

Operation Time											
Unit Seconds											
Size	0°-90°	90°-0°	Size	3x3		4x4		5x5		6x6	
Double Acting			Spring Return	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°
20-0075	0.6	0.53	20-0075	2.46	0.48	2.5	0.44	2.54	0.4	2.58	0.36
20-0100	0.66	0.58	20-0100	2.54	0.56	2.58	0.52	2.62	0.48	2.66	0.44
20-0150	0.72	0.64	20-0150	2.62	0.64	2.66	0.6	2.7	0.56	2.74	0.52
20-0200	0.83	0.73	20-0200	2.71	0.73	2.75	0.69	2.79	0.65	2.83	0.61
20-0300	1	0.86	20-0300	2.89	0.86	2.93	0.82	2.97	0.78	3.01	0.74
20-0400	1.35	1.3	20-0400	3.14	0.91	3.18	0.87	3.22	0.83	3.26	0.79
20-0500	2.4	1.79	20-0500	4.24	1.2	4.28	1.16	4.32	1.12	4.36	1.08
20-0600	2.5	2.1	20-0600	4.4	1.35	4.62	1.31	4.66	1.27	4.68	1.22
20-0700	3.93	2.6	20-0700	4.74	1.77	4.78	1.3	4.82	1.69	4.84	1.65
20-0800	4.55	3.45	20-0800	5.75	3.7	5.75	3.48	5.79	3.44	5.93	3.4
20-0900	5.5	4.35	20-0900	8.25	4.8	8.42	4.58	8.46	4.54	8.5	4.5
20-1000	8.4	8.33	20-1000	16.2	5.14	16.42	5.1	16.6	4.98	17	4.84
20-2000	10.3	8.53	20-2000	17.2	6.28	17.6	6.24	18	6.18	18.4	6.14
20-3000	15	14.9	20-3000	24	13.4	24.4	12.8	24.5	12.58	24.9	12.54
20-4000	23.7	18.6	20-4000	31	17.3	31.3	16.8	31.2	16.58	31.6	16.54
20-5000	31	29	20-5000	45	27	51.3	26.8	51.7	26.6	52.1	26.2

Air Pressure: 5 bar (72.52psi)

Mounting Operation		
<p>Remove any manual opening device from the valve, leaving the valve stem clear. Make sure that the shape of the stem fit the actuator output and that the rotation is not hindered in any way. Mount the actuator onto the valve, certaining it well on the stem. Make sure that the rotation direction is correct, in any case do not insert your hands inside the valve. We strongly suggest checking the cleanness of the air-supply pipes, especially when the plant is not provided with filters. A spacer between actuator and valve will be necessary with fluids at high temperature.</p>		
<p>Springs mounting form for spring return actuators:</p>		
ACUTATOR	DATA SHEET FLOW LINE SERIES 20/21 Double Acting an Spring Return Pneumatic Actuators Sizes 20-0075--20-5000	PART NO.
PRESSURE RATING		DRAWING NO. FL 20-21001
CUSTOMER/PROJECT		REV A
SPECIFICATION		DATE 4/3/2012
CERTIFIED BY J.D.		