating Medium	Air or Inert Gas
Ambient Temperature	- 22°F to +175°F
Torque	Up to 77,435 lb. In.

FEATURES

- Low mass high torque design is a real space saver
- Modern scotch yoke design
- Double acting or spring return
- Safe modular spring packs

SPECIFICATIONS

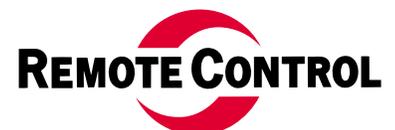
	DA	SR
Weight lbs.	165	275
Displacement cu. in		
Clockwise	1188	1188
Counter Clockwise	1073	1188
Opening/Closing Time (sec)	30-40	30-40
At 80 PSI		

OPTIONS

- Adjustable travel stops for doubling acting
- Hydraulic manual override
- Positioners, limit switches, solenoid valves
- High or low temperature construction

MATERIALS OF CONSTRUCTION

Actuator Body	Extruded aluminum, anodized finish
End Caps, Spring Housings	Cast aluminum, anodized finish
Pistons	Cast aluminum, anodized finish
Drive Shaft	Plated steel
Seals	Nitrile
Fasteners	Plated steel



DOUBLE ACTING RCI-DA SERIES Clockwise to Close

40 PSIG AIR SUPPLY

Model #	0°	50°	90°
RCI 88-DA	30875	14600	23010

60 PSIG AIR SUPPLY

Model #	0°	50°	90°
RCI 88-DA	46460	21900	34515

80 PSIG AIR SUPPLY

Model #	0°	50°	90°
RCI 88-DA	61950	29200	46020

100 PSIG AIR SUPPLY

Model #	0°	50°	90°
RCI 88-DA	77435	36505	57525

SPRING RETURN RCI-SR SERIES

Air Stroke Counterclockwise to Open – Spring Stroke Clockwise to Close

40 PSIG AIR SUPPLY

Model #	AIR STROKE			SPRING STROKE		
	0°	60°	90°	90°	30°	0°
RCI 88-SR	16922	6815	8496	13186	6372	9558

60 PSIG AIR SUPPLY

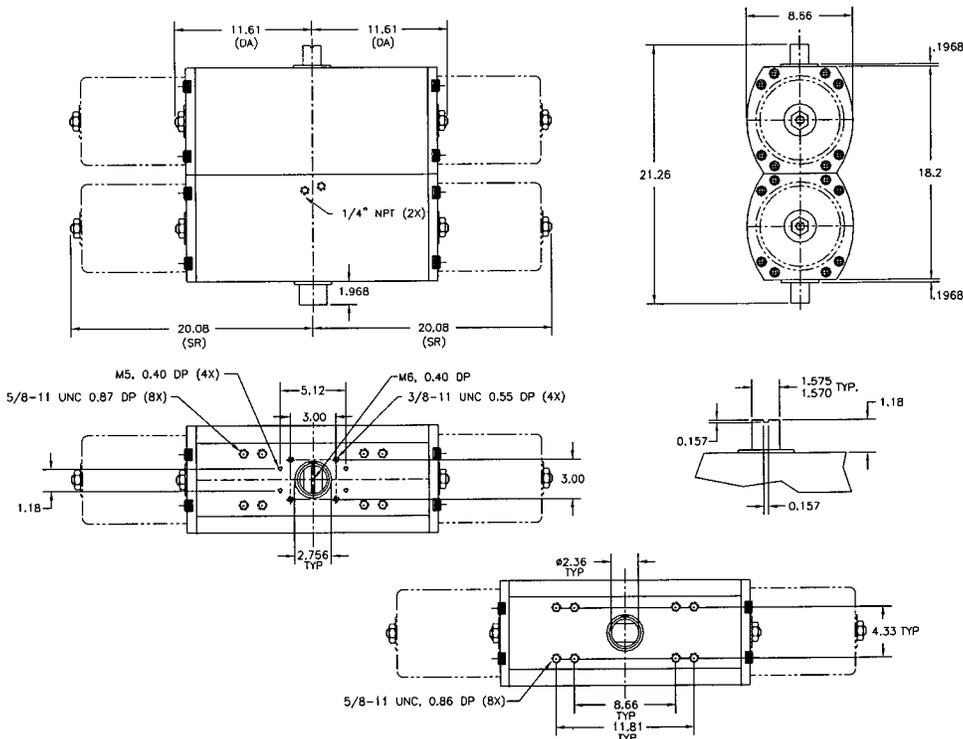
Model #	AIR STROKE			SPRING STROKE		
	0°	60°	90°	90°	30°	0°
RCI 88-SR	26196	10443	13049	20355	9823	14780

80 PSIG AIR SUPPLY

Model #	AIR STROKE			SPRING STROKE		
	0°	60°	90°	90°	30°	0°
RCI 88-SR	35400	14160	17700	27430	13270	19910

100 PSIG AIR SUPPLY

Model #	AIR STROKE			SPRING STROKE		
	0°	60°	90°	90°	30°	0°
RCI 88-SR	44250	17700	22125	34295	16595	24870



Product specifications and data are subject to change.