

Products

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Actuators



5200: Pneumatic Diaphragm Actuators

This Series provides high performance, high power diaphragm actuators of multi-spring type that are compact and light. Receiving pneumatic or electric signals, the unit balances the force created when diaphragm is air-pressured through positioner and the force of compressed spring, so that the output shaft is controlled and placed at a set position.

Control of position by pneumatic signals (20 to 100Kpa) directly applied on diaphragm is also possible. Combination with KOSO positioner provides high accuracy position control.

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Specifications

5200LA



526LLA



Linear Stem Motion Type

Type	5221LA	5227LA	5235LA	524SLA 524LLA	526SLA 526LLA
Actuator size	218	270	350	450	650

	N	2185	3648	4315	5200RA	7453	16475
Max. Output	N-m	-	-	-	-	-	-
Air supply KPa		140, 300, 340		140, 300		300	
Spring range Kpa		20 to 100, 80 to 200, 120 to 300		20 to 100, 80 to 200		80 to 200	
Max. stroke/angle		20mm	30mm	40mm	80mm	110mm	
Action	Direct Action or Reverse Action						
Environment temp.	Standard type: -10 to +70°, Low temp.service: -40 to +40°, High Temp.service: 0 to +100°						
Options	Manual handle, Limit SW, Positioner, Air-set etc.						
	Rotary Stem Motion Type						
Type		5221RA	5227RA	5235RA	524LRA		
Actuator size		218	270	350	450		
	N	-	-	-	-		
Max. Output	N-m	46.4	116.2	183.2	553.7		
Air supply KPa		300, 340		300			
Spring range Kpa		80 to 200, 120 to 300		20 to100, 80 to 200			
Max. stroke/angle		60°					
Action	Direct Action or Reverse Action						
Environment temp.	Standard type: -10 to +70°, Low temp.service: -40 to +40°, High Temp.service: 0 to +100°						
Options	Manual handle, Limit SW, Positioner, Air-set etc.						





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