SINGLE ACTING TORQUE OUTPUT VALUES METRIC UNIT SYSTEM (NM)

KINETROL®

Actuator Model	Air Direction or Spring Return Stroke	Pressure (bar)											
		1.7	2.0	2.4	2.8	3.1	3.5	3.8	4.1	4.5	4.8	5.2	5.5
01-120	Start						1.5		1.7		1.9		2.3
	End						0.9		1.1		1.5		1.8
02-120	Start						3.0	3.4	3.6	3.8	4.2	4.4	4.7
	End						1.4	1.7	2.0	2.4	2.8	3.3	3.7
03-120-5600	Start	2.8	3.4	4.1	4.8	5.3	5.7						
	End	2.1	2.8	3.5	4.2	4.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1
03-120	Start						6.3	6.9	7.5	8.1	8.9	9.5	10.3
	End						4.1	4.7	5.5	6.4	7.2	7.8	8.2
05-120	Start						13.0	14.1	15.3	16.4	18.1	19.2	20.9
	End						8.5	9.6	11.3	13.0	14.7	15.8	17.5
07-120-4000	Start	9.0	11.9	15.3	18.6	22.0							
	End	5.1	8.5	11.9	15.3	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
07-120	Start						30.5	33.9	37.3	40.7	43.5	46.9	50.8
	End						19.8	23.7	27.1	30.5	34.4	38.4	42.4
08-120	Start						52.7	57.2	61.7	67.2	72.7	77.0	81.3
	End						36.8	41.3	45.8	51.4	56.9	61.2	65.5
09-120-4200	Start	26.0	31.6	37.3	44.1	50.8							
	End	14.7	21.5	28.2	35.0	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
09-120	Start						61.0	67.8	74.6	81.9	89.3	96.6	104.0
	End						50.3	56.5	63.8	71.2	79.1	86.4	93.8
10-120-5800	Start	56.0	65.0	77.0	89.0	97.0	108.0						
	End	41.8	52.0	64.0	77.2	86.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10-120	Start						107.0	115.5	124.0	136.0	145.0	155.9	164.0
	End						78.0	90.0	102.0	114.6	124.0	134.9	143.0
12-120-4300	Start	54.0	68.9	83.6									
	End	42.9	57.6	72.3	72.03	72.03	72.03	72.03	72.03	72.03	72.03	72.03	72.03
12-120-4400	Start			89.3	103.0	117.0	132.0	147.0	161.0	176.0	191.0		
	End			66.1	80.2	94.9	110.0	124.0	139.0	154.0	168.0	168.0	168.0
12-120	Start						145.0	160.0	176.0	191.0	206.0	221.0	238.0
	End						111.0	127.0	142.0	158.0	174.0	189.0	204.0
14-120-4900	Start	192.0	220.0	249.0	288.0	322.0	356.0	390.0	424.0	469.0	497.0	529.0	529.0
	End	119.0	158.0	186.0	220.0	254.0	288.0	322.0	356.0	390.0	418.0	447.0	447.0
14-120	Start						374.0	408.0	442.0	479.0	517.0	554.0	588.0
	End						249.0	290.0	330.0	367.0	406.0	443.0	478.0
14-120-5000	Start	172.0	208.0	237.0									
	End	140.0	174.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0	198.0
15-120	Start						614.0	680.0	752.0	801.0	848.0	914.0	962.0
	End						392.0	392.0	522.0	590.0	656.0	723.0	790.0
16-120-6100	Start	359.0	428.0	497.0									
	End	245.0	333.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0	421.0
16-120-6000	Start			514.0	583.0	652.0	722.0						
	End			404.0	492.0	580.0	668.0	668.0	668.0	668.0	668.0	668.0	668.0
16-120	Start						864.0	939.0	1004.0	1097.0	1165.0	1256.0	1321.0
	End						576.0	660.0	742.0	832.0	906.0	1002.0	1081.0
18-120-7000	Start	807.0	970.0	1182.0	1260.0								
	End	484.0	736.0	967.0	1040.0	1040.0	1040.0	1040.0	1040.0	1040.01040.0		1040.0	1040.0
18-120	Start				1457.0	1637.0	1875.0	2053.0	2206.0	2426.02585.0		2800.0	2954.0
	End				874.0	1036.0	1250.0	1441.0	1630.0	1840.02011.0		2234.0	2417.0
20-120-8000	Start	1621.0	1940.0	2325.0	2692.0								
	End	1025.0	1362.0	1763.0	2203.0	2203.0	2203.0	2203.0	2203.0	2203.0	2203.0	2203.0	2203.0
20-120-7300	Start				2788.0	3072.0	3471.0	3739.0	4023.0				
	End				1958.0	2271.0	2632.0	2983.0	3291.0	3291.0	3291.0	3291.0	3291.0
20-120	Start								4121.0	4514.0	4798.0	5181.0	5456.0
	End								3046.0	3423.0	3732.0	4133.0	4464.0
30-120-7600	Start	2433.0	2878.0	3466.0	4038.0								
	End	1622.0	2127.0	2696.0	3304.0	3304.0	3304.0	3304.0	3304.0	3304.0	3304.0	3304.0	3304.0
30-120-8300	Start				4112.0	4554.0	5113.0						
	End				3118.0	3542.0	4183.0	4183.0	4183.0	4183.0	4183.0	4183.0	4183.0
30-120-7800	Start						5237.0	5676.0	6072.0	6648.0			
	End						3871.0	4304.0	4844.0	5440.0	5440.0	5440.0	5440.0
30-120	Start									6771.0	7179.0	7772.0	8184.0
	End									5134.0	5598.0	6200.0	6696.0
60-120-8400	Start				8343.0	9506.0	10669.0						
	End				6965.0	7936.0	8907.0	8907.0	8907.0	8907.0	8907.0	8907.0	8907.0
60-120-8500	Start						10669.0	11763.0	12858.0	13996.0			
	End						8907.0	9821.0	10734.011684.011684.0			11684.011684.0	
60-120	Start									14001.015145.0		16313.017437.0	
	End									11689.012644.0		13619.014558.0	