

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																		MinOP psig	MOP psig	
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190			200
			Air Torque Output, lbf-in																				
GC01x08-SR0	Start	20,574															16,382	18,832	21,282	23,732	26,183	169	192
	Min	10,924															4,950	6,012	7,063	8,107	9,147		
	End	21,331															5,536	7,218	8,901	10,584	12,267		
GC01x09-SR0	Start	20,523											17,744	20,868	23,993	27,118	30,243	33,369	36,496	39,622	132	200	
	Min	10,909											5,551	6,894	8,225	9,551	10,873	12,192	13,511	14,827			
	End	21,258											6,471	8,616	10,762	12,908	15,055	17,201	19,349	21,496			
GC01x10-SR0	Start	20,462								18,510	22,656	26,802	30,949	35,096	39,244	43,392	47,541				100	166	
	Min	10,890								5,891	7,665	9,425	11,178	12,928	14,675	16,421	18,164						
	End	21,170								6,997	9,844	12,691	15,539	18,387	21,236	24,084	26,933						
GC01x12-SR0	Start	20,366						18,558	24,506	30,454	36,403	42,352	48,302								70	116	
	Min	10,861						5,931	8,470	10,987	13,495	15,998	18,499										
	End	21,032						7,030	11,115	15,199	19,285	23,370	27,456										
GC01x14-SR0	Start	20,290				20,223	27,457	34,692	41,928	49,164											57	91	
	Min	10,837				6,667	9,740	12,794	15,840	18,880													
	End	20,922				8,173	13,141	18,110	23,079	28,049													
GC01x08-SR1	Start	15,495												12,703	15,152	17,600	20,050	22,499	24,949	27,400	29,850	128	192
	Min	8,592												4,372	5,412	6,448	7,481	8,513	9,545	10,576	11,606		
	End	17,687												5,541	7,223	8,904	10,586	12,269	13,951	15,634	17,317		
GC01x09-SR1	Start	15,444								12,041	15,164	18,287	21,411	24,535	27,660	30,785	33,910	37,036	40,163	43,290	100	200	
	Min	8,577								4,099	5,426	6,746	8,063	9,379	10,693	12,007	13,320	14,633	15,945	17,258			
	End	17,614								5,087	7,231	9,376	11,521	13,667	15,813	17,959	20,105	22,252	24,399	26,546			
GC01x10-SR1	Start	15,383						13,887	18,032	22,177	26,323	30,469	34,616	38,763	42,911	47,059	51,208				76	166	
	Min	8,558						4,896	6,649	8,395	10,140	11,882	13,624	15,365	17,106	18,847	20,588						
	End	17,526						6,354	9,201	12,047	14,894	17,742	20,590	23,438	26,286	29,135	31,984						
GC01x12-SR1	Start	15,287			10,332	16,278	22,225	28,173	34,121	40,070	46,019	51,969									53	116	
	Min	8,530			3,401	5,929	8,435	10,935	13,433	15,929	18,425	20,921											
	End	17,389			3,913	7,997	12,081	16,165	20,250	24,335	28,421	32,507											
GC01x14-SR1	Start	15,211			16,656	23,890	31,124	38,359	45,595	52,832											43	91	
	Min	8,506			6,109	9,156	12,195	15,232	18,267	21,303													
	End	17,278			8,256	13,224	18,192	23,160	28,129	33,099													

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			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200
			Air Torque Output, lbf-in																				
GC01x08-SR2	Start	12,957									9,969	12,417	14,865	17,313	19,762	22,211	24,661	27,111	29,561	32,012	107	192	
	Min	7,358									3,599	4,634	5,666	6,697	7,728	8,758	9,787	10,816	11,845	12,874			
	End	15,539									4,703	6,383	8,065	9,746	11,428	13,110	14,792	16,474	18,157	19,840			
GC01x09-SR2	Start	12,907						7,958	11,080	14,203	17,325	20,449	23,573	26,697	29,821	32,947	36,072	39,198	42,325	45,451	84	200	
	Min	7,342						2,754	4,079	5,397	6,712	8,025	9,338	10,650	11,962	13,274	14,587	15,898	17,210	18,522			
	End	15,467						3,321	5,465	7,610	9,754	11,899	14,044	16,190	18,336	20,482	22,628	24,775	26,922	29,069			
GC01x10-SR2	Start	12,845					11,905	16,049	20,194	24,339	28,485	32,631	36,778	40,925	45,072	49,221	53,369				64	166	
	Min	7,324					4,439	6,185	7,928	9,669	11,410	13,150	14,891	16,630	18,370	20,109	21,849						
	End	15,378					6,032	8,878	11,724	14,571	17,418	20,265	23,113	25,961	28,809	31,658	34,507						
GC01x12-SR2	Start	12,750			12,494	18,440	24,387	30,335	36,283	42,232	48,181	54,131									44	116	
	Min	7,295			4,709	7,211	9,708	12,204	14,700	17,194	19,688	22,182											
	End	15,241			6,436	10,520	14,604	18,688	22,773	26,858	30,944	35,030											
GC01x14-SR2	Start	12,673		11,585	18,818	26,052	33,286	40,521	47,757	54,993											36	91	
	Min	7,272		4,347	7,391	10,427	13,463	16,497	19,530	22,563													
	End	15,130		5,812	10,779	15,747	20,715	25,684	30,653	35,622													
GC01x08-SR3	Start	11,292						7,063	9,510	11,958	14,405	16,853	19,302	21,750	24,200	26,649	29,099	31,549	34,000	94	192		
	Min	6,434						2,470	3,509	4,542	5,573	6,603	7,633	8,662	9,691	10,720	11,749	12,778	13,807				
	End	13,564						2,997	4,678	6,358	8,039	9,720	11,402	13,083	14,765	16,447	18,130	19,813	21,496				
GC01x09-SR3	Start	11,242				6,825	9,946	13,068	16,191	19,314	22,437	25,561	28,685	31,810	34,935	38,060	41,186	44,313	47,440	74	200		
	Min	6,418				2,379	3,703	5,020	6,334	7,647	8,959	10,271	11,583	12,895	14,206	15,518	16,829	18,141	19,452				
	End	13,491				2,833	4,977	7,121	9,265	11,410	13,555	15,700	17,846	19,991	22,138	24,284	26,431	28,578	30,725				
GC01x10-SR3	Start	11,180			9,749	13,893	18,037	22,182	26,327	30,473	34,619	38,766	42,913	47,061	51,209	55,358				56	166		
	Min	6,400			3,632	5,379	7,121	8,862	10,602	12,342	14,082	15,821	17,561	19,300	21,040	22,780							
	End	13,403			4,842	7,687	10,533	13,380	16,226	19,073	21,921	24,768	27,616	30,465	33,314	36,163							
GC01x12-SR3	Start	11,085		8,536	14,482	20,428	26,375	32,323	38,271	44,220	50,169	56,119								39	116		
	Min	6,371		3,142	5,648	8,146	10,641	13,137	15,631	18,125	20,619	23,113											
	End	13,265		4,009	8,092	12,175	16,259	20,344	24,429	28,514	32,599	36,686											
GC01x14-SR3	Start	11,008		13,573	20,806	28,040	35,274	42,509	49,745	56,981										32	91		
	Min	6,348		5,287	8,325	11,360	14,395	17,428	20,461	23,494													
	End	13,155		7,468	12,435	17,403	22,371	27,339	32,308	37,278													

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			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190			200
			Air Torque Output, lbf-in																				
GC01x08-SR4	Start	9,583						6,400	8,846	11,293	13,740	16,188	18,636	21,084	23,533	25,982	28,432	30,882	33,332	35,783	80	192	
	Min	5,536						2,364	3,398	4,429	5,458	6,487	7,516	8,545	9,573	10,602	11,630	12,658	13,687	14,715			
	End	11,793						3,017	4,697	6,377	8,058	9,739	11,420	13,101	14,783	16,465	18,147	19,830	21,513	23,196			
GC01x09-SR4	Start	9,532				5,486	8,607	11,729	14,851	17,973	21,096	24,220	27,343	30,468	33,592	36,717	39,843	42,969	46,095	49,222	60	200	
	Min	5,521				1,988	3,308	4,622	5,935	7,247	8,559	9,870	11,181	12,492	13,804	15,115	16,426	17,738	19,049	20,361			
	End	11,720				2,390	4,533	6,677	8,821	10,965	13,110	15,255	17,400	19,545	21,691	23,837	25,984	28,130	30,278	32,425			
GC01x10-SR4	Start	9,471			7,388	11,532	15,675	19,820	23,964	28,110	32,255	36,402	40,548	44,696	48,843	52,992	57,140				48	166	
	Min	5,502			2,807	4,552	6,293	8,033	9,773	11,512	13,251	14,991	16,730	18,469	20,209	21,948	23,688						
	End	11,631			3,696	6,541	9,387	12,233	15,079	17,926	20,773	23,620	26,468	29,316	32,165	35,013	37,862						
GC01x12-SR4	Start	9,375		10,319	16,265	22,211	28,158	34,106	40,054	46,002	51,952	57,902									33	116	
	Min	5,473		4,065	6,562	9,057	11,551	14,045	16,539	19,033	21,527	24,022											
	End	11,494		5,708	9,792	13,875	17,959	22,044	26,128	30,214	34,299	38,385											
GC01x14-SR4	Start	9,298	8,124	15,356	22,589	29,823	37,057	44,292	51,528	58,764											27	91	
	Min	5,450	3,163	6,202	9,237	12,270	15,303	18,336	21,369	24,403													
	End	11,384	4,201	9,168	14,135	19,102	24,070	29,039	34,008	38,978													

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			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190
Air Torque Output, lbf-in																						
GC2x09-SR1	Start	26,625																			141	187
	Min	14,496																				
	End	29,299																				
GC2x10-SR1	Start	26,551									23,808	28,824	33,840	38,857	43,875						107	141
	Min	14,473									8,017	10,149	12,270	14,388	16,501							
	End	29,192									10,142	13,590	17,037	20,485	23,933							
GC2x12-SR1	Start	26,434					18,849	26,044	33,240	40,436	47,633										74	100
	Min	14,438					5,912	8,991	12,038	15,072	18,102											
	End	29,024					6,735	11,679	16,624	21,570	26,516											
GC2x14-SR1	Start	26,342					20,865	29,617	38,369	47,122											60	81
	Min	14,410					6,806	10,530	14,226	17,911												
	End	28,892					8,120	14,134	20,149	26,165												
GC2x16-SR1	Start	26,223				25,983	37,542	49,103													46	61
	Min	14,374				9,017	13,903	18,768														
	End	28,720				11,637	19,581	27,526														
GC2x09-SR2	Start	22,998										17,451	21,230	25,010	28,790	32,571	36,352	40,133	43,915		123	187
	Min	12,677										5,787	7,398	9,000	10,597	12,191	13,784	15,376	16,966			
	End	25,955										7,070	9,667	12,264	14,862	17,460	20,058	22,657	25,257			
GC2x10-SR2	Start	22,923							17,143	22,157	27,173	32,189	37,205	42,222	47,240						92	141
	Min	12,655							5,667	7,803	9,925	12,040	14,153	16,263	18,372							
	End	25,848							6,857	10,304	13,750	17,197	20,645	24,093	27,541							
GC2x12-SR2	Start	22,807					22,214	29,409	36,605	43,801	50,998										65	100
	Min	12,619					7,851	10,891	13,921	16,946	19,971											
	End	25,680					10,343	15,287	20,232	25,178	30,124											
GC2x14-SR2	Start	22,715				15,479	24,230	32,981	41,734	50,487											53	81
	Min	12,592				5,003	8,729	12,420	16,101	19,780												
	End	25,548				5,714	11,728	17,742	23,757	29,773												
GC2x16-SR2	Start	22,595			17,789	29,347	40,907	52,467													40	61
	Min	12,555			6,023	10,917	15,780	20,636														
	End	25,377			7,301	15,245	23,189	31,134														

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			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200
			Air Torque Output, lbf-in																				
GC2x09-SR3	Start	20,605																				110	187
	Min	11,361																					
	End	23,175																					
GC2x10-SR3	Start	20,530																				83	141
	Min	11,339																					
	End	23,068																					
GC2x12-SR3	Start	20,414																				58	100
	Min	11,303																					
	End	22,900																					
GC2x14-SR3	Start	20,322																				48	81
	Min	11,275																					
	End	22,768																					
GC2x16-SR3	Start	20,203																				36	61
	Min	11,239																					
	End	22,597																					
GC2x09-SR4	Start	18,380																				99	187
	Min	10,038																					
	End	20,103																					
GC2x10-SR4	Start	18,305																				74	141
	Min	10,015																					
	End	19,996																					
GC2x12-SR4	Start	18,189																				52	100
	Min	9,980																					
	End	19,829																					
GC2x14-SR4	Start	18,097																				43	81
	Min	9,952																					
	End	19,697																					
GC2x16-SR4	Start	17,978																				32	61
	Min	9,916																					
	End	19,525																					

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			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200
			Air Torque Output, lbf-in																				
GC4x14-SR1	Start	95,574														87,589	100,388	113,187	125,988	138,791	151,594	149	194
	Min	50,674														27,787	33,264	38,706	44,129	49,541	54,941		
	End	99,715														34,063	42,855	51,648	60,442	69,236	78,032		
GC4x16-SR1	Start	95,399									81,838	98,785	115,734	132,685	149,637							113	147
	Min	50,621									25,336	32,607	39,812	46,985	54,138								
	End	99,463									30,112	41,754	53,398	65,042	76,687								
GC4x20-SR1	Start	95,047					83,679	110,640	137,604	164,569												71	92
	Min	50,514					26,203	37,717	49,126	60,490													
	End	98,957					31,377	49,898	68,421	86,945													
GC4x24-SR1	Start	94,792				90,958	130,230	169,504														49	63
	Min	50,437				29,370	46,043	62,592															
	End	98,591				36,378	63,356	90,335															
GC4x28-SR1	Start	93,705			114,803	170,249																34	45
	Min	50,106			39,897	63,294																	
	End	97,026			52,758	90,847																	
GC4x12-SR2	Start	83,625													69,031	79,525	90,021	100,517	111,014	121,513		159	200
	Min	43,713												20,165	24,734	29,242	33,720	38,178	42,623				
	End	84,219												22,485	29,694	36,904	44,114	51,326	58,538				
GC4x14-SR2	Start	83,489											77,787	90,583	103,380	116,179	128,979	141,780	154,582	167,385		131	194
	Min	43,671											24,016	29,516	34,971	40,399	45,814	51,215	56,614	62,001			
	End	84,024											28,500	37,290	46,081	54,873	63,666	72,460	81,254	90,050			
GC4x16-SR2	Start	83,314								80,683	97,629	114,576	131,526	148,476	165,428							99	147
	Min	43,618								25,298	32,550	39,748	46,914	54,063	61,201								
	End	83,772								30,489	42,130	53,772	65,416	77,060	88,705								
GC4x20-SR2	Start	82,962					72,510	99,470	126,432	153,395	180,360											60	92
	Min	43,511					21,833	33,405	44,827	56,199	67,541												
	End	83,266					24,875	43,395	61,916	80,439	98,963												
GC4x24-SR2	Start	82,707				106,749	146,021	185,295														43	63
	Min	43,433				36,535	53,123	69,643															
	End	82,900				48,396	75,374	102,353															
GC4x28-SR2	Start	81,620		75,152	130,594	186,041																30	45
	Min	43,102		23,403	46,999	70,345																	
	End	81,335		26,689	64,776	102,865																	

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			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200	
			Air Torque Output, lbf-in																					
GC5x16-SR3	Start	156,599														157,863	179,539	201,217	222,896	244,577	266,259	287,943	144	200
	Min	77,746														44,532	54,038	63,390	72,668	81,894	91,087	100,257		
	End	139,160														48,932	63,828	78,726	93,625	108,525	123,426	138,328		
GC5x20-SR3	Start	156,143								165,481	200,111	234,743	269,377	304,013	338,652	373,292	407,934	442,578					90	164
	Min	77,607								47,999	63,009	77,801	92,498	107,134	121,734	136,321	150,880	165,441						
	End	138,504								54,167	77,966	101,767	125,569	149,372	173,177	196,983	220,791	244,600						
GC5x24-SR3	Start	155,814					156,692	207,244	257,799	308,356	358,916	409,477	460,041										60	112
	Min	77,506					44,163	66,114	87,626	109,000	130,296	151,549	172,792											
	End	138,031					48,127	82,869	117,612	152,357	187,103	221,851	256,601											
GC5x28-SR3	Start	154,407				208,707	280,184	351,666	423,152	494,642													44	80
	Min	77,074				67,257	97,628	127,785	157,852	187,876														
	End	136,007				83,874	132,996	182,121	231,249	280,380														
GC5x32-SR3	Start	153,838			224,893	318,488	412,088	505,693															33	61
	Min	76,900			74,310	113,936	153,326	192,633																
	End	135,188			94,997	159,320	223,645	287,974																
GC5x36-SR3	Start	153,269	146,373	205,704	324,371	443,044																	26	48
	Min	76,725	40,326	66,266	116,555	166,471																		
	End	134,369	41,036	81,810	163,363	244,919																		
GC5x16-SR4	Start	130,589											136,128	157,801	179,475	201,152	222,829	244,509	266,190	287,872	309,556	121	200	
	Min	65,287											39,715	49,122	58,410	67,636	76,825	85,987	95,132	104,269	113,394			
	End	117,679											45,015	59,910	74,806	89,702	104,600	119,499	134,399	149,300	164,202			
GC5x20-SR4	Start	130,133							152,465	187,094	221,724	256,356	290,990	325,626	360,265	394,905	429,547	464,191					76	164
	Min	65,147							46,920	61,752	76,450	91,078	105,671	120,236	134,795	149,337	163,870	178,404						
	End	117,023							56,243	80,041	103,840	127,641	151,443	175,246	199,051	222,857	246,665	270,474						
GC5x24-SR4	Start	129,804				127,754	178,304	228,857	279,412	329,969	380,529	431,090	481,654										52	112
	Min	65,046				36,178	58,058	79,508	100,829	122,092	143,330	164,538	185,745											
	End	116,550				39,261	74,001	108,743	143,486	178,231	212,977	247,725	282,475											
GC5x28-SR4	Start	128,397			158,847	230,320	301,797	373,279	444,765	516,255													37	80
	Min	64,615			50,229	80,637	110,779	140,829	170,829	200,823														
	End	114,525			60,629	109,748	158,870	207,995	257,123	306,254														
GC5x32-SR4	Start	127,828		152,915	246,506	340,101	433,701	527,306															28	61
	Min	64,440		47,826	87,618	127,015	166,311	205,573																
	End	113,707		56,552	120,871	185,194	249,520	313,849																

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																	MinOP psig	MOP psig		
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200
			Air Torque Output, lbf-in																				
GC7x24-SR1	Start	428,674												423,995	485,823	547,653	609,487	671,324	733,165			138	178
	Min	209,294												113,065	140,681	167,565	194,142	220,531	246,811				
	End	366,688													118,547	161,026	203,506	245,988	288,473	330,960			
GC7x28-SR1	Start	426,967								493,203	580,748	668,299	755,856									97	126
	Min	208,770								144,625	182,534	219,974	257,175										
	End	364,234								166,096	226,243	286,395	346,550										
GC7x32-SR1	Start	426,268					419,856	534,568	649,287	764,012												74	96
	Min	208,556					111,993	162,755	211,996	260,743													
	End	363,229					115,704	194,516	273,332	352,153													
GC7x36-SR1	Start	425,569					489,007	634,527	780,054													59	76
	Min	208,341					143,071	205,826	267,673														
	End	362,223					163,213	263,192	363,175														
GC7xT28-SR1	Start	421,668				485,388	660,421	835,465														49	63
	Min	207,145				142,917	218,299	292,558															
	End	356,612				160,727	280,982	401,245															
GC7x24-SR2	Start	378,472										403,740	465,564	527,391	589,222	651,056	712,893	774,733				122	178
	Min	185,273										113,721	140,791	167,410	193,801	220,069	246,257	272,385					
	End	325,387										125,997	168,473	210,951	253,431	295,914	338,398	380,885					
GC7x28-SR2	Start	376,766							447,232	534,772	622,317	709,868	797,424									86	126
	Min	184,750							133,518	171,262	208,594	245,703	282,707										
	End	322,933							155,878	216,021	276,169	336,320	396,475										
GC7x32-SR2	Start	376,067					461,425	576,137	690,855	805,580												66	96
	Min	184,535					139,823	189,060	237,781	286,253													
	End	321,927					165,629	244,441	323,258	402,079													
GC7x36-SR2	Start	375,368				385,063	530,576	676,095	821,622													52	76
	Min	184,321				106,355	169,743	231,658	293,141														
	End	320,922				113,165	213,139	313,117	413,100														
GC7xT28-SR2	Start	371,467				526,956	701,989	877,034														43	63
	Min	183,124				169,594	244,041	317,942															
	End	315,311				210,652	330,907	451,170															

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																	MinOP psig	MOP psig					
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200			
			Air Torque Output, lbf-in																							
GC7x20-SR3	Start	312,156														309,360	351,619	393,881	436,146	478,414	520,684	562,958	147	200		
	Min	153,456														84,228	102,995	121,346	139,502	157,544	175,514	193,441				
	End	271,036														89,522	118,556	147,591	176,629	205,669	234,711	263,755				
GC7x24-SR3	Start	311,730									335,422	397,240	459,060	520,884	582,712	644,542	706,376	768,213	830,054				101	178		
	Min	153,325									95,891	122,803	149,299	175,591	201,776	227,901	253,955	280,002	305,996							
	End	270,422									107,428	149,899	192,373	234,848	277,326	319,807	362,289	404,774	447,261							
GC7x28-SR3	Start	310,023						327,491	415,019	502,553	590,092	677,637	765,188	852,745									71	126		
	Min	152,802						93,037	131,113	168,491	205,584	242,550	279,451	316,273												
	End	267,968						101,979	162,114	222,254	282,397	342,544	402,696	462,851												
GC7x32-SR3	Start	309,324					402,040	516,745	631,457	746,176	860,901												54	96		
	Min	152,587					125,679	174,646	223,195	271,558	319,811															
	End	266,962					153,197	232,005	310,817	389,633	468,454															
GC7x36-SR3	Start	308,625				440,384	585,896	731,416	876,943														43	76		
	Min	152,373				142,280	204,082	265,472	326,683																	
	End	265,957				179,541	279,514	379,493	479,476																	
GC7xT28-SR3	Start	304,724			407,256	582,277	757,310	932,354															36	63		
	Min	151,176			129,448	203,935	277,797	351,427																		
	End	260,346			156,781	277,028	397,283	517,546																		
GC7x20-SR4	Start	261,955														266,419	308,672	350,928	393,188	435,449	477,714	519,982	562,253	604,527	124	200
	Min	129,435														74,639	93,193	111,410	129,462	147,425	165,332	183,199	201,029	218,846		
	End	229,734														81,386	110,415	139,447	168,481	197,517	226,554	255,594	284,636	313,680		
GC7x24-SR4	Start	261,528							253,365	315,176	376,991	438,808	500,629	562,453	624,280	686,111	747,945	809,782	871,622					85	178	
	Min	129,305							68,791	96,035	122,573	148,856	175,017	201,105	227,157	253,154	279,147	305,121	331,069							
	End	229,120							72,417	114,884	157,353	199,824	242,298	284,774	327,252	369,732	412,215	454,699	497,186							
GC7x28-SR4	Start	259,822					281,537	369,060	456,588	544,121	631,661	719,206	806,757	894,314										60	126	
	Min	128,781					82,013	119,828	157,051	194,050	230,949	267,769	304,571	341,327												
	End	226,666					91,772	151,904	212,039	272,179	332,322	392,470	452,621	512,776												
GC7x32-SR4	Start	259,123				328,910	443,608	558,314	673,026	787,744	902,470													46	96	
	Min	128,567				102,765	151,689	200,166	248,470	296,705	344,859															
	End	225,661				124,319	203,122	281,930	360,742	439,559	518,380															
GC7x36-SR4	Start	258,424			336,448	481,953	627,465	772,985	918,511															36	76	
	Min	128,352			106,171	168,078	229,455	290,638	351,718																	
	End	224,655			129,498	229,466	329,440	429,418	529,401																	
GC7xT28-SR4	Start	254,522		273,814	448,824	623,846	798,879	973,923																30	63	
	Min	127,155		80,303	155,408	229,309	302,920	376,418																		
	End	219,044		86,466	206,706	326,953	447,208	567,471																		

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																	MinOP psig	MOP psig		
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200
			Air Torque Output, lbf-in																				
GC8x24-SR1	Start	634,086																604,926	677,629	750,336	823,048	173	200
	Min	324,826																179,006	210,454	241,604	272,582		
	End	614,169																209,514	259,471	309,432	359,395		
GC8x28-SR1	Start	632,038									604,046	707,212	810,384	913,563	1,016,750	1,119,943	1,223,143					122	172
	Min	324,200									179,519	224,065	268,115	311,922	355,567	399,121	442,608						
	End	611,222									208,909	279,799	350,693	421,592	492,496	563,405	634,318						
GC8x32-SR1	Start	631,210							583,197	718,547	853,905	989,270	1,124,644	1,260,025								93	131
	Min	323,947							170,544	229,051	286,742	344,064	401,205	458,247									
	End	610,031							194,583	287,588	380,598	473,614	566,635	659,662									
GC8x36-SR1	Start	630,382					566,826	738,665	910,513	1,082,369	1,254,235											73	103
	Min	323,694					163,511	237,801	310,881	383,521	455,928												
	End	608,839					183,334	301,412	419,496	537,586	655,683												
GC8x40-SR1	Start	629,553				638,606	851,241	1,063,885	1,276,539													59	84
	Min	323,441				194,985	285,915	375,873	465,457														
	End	607,647				232,657	378,768	524,885	671,009														
GC8xT32-SR1	Start	624,021			707,944	978,582	1,249,236															47	65
	Min	321,750			226,789	341,809	455,977																
	End	599,687			280,302	466,270	652,248																
GC8xT36-SR1	Start	622,365		726,919	1,070,545	1,414,188																37	52
	Min	321,244		235,295	381,034	525,681																	
	End	597,304		293,341	529,461	765,594																	

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																	MinOP psig	MOP psig		
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200
			Air Torque Output, lbf-in																				
GC8x24-SR2	Start	510,356													480,655	553,347	626,043	698,742	771,446	844,153	916,865	140	200
	Min	267,296													149,228	180,357	211,254	242,034	272,744	303,371	333,991		
	End	520,926													182,741	232,691	282,643	332,599	382,556	432,517	482,480		
GC8x28-SR2	Start	508,308								491,552	594,704	697,863	801,028	904,201	1,007,380	1,110,566	1,213,760	1,316,960				98	172
	Min	266,672								154,751	198,811	242,533	286,096	329,577	372,961	416,345	459,666	502,974					
	End	517,980								190,229	261,109	331,994	402,884	473,778	544,677	615,581	686,490	757,403					
GC8x32-SR2	Start	507,480							541,671	677,013	812,364	947,722	1,083,087	1,218,461	1,353,842							75	131
	Min	266,420							176,364	233,855	290,998	347,995	404,901	461,742	518,549								
	End	516,788							224,668	317,668	410,673	503,683	596,699	689,720	782,747								
GC8x36-SR2	Start	506,652					488,813	660,643	832,482	1,004,330	1,176,186	1,348,051										59	103
	Min	266,168					153,896	227,081	299,623	371,930	444,131	516,239											
	End	515,597					188,347	306,419	424,497	542,581	660,671	778,768											
GC8x40-SR2	Start	505,823				519,797	732,422	945,057	1,157,702	1,370,356												48	84
	Min	265,916				167,367	257,595	347,174	436,524	525,737													
	End	514,405				209,637	355,742	501,853	647,970	794,094													
GC8xT32-SR2	Start	500,291			531,139	801,761	1,072,399	1,343,052														38	65
	Min	264,231			174,116	288,768	402,658	516,289															
	End	506,445			217,431	403,387	589,355	775,333															
GC8xT36-SR2	Start	498,635		477,128	820,736	1,164,362	1,508,005															30	52
	Min	263,726		151,391	297,152	441,654	585,853																
	End	504,061		180,317	416,426	652,546	888,679																

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																		MinOP psig	MOP psig				
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190			200			
			Air Torque Output, lbf-in																							
GC8x24-SR3	Start	432,733														414,455	487,139	559,827	632,519	705,215	777,914	850,618	923,325	996,036	119	200
	Min	226,956														129,863	160,926	191,776	222,499	253,145	283,760	314,316	344,872	375,399		
	End	442,239														160,068	210,013	259,960	309,909	359,862	409,817	459,775	509,735	559,698		
GC8x28-SR3	Start	430,685							364,441	467,579	570,724	673,876	777,035	880,200	983,373	1,086,552	1,189,738	1,292,931	1,396,131						84	172
	Min	226,332							109,053	153,415	197,221	240,790	284,257	327,636	370,995	414,299	457,604	500,911	544,166							
	End	439,293							125,701	196,572	267,448	338,328	409,213	480,102	550,997	621,896	692,800	763,708	834,621							
GC8x32-SR3	Start	429,857						485,508	620,843	756,185	891,535	1,026,893	1,162,259	1,297,633	1,433,014										64	131
	Min	226,080						161,205	218,550	275,615	332,527	389,377	446,181	502,986	559,721											
	End	438,101						208,892	301,887	394,886	487,891	580,902	673,918	766,939	859,965											
GC8x36-SR3	Start	429,028				396,163	567,985	739,815	911,654	1,083,502	1,255,358	1,427,223													50	103
	Min	225,827				123,150	196,381	268,874	341,132	413,269	485,376	557,414														
	End	436,910				147,499	265,565	383,637	501,716	619,800	737,890	855,986														
GC8x40-SR3	Start	428,200			386,353	598,969	811,594	1,024,229	1,236,874	1,449,528															41	84
	Min	225,575			119,113	209,656	299,242	388,558	477,769	566,900																
	End	435,718			140,758	286,856	432,960	579,071	725,189	871,313																
GC8xT32-SR3	Start	422,668			610,311	880,933	1,151,571	1,422,224																	32	65
	Min	223,890			216,328	330,302	443,942	557,463																		
	End	427,758			294,649	480,606	666,573	852,551																		
GC8xT36-SR3	Start	421,011	384,502	556,300	899,908	1,243,533	1,587,176																		25	52
	Min	223,386	120,636	193,910	338,667	482,899	626,938																			
	End	425,374	139,486	257,536	493,644	729,765	965,897																			

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																	MinOP psig	MOP psig	
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190
Air Torque Output, lbf-in																						
GC10x40-SR1	Start	1,458,912								1,515,930	1,793,955	2,071,993	2,350,043								105	128
	Min	706,660								409,251	532,341	652,409	771,230									
	End	1,222,016									435,451	626,545	817,647	1,008,758								
GC10xT32-SR1	Start	1,451,435						1,548,472	1,901,428	2,254,406	2,607,404										82	100
	Min	704,354						426,860	581,875	733,433	883,589											
	End	1,211,257							457,818	700,414	943,024	1,185,649										
GC10xT36-SR1	Start	1,449,259					1,863,410	2,312,217	2,761,046												65	80
	Min	703,683					565,859	758,459	949,120													
	End	1,208,127						674,283	982,759	1,291,251												
GC10xT40-SR1	Start	1,447,084			1,498,488	2,054,410	2,610,356														52	64
	Min	703,012			405,127	648,636	885,616															
	End	1,204,997			423,463	805,562	1,187,678															
GC10x32-SR2	Start	1,177,196											1,231,454	1,407,985	1,584,525	1,761,077	1,937,638	2,114,210	2,290,792	2,467,385	133	200
	Min	579,592											347,605	424,933	501,028	576,494	651,593	726,471	801,117	875,687		
	End	1,028,362												386,298	507,632	628,972	750,321	871,676	993,038	1,114,408		
GC10x36-SR2	Start	1,176,108								1,179,672	1,404,110	1,628,559	1,853,021	2,077,493	2,301,978	2,526,474					104	158
	Min	579,259								324,654	423,405	520,032	615,779	711,039	805,964	900,707						
	End	1,026,797									350,706	504,968	659,238	813,516	967,802	1,122,096	1,276,397					
GC10x40-SR2	Start	1,175,021						1,157,887	1,435,886	1,713,898	1,991,922	2,269,960	2,548,010							84	128	
	Min	578,925						315,025	437,343	556,695	674,904	792,578	909,922									
	End	1,025,232							335,733	526,809	717,893	908,987	1,100,089	1,291,200								
GC10xT32-SR2	Start	1,167,543					1,393,503	1,746,439	2,099,396	2,452,373	2,805,372									66	100	
	Min	576,629					421,790	573,383	723,345	872,528	1,021,363											
	End	1,014,473						497,678	740,260	982,856	1,225,466	1,468,091										
GC10xT36-SR2	Start	1,165,368			1,163,835	1,612,595	2,061,378	2,510,184	2,959,013											52	80	
	Min	575,962			320,987	516,623	707,626	897,278	1,086,364													
	End	1,011,343			339,821	648,265	956,725	1,265,201	1,573,693													
GC10xT40-SR2	Start	1,163,193		1,140,560	1,696,456	2,252,377	2,808,324													42	64	
	Min	575,294		310,935	552,971	788,867	1,023,377															
	End	1,008,214		323,824	705,905	1,088,004	1,470,120															

Torque - Pneumatic Spring Return Actuator

Actuator Model	Imperial Unit	Spring Torque lbf-in	Operating Pressure, psig																	MinOP psig	MOP psig										
			25	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			190	200								
			Air Torque Output, lbf-in																												
GC10x32-SR3	Start	1,073,037																			1,223,630	1,400,150	1,576,681	1,753,222	1,929,773	2,106,334	2,282,906	2,459,489	2,636,081	121	200
	Min	511,492																			338,496	416,297	492,621	568,260	643,472	718,377	793,098	867,744	942,189		
	End	860,675																				368,599	489,925	611,259	732,600	853,948	975,303	1,096,665	1,218,035		
GC10x36-SR3	Start	1,071,949																			1,123,942	1,348,368	1,572,806	1,797,256	2,021,717	2,246,190	2,470,674	2,695,170		95	158
	Min	511,157																			293,193	393,853	491,111	587,187	682,620	777,702	872,586	967,209			
	End	859,110																				300,080	454,334	608,596	762,866	917,143	1,071,429	1,225,723	1,380,025		
GC10x40-SR3	Start	1,070,861																			1,326,583	1,604,582	1,882,594	2,160,619	2,438,656	2,716,706				77	128
	Min	510,822																			384,509	504,949	623,691	741,688	859,204	976,425					
	End	857,545																				439,360	630,436	821,521	1,012,614	1,203,716	1,394,827				
GC10xT32-SR3	Start	1,063,384																			1,209,284	1,562,199	1,915,135	2,268,092	2,621,070	2,974,068				60	100
	Min	508,516																			335,209	489,514	640,360	789,971	939,030	1,087,799					
	End	846,786																				358,738	601,305	843,887	1,086,483	1,329,094	1,571,718				
GC10xT36-SR3	Start	1,061,208																			1,332,531	1,781,291	2,230,074	2,678,880	3,127,710					48	80
	Min	507,845																			390,390	583,793	774,300	963,780	1,152,776						
	End	843,656																				443,449	751,893	1,060,352	1,368,828	1,677,320					
GC10xT40-SR3	Start	1,059,033																			1,309,257	1,865,152	2,421,073	2,977,020						38	64
	Min	507,174																			380,682	619,983	855,493	1,089,808							
	End	840,526																				427,452	809,533	1,191,631	1,573,747						
GC10x28-SR4	Start	860,884																												128	200
	Min	418,286																													
	End	724,689																													
GC10x32-SR4	Start	859,796																												97	200
	Min	417,950																													
	End	723,124																													
GC10x36-SR4	Start	858,708																												77	158
	Min	417,615																													
	End	721,559																													
GC10x40-SR4	Start	857,621																												60	128
	Min	417,279																													
	End	719,994																													
GC10xT32-SR4	Start	850,143																												49	100
	Min	414,973																													
	End	709,235																													
GC10xT36-SR4	Start	847,968																												38	80
	Min	414,303																													
	End	706,105																													
GC10xT40-SR4	Start	845,793																												31	64
	Min	413,632																													
	End	702,975																													