



Output Torque for Double Acting Actuators

Torque Output (Inch Lbs)					
Series No.	40 PSI 3 BAR	60 PSI 4.5 BAR	80 PSI 5.5 BAR	100 PSI 7 BAR	120 PSI 8BAR
22-0050	81	107	147	359	214
22-0125	189	251	346	845	503
22-0175	409	545	751	1834	1091
22-0250	874	1165	1601	3913	2329
22-0350	1363	1814	2496	6103	3629
22-0450	2328	3107	4266	10438	6213
22-0550	3549	4735	6505	15895	9462

Output Torque for Spring Return Actuators

Series No.	Number of Springs	Closing Torque (Spring)		Torque Output (Inch Lbs)									
				40 PSI / 3 BAR		60 PSI / 4.5 BAR		80 PSI / 5.5 BAR		100 PSI / 7 BAR		120 PSI / 8 BAR	
		Start	End	Start	End	Start	End	Start	End	Start	End	Start	End
23-0050	6	49	31	48	30								
	8	65	41	38	12	64	39	91	65				
	10	81	51			54	22	80	48	133	102	161	129
	12	98	62					70	31	123	85	150	112
23-0125	6	102	65	113	72								
	8	148	96	87	33	150	95.59	213	160				
	10	186	121			124	57	195	120	319	248	376	309
	12	221	145					162	81	287	206	349	269
23-0175	6	244	168	239	151								
	8	326	230	173	65	310	204	451	345				
	10	407	283			257	124	389	257	664	531	800	663
	12	496	336					336	168	602	443	743	58
23-0250	6	531	336	522	327								
	8	699	451	497	142	699	434	991	721				
	10	871	558			575	248	867	540	1452	1213	1744	1416
	12	1053	673					748	363	1337	938	1629	1230
23-0350	6	841	558	780	488								
	8	1115	743	584	195	1037	646	1487	1098				
	10	1390	929					1292	805	2205	1717	2655	2168
	12	1673	1115					1098	513	2009	1425	2461	1876
23-0450	6	1373	912	1372	894								
	8	1832	1221	1053	407	1832	1186	2611	1965				
	10	2284	1522			1514	708	2292	1478	3841	3036	4620	3815
	12	2744	1823					1974	1009	3523	2558	4302	3337
23-0550	6	2213	1487	1991	1221								
	8	2947	1974	1469	451	2655	1637	3832	2815				
	10	3691	2469			2133	859	3310	2036	5673	4399	6860	5585
	12	4426	2965					2797	1257	5151	3620	6346	4806

Note: 1. Torques are in inch pounds
 2. All torques are actual