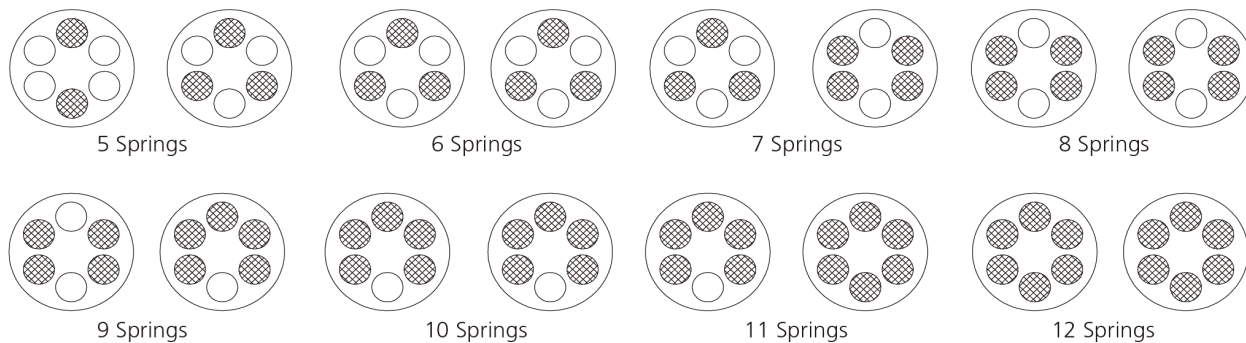


Operation Time (s) & Weight (lbs)

Model	Double Acting			Spring Return										
Size	0°-90°	90°-0°	Weight	3+3		4+4		5+5		5+6		6+6		Weight
				0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	
20-0075	0.2	0.2	6.4	0.2	0.2	0.2	0.2	0.3	0.2	0.4	0.2	0.5	0.2	6.8
20-0100	0.3	0.3	9.5	0.3	0.4	0.3	0.4	0.4	0.3	0.5	0.3	0.6	0.3	9.7
20-0150	0.3	0.3	11.7	0.3	0.4	0.4	0.4	0.4	0.3	0.5	0.3	0.6	0.3	12.3
20-0200	0.4	0.4	14.1	0.6	0.7	0.7	0.6	0.7	0.5	0.8	0.5	0.9	0.4	15
20-0300	0.6	0.6	19	0.6	0.8	0.8	0.7	0.8	0.6	0.9	0.6	1.0	0.5	20.7
20-0400	0.8	0.8	23.4	1.0	1.4	1.4	1.2	1.8	1.0	2.0	0.9	2.2	0.9	25.4
20-0500	1.2	1.2	36.2	1.4	1.6	1.8	1.4	2.2	1.2	2.3	1.1	2.6	1.1	39.2
20-0600	1.6	1.6	52.9	2.1	2.7	2.9	2.1	3.7	1.7	4.1	1.6	4.5	1.5	58.4
20-0700	2.9	2.9	74.5	3.3	3.8	4.3	3.2	5.1	2.8	5.3	2.7	6.0	2.5	83.1
20-0800	5.0	5.2	122.8	5.3	7.0	6.5	7.0	8.2	6.3	8.7	6.0	9.2	5.6	137.3
20-0900	6.0	5.5	138.9	8.0	10.0	9.0	9.4	10.0	8.9	10.5	8.6	11.0	8.2	160.1
20-1000	8.5	8.5	195.6	15.0	13.0	16.0	12.2	17.0	11.4	17.5	11.0	19.0	10.6	226
20-2000	11.0	11.0	295.6	20.0	17.0	22.0	15.0	24.0	13.0	25.0	12.0	26.0	11.0	350.3
20-3000	14.0	14.9	425.1	27.0	25.0	25.0	23.0	22.0	21.0	20.5	20.0	27.0	19.0	447.3
20-4000	25.0	25.0	694.9	31.0	29.0	34.0	27.0	37.0	25.0	38.5	24.0	40.0	23.0	743.4
20-5000	31.0	31.0	727.5	44.0	32.4	47.0	30.6	50.0	27.8	52.0	26.4	54.0	25.0	745.2

Spring Configuration

The spring configuration is very flexible, to increase and decrease the spring numbers in the actuators is also very convenient. The springs are mounted between the end cap and piston on each side of the actuator as shown below. The springs are made from piano spring material with cartridge structure which can be de-mounted safely and conveniently to drive a variety of valves by changing the quantity of springs.



ACTUATOR	DATA SHEET FLOW LINE SERIES 20/21 (SM/FM) Double Acting an Spring Return Pneumatic Actuators (Multi-function) Sizes 20-0075--20-5000	PART NO.	
PRESSURE RATING		DRAWING NO.	REV
CUSTOMER/PROJECT		FL 20-21001(SM/FM)	A
SPECIFICATION		DATE	
CERTIFIED BY		7/29/2025	