

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																				
G01x08-SR0	Start	24,320															13,287	15,283	17,279	19,275	21,271	169	192
	Min	10,917															5,172	6,245	7,308	8,365	9,419		
	End	17,446															6,486	8,470	10,455	12,439	14,425		
G01x09-SR0	Start	24,260											14,396	16,941	19,487	22,033	24,579	27,125	29,672	32,220	132	200	
	Min	10,901											5,779	7,137	8,485	9,827	11,166	12,502	13,837	15,170			
	End	17,386											7,589	10,119	12,650	15,181	17,713	20,245	22,778	25,310			
G01x10-SR0	Start	24,187								15,020	18,398	21,775	25,153	28,532	31,911	35,290	38,670				100	166	
	Min	10,882								6,123	7,918	9,700	11,476	13,247	15,015	16,783	18,550						
	End	17,314								8,209	11,567	14,926	18,284	21,644	25,003	28,363	31,724						
G01x12-SR0	Start	24,075					15,060	19,905	24,750	29,597	34,443	39,290										70	116
	Min	10,853					6,164	8,733	11,281	13,821	16,355	18,888											
	End	17,202					8,248	13,066	17,884	22,702	27,521	32,341											
G01x14-SR0	Start	23,984					16,416	22,309	28,203	34,098	39,993											57	91
	Min	10,829					6,908	10,019	13,111	16,194	19,274												
	End	17,112					9,597	15,456	21,317	27,178	33,039												
G01x08-SR1	Start	18,307											10,316	12,311	14,305	16,301	18,296	20,292	22,288	24,285	128	192	
	Min	8,627											4,515	5,567	6,616	7,662	8,707	9,752	10,796	11,839			
	End	14,450											6,512	8,495	10,478	12,462	14,446	16,431	18,416	20,401			
G01x09-SR1	Start	18,248								9,776	12,320	14,865	17,410	19,955	22,500	25,046	27,592	30,139	32,686	35,233	100	200	
	Min	8,612								4,238	5,581	6,918	8,252	9,584	10,914	12,244	13,574	14,904	16,233	17,561			
	End	14,390								5,975	8,505	11,035	13,565	16,095	18,626	21,158	23,689	26,221	28,754	31,286			
G01x10-SR1	Start	18,175						11,280	14,657	18,034	21,411	24,789	28,167	31,546	34,924	38,304	41,684				76	166	
	Min	8,593						5,044	6,819	8,588	10,354	12,118	13,882	15,645	17,407	19,169	20,932						
	End	14,318						7,471	10,828	14,185	17,543	20,902	24,261	27,620	30,980	34,340	37,700						
G01x12-SR1	Start	18,062				8,384	13,229	18,073	22,918	27,764	32,610	37,457	42,304									53	116
	Min	8,563				3,532	6,090	8,628	11,159	13,689	16,216	18,743	21,270										
	End	14,206				4,591	9,408	14,225	19,042	23,860	28,678	33,497	38,317										
G01x14-SR1	Start	17,972				13,536	19,429	25,323	31,217	37,111	43,006											43	91
	Min	8,540				6,273	9,358	12,435	15,510	18,583	21,656												
	End	14,116				9,714	15,573	21,433	27,293	33,154	39,015												

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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																					
G01x08-SR2	Start	15,305																				107	192	
	Min	7,405									8,099	10,093	12,088	14,082	16,077	18,072	20,068	22,064	24,060	26,057				
	End	12,688									5,530	7,513	9,496	11,479	13,462	15,446	17,430	19,415	21,400	23,385				
G01x09-SR2	Start	15,245								6,461	9,004	11,548	14,092	16,637	19,181	21,726	24,272	26,818	29,364	31,911	34,458	37,005	84	200
	Min	7,389								2,848	4,189	5,523	6,855	8,184	9,514	10,842	12,171	13,499	14,827	16,156	17,484	18,813		
	End	12,629									3,901	6,430	8,959	11,489	14,018	16,549	19,079	21,610	24,142	26,673	29,205	31,738		
G01x10-SR2	Start	15,173								9,676	13,052	16,429	19,806	23,183	26,561	29,939	33,317	36,696	40,076	43,455			64	166
	Min	7,370								4,553	6,321	8,086	9,849	11,611	13,373	15,135	16,897	18,659	20,420	22,181				
	End	12,557									7,098	10,455	13,812	17,169	20,527	23,886	27,245	30,604	33,964	37,324	40,684			
G01x12-SR2	Start	15,060								10,156	15,000	19,845	24,690	29,536	34,382	39,228	44,075						44	116
	Min	7,341								4,827	7,360	9,889	12,415	14,942	17,468	19,994	22,519							
	End	12,445									7,575	12,391	17,209	22,026	26,844	31,662	36,481	41,301						
G01x14-SR2	Start	14,970								9,416	15,308	21,201	27,094	32,988	38,883	44,778							36	91
	Min	7,318								4,461	7,542	10,617	13,690	16,762	19,834	22,905								
	End	12,355									6,839	12,698	18,557	24,417	30,277	36,138	41,999							
G01x08-SR3	Start	13,338																					94	192
	Min	6,476																						
	End	11,075																						
G01x09-SR3	Start	13,279																					74	200
	Min	6,460																						
	End	11,016																						
G01x10-SR3	Start	13,206																					56	166
	Min	6,441																						
	End	10,943																						
G01x12-SR3	Start	13,093																					39	116
	Min	6,412																						
	End	10,831																						
G01x14-SR3	Start	13,003																					32	91
	Min	6,388																						
	End	10,742																						

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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																				
G01x08-SR4	Start	11,318							5,199	7,192	9,186	11,179	13,173	15,167	17,162	19,157	21,152	23,148	25,144	27,140	29,136	80	192
	Min	5,578							2,432	3,478	4,522	5,564	6,607	7,648	8,689	9,731	10,772	11,814	12,855	13,896	14,937		
	End	9,626								3,548	5,530	7,511	9,494	11,476	13,459	15,442	17,426	19,410	21,394	23,378	25,363		
G01x09-SR4	Start	11,258					4,455	6,998	9,541	12,084	14,628	17,172	19,716	22,261	24,806	27,352	29,898	32,444	34,990	37,537	40,085	60	200
	Min	5,563					2,051	3,387	4,718	6,047	7,376	8,703	10,031	11,359	12,687	14,014	15,342	16,669	17,997	19,325	20,652		
	End	9,567					2,808	5,336	7,865	10,393	12,923	15,452	17,982	20,512	23,043	25,574	28,105	30,637	33,169	35,701	38,234		
G01x10-SR4	Start	11,185				6,005	9,380	12,756	16,132	19,508	22,885	26,263	29,640	33,018	36,397	39,776	43,155	46,535				48	166
	Min	5,544				2,880	4,647	6,410	8,172	9,933	11,695	13,455	15,216	16,977	18,737	20,498	22,260	24,021					
	End	9,495				4,349	7,705	11,061	14,418	17,775	21,133	24,491	27,849	31,208	34,567	37,927	41,287	44,648					
G01x12-SR4	Start	11,073			8,392	13,236	18,080	22,925	27,770	32,615	37,462	42,308	47,155									33	116
	Min	5,515			4,153	6,682	9,208	11,734	14,259	16,784	19,308	21,833	24,359										
	End	9,383			6,722	11,539	16,355	21,172	25,990	30,807	35,626	40,445	45,264										
G01x14-SR4	Start	10,982		6,604	12,495	18,388	24,281	30,174	36,068	41,963	47,858											27	91
	Min	5,491		3,240	6,318	9,390	12,462	15,532	18,603	21,673	24,744												
	End	9,293		4,944	10,802	16,661	22,520	28,380	34,240	40,101	45,963												

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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																					
G2x09-SR1	Start	31,457													17,576	20,656	23,737	26,819	29,900	32,983		141	187	
	Min	14,529													7,342	8,977	10,602	12,222	13,838	15,454				
	End	23,953													10,161	13,224	16,288	19,352	22,417	25,482				
G2x10-SR1	Start	31,369										19,338	23,426	27,514	31,603	35,692						107	141	
	Min	14,506										8,289	10,448	12,597	14,740	16,880								
	End	23,866										11,913	15,978	20,044	24,110	28,176								
G2x12-SR1	Start	31,232					15,298	21,161	27,025	32,889	38,754												74	100
	Min	14,470					6,160	9,276	12,361	15,434	18,501													
	End	23,729					7,895	13,726	19,557	25,389	31,222													
G2x14-SR1	Start	31,123					16,940	24,072	31,205	38,338													60	81
	Min	14,441					7,064	10,834	14,576	18,307														
	End	23,622					9,528	16,621	23,714	30,808														
G2x16-SR1	Start	30,983				21,111	30,531	39,952															46	61
	Min	14,405				9,302	14,249	19,176																
	End	23,482				13,676	23,044	32,412																
G2x09-SR2	Start	27,168										14,172	17,251	20,331	23,412	26,493	29,574	32,656	35,738			123	187	
	Min	12,722										5,996	7,627	9,249	10,866	12,481	14,093	15,706	17,316					
	End	21,214										8,299	11,362	14,425	17,488	20,552	23,616	26,681	29,746					
G2x10-SR2	Start	27,080							13,920	18,007	22,094	26,181	30,269	34,358	38,447							92	141	
	Min	12,699							5,874	8,037	10,185	12,328	14,467	16,604	18,739									
	End	21,126								8,049	12,113	16,178	20,242	24,308	28,374	32,440								
G2x12-SR2	Start	26,942						18,053	23,916	29,780	35,645	41,510										65	100	
	Min	12,663						8,085	11,163	14,232	17,296	20,358												
	End	20,990							12,159	17,990	23,821	29,653	35,486											
G2x14-SR2	Start	26,834				12,564	19,696	26,828	33,960	41,094												53	81	
	Min	12,635				5,202	8,974	12,712	16,441	20,164														
	End	20,882				6,701	13,793	20,885	27,978	35,072														
G2x16-SR2	Start	26,693			14,447	23,866	33,286	42,707														40	61	
	Min	12,598			6,235	11,190	16,115	21,031																
	End	20,742			8,573	17,940	27,308	36,677																

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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																							
G2x09-SR3	Start	24,341																				110	187
	Min	11,399																					
	End	18,942																					
G2x10-SR3	Start	24,254																				83	141
	Min	11,376																					
	End	18,855																					
G2x12-SR3	Start	24,116																				58	100
	Min	11,341																					
	End	18,718																					
G2x14-SR3	Start	24,008																				48	81
	Min	11,312																					
	End	18,610																					
G2x16-SR3	Start	23,867																				36	61
	Min	11,276																					
	End	18,471																					
G2x09-SR4	Start	21,716																				99	187
	Min	10,059																					
	End	16,437																					
G2x10-SR4	Start	21,628																				74	141
	Min	10,036																					
	End	16,349																					
G2x12-SR4	Start	21,491																				52	100
	Min	10,000																					
	End	16,213																					
G2x14-SR4	Start	21,382																				43	81
	Min	9,971																					
	End	16,105																					
G2x16-SR4	Start	21,241																				32	61
	Min	9,935																					
	End	15,965																					

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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																							
G3x10-SR1	Start	55,226															29,778	34,706	39,634	44,563	49,493	54,423	155	200		
	Min	25,379															12,160	14,779	17,382	19,976	22,565	25,148				
	End	41,869															16,576	21,478	26,381	31,284	36,187	41,092				
G3x12-SR1	Start	55,059										33,690	40,779	47,868	54,958	62,048							108	142		
	Min	25,336										14,264	18,007	21,733	25,448	29,157										
	End	41,703										20,468	27,519	34,571	41,623	48,676										
G3x14-SR1	Start	54,927								33,277	41,909	50,541	59,173										88	117		
	Min	25,301								14,075	18,630	23,162	27,682													
	End	41,572								20,057	28,643	37,229	45,817													
G3x16-SR1	Start	54,756						35,334	46,748	58,163	69,579												67	90		
	Min	25,256						15,193	21,201	27,181	33,146															
	End	41,401						22,103	33,457	44,811	56,167															
G3x20-SR1	Start	54,415			27,622	45,750	63,879																42	56		
	Min	25,167			11,162	20,743	30,229																			
	End	41,063			14,432	32,464	50,498																			
G3x10-SR2	Start	48,131												25,359	30,286	35,213	40,141	45,070	49,999	54,928	59,859		135	200		
	Min	22,144												10,308	12,929	15,531	18,123	20,709	23,292	25,870	28,448					
	End	36,463												13,830	18,731	23,632	28,534	33,436	38,339	43,243	48,147					
G3x12-SR2	Start	47,964								24,951	32,038	39,126	46,214	53,303	60,393	67,484							94	142		
	Min	22,100								10,116	13,880	17,612	21,330	25,041	28,747	32,450										
	End	36,297								13,424	20,473	27,524	34,575	41,626	48,679	55,732										
G3x14-SR2	Start	47,832						30,082	38,713	47,344	55,976	64,609											77	117		
	Min	22,066						12,875	17,424	21,950	26,466	30,978														
	End	36,165						18,528	27,113	35,699	44,285	52,872														
G3x16-SR2	Start	47,661					29,356	40,769	52,183	63,598	75,014												58	90		
	Min	22,021					12,523	18,534	24,512	30,477	36,433															
	End	35,995					17,806	29,159	40,512	51,867	63,222															
G3x20-SR2	Start	47,320			33,057	51,185	69,315																37	56		
	Min	21,932			14,548	24,055	33,521																			
	End	35,657			21,487	39,520	57,553																			

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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																														
G3x10-SR3	Start	42,029																			25,113	30,039	34,966	39,893	44,821	49,749	54,679	59,608	64,539	118	200		
	Min	19,360																				10,609	13,213	15,806	18,391	20,974	23,551	26,128	28,703			31,277	
	End	31,808																					14,997	19,897	24,798	29,699	34,601	39,504	44,407			49,310	54,215
G3x12-SR3	Start	41,862								22,545	29,631	36,718	43,806	50,894	57,983	65,073	72,164															82	142
	Min	19,317								9,268	13,023	16,751	20,465	24,171	27,875	31,575	35,275																
	End	31,642								12,443	19,491	26,541	33,591	40,642	47,694	54,746	61,799																
G3x14-SR3	Start	41,730							26,133	34,762	43,393	52,024	60,656	69,289																	68	117	
	Min	19,282							11,205	15,752	20,277	24,790	29,298	33,802																			
	End	31,511							16,012	24,596	33,180	41,766	50,352	58,940																			
G3x16-SR3	Start	41,559				22,624	34,036	45,449	56,863	68,278	79,694																				51	90	
	Min	19,237				9,375	15,403	21,383	27,347	33,302	39,257																						
	End	31,341				12,522	23,873	35,226	46,580	57,934	69,290																						
G3x20-SR3	Start	41,219			37,737	55,865	73,994																							32	56		
	Min	19,148			17,414	26,891	36,345																										
	End	31,002			27,555	45,587	63,620																										
G3x10-SR4	Start	36,781																												104	200		
	Min	16,967									19,284	24,209	29,135	34,061	38,988	43,915	48,843	53,771	58,700	63,630	68,560												
	End	27,808									10,418	15,317	20,216	25,116	30,017	34,918	39,820	44,722	49,625	54,529	59,433												
G3x12-SR4	Start	36,614							19,481	26,567	33,653	40,740	47,827	54,916	62,005	69,095	76,185														72	142	
	Min	16,923							8,008	11,763	15,486	19,198	22,903	26,604	30,304	34,003	37,699																
	End	27,642							10,613	17,661	24,710	31,760	38,810	45,861	52,913	59,965	67,018																
G3x14-SR4	Start	36,482					21,526	30,155	38,784	47,414	56,046	64,678	73,310																	59	117		
	Min	16,889					9,128	13,680	18,204	22,716	27,222	31,726	36,229																				
	End	27,511					12,647	21,230	29,814	38,399	46,985	55,571	64,158																				
G3x16-SR4	Start	36,311				26,646	38,058	49,471	60,885	72,300	83,716																			45	90		
	Min	16,844				11,868	17,856	23,821	29,775	35,729	41,677																						
	End	27,340				17,740	29,092	40,445	51,799	63,153	74,509																						
G3x20-SR4	Start	35,970		23,632	41,759	59,887	78,016																						28	56			
	Min	16,755		10,353	19,860	29,320	38,768																										
	End	27,002		14,743	32,774	50,806	68,839																										

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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																												
G4x14-SR1	Start	112,957																				71,097	81,525	91,954	102,383	112,814	123,246	149	194		
	Min	50,655																					28,858	34,400	39,909	45,401	50,881			56,348	
	End	81,560																						39,972	50,341	60,710	71,081			81,452	91,825
G4x16-SR1	Start	112,751																					66,411	80,219	94,029	107,839	121,651	113	147		
	Min	50,601																					26,380	33,736	41,029	48,291	55,536				
	End	81,355																						35,313	49,042	62,773	76,505			90,239	
G4x20-SR1	Start	112,336							67,911	89,878	111,847	133,817																	71	92	
	Min	50,492							27,256	38,908	50,459	61,967																			
	End	80,942								36,804	58,647	80,490	102,336																		
G4x24-SR1	Start	112,036				73,842	105,839	137,838																						49	63
	Min	50,414				30,459	47,337	64,099																							
	End	80,643				42,702	74,517	106,334																							
G4x28-SR1	Start	110,752			93,270	138,446																								34	45
	Min	50,078			41,115	64,809																									
	End	79,368			62,019	106,938																									
G4x12-SR2	Start	98,851																												159	200
	Min	43,623																													
	End	68,915																													
G4x14-SR2	Start	98,691																												131	194
	Min	43,581																													
	End	68,756																													
G4x16-SR2	Start	98,484																												99	147
	Min	43,527																													
	End	68,551																													
G4x20-SR2	Start	98,069																												60	92
	Min	43,418																													
	End	68,138																													
G4x24-SR2	Start	97,769																												43	63
	Min	43,339																													
	End	67,839																													
G4x28-SR2	Start	96,485																												30	45
	Min	43,003																													
	End	66,564																													

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																				
G4x12-SR3	Start	83,221												49,754	58,303	66,852	75,403	83,954	92,506	101,059	109,613	134	200
	Min	36,812												19,300	23,883	28,420	32,935	37,435	41,927	46,409	50,891		
	End	58,114													24,863	33,363	41,863	50,365	58,868	67,371	75,875		
G4x14-SR3	Start	83,061										53,138	63,562	73,986	84,412	94,839	105,267	115,696	126,126	136,556	146,988	110	194
	Min	36,770										21,155	26,712	32,222	37,709	43,183	48,647	54,104	59,556	65,009	70,456		
	End	57,954										28,227	38,591	48,957	59,323	69,691	80,059	90,429	100,799	111,171	121,543		
G4x16-SR3	Start	82,855							48,735	62,540	76,346	90,153	103,961	117,771	131,582	145,393						83	147
	Min	36,716							18,817	26,201	33,495	40,753	47,989	55,214	62,432	69,647							
	End	57,749							23,849	37,575	51,303	65,031	78,761	92,492	106,224	119,957							
G4x20-SR3	Start	82,439				47,722	69,687	91,653	113,620	135,589	157,560											52	92
	Min	36,607				18,352	30,060	41,611	53,111	64,590	76,053												
	End	57,336				22,842	44,682	66,523	88,365	110,209	132,054												
G4x24-SR3	Start	82,139			65,588	97,584	129,582	161,581														36	63
	Min	36,529			27,939	44,757	61,483	78,177															
	End	57,038			40,606	72,420	104,235	136,052															
G4x28-SR3	Start	80,856	49,254	71,839	117,012	162,188																25	45
	Min	36,192	19,608	31,613	55,299	78,886																	
	End	55,762	24,365	46,822	91,738	136,656																	
G4x12-SR4	Start	68,680										42,057	50,604	59,152	67,700	76,250	84,800	93,352	101,904	110,457	119,011	111	200
	Min	30,681										16,798	21,354	25,871	30,369	34,857	39,338	43,812	48,283	52,755	57,219		
	End	48,770										22,320	30,818	39,317	47,817	56,318	64,819	73,322	81,825	90,330	98,835		
G4x14-SR4	Start	68,520							41,691	52,113	62,535	72,959	83,384	93,810	104,237	114,665	125,093	135,523	145,954	156,386		91	194
	Min	30,639							16,636	22,186	27,689	33,166	38,629	44,084	49,535	54,984	60,427	65,870	71,313	76,757			
	End	48,611							21,955	32,318	42,681	53,046	63,411	73,778	84,145	94,514	104,883	115,254	125,625	135,997			
G4x16-SR4	Start	68,314						44,328	58,132	71,937	85,743	99,551	113,359	127,168	140,979	154,791						69	147
	Min	30,585						18,084	25,400	32,661	39,894	47,113	54,329	61,535	68,741	75,948							
	End	48,406						24,578	38,303	52,029	65,757	79,486	93,215	106,946	120,678	134,412							
G4x20-SR4	Start	67,898			57,120	79,084	101,051	123,018	144,987	166,957												43	92
	Min	30,476			24,947	36,480	47,967	59,435	70,895	82,348													
	End	47,993			37,296	59,136	80,977	102,819	124,663	146,509													
G4x24-SR4	Start	67,598		42,992	74,986	106,982	138,979	170,978														30	63
	Min	30,398		17,510	34,380	51,106	67,793	84,469															
	End	47,694		23,249	55,061	86,874	118,690	150,507															

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																										
G5x20-SR1	Start	256,369																			172,375	200,597	228,820	257,046	285,272	313,501	125	164	
	Min	107,199																			62,637	77,940	93,021	107,980	122,872	137,721			
	End	159,789																				76,348	104,419	132,492	160,566	188,642			216,720
G5x24-SR1	Start	255,981								204,135	245,332	286,530	327,730														86	112	
	Min	107,097								79,870	101,812	123,554	145,202																
	End	159,403								107,939	148,915	189,893	230,873																
G5x28-SR1	Start	254,321					181,181	239,425	297,672	355,923																	60	80	
	Min	106,659					68,035	99,234	129,988	160,572																			
	End	157,753					85,107	143,039	200,976	258,915																			
G5x32-SR1	Start	253,650				212,391	288,657	364,927																			46	61	
	Min	106,482				84,981	125,368	165,406																					
	End	157,085				116,150	192,009	267,872																					
G5x36-SR1	Start	252,978			217,185	313,880																					36	48	
	Min	106,305			87,683	138,769																							
	End	156,418			120,918	217,097																							
G5x16-SR2	Start	230,333																						159,466	177,132	194,799	212,468	179	200
	Min	93,773																					55,948	65,666	75,229	84,694			
	End	135,494																					65,100	82,671	100,244	117,818			
G5x20-SR2	Start	229,795										169,120	197,340	225,562	253,786	282,011	310,238	338,466									112	164	
	Min	93,630										61,380	76,684	91,763	106,719	121,608	136,453	151,265											
	End	134,960										74,701	102,771	130,842	158,915	186,989	215,065	243,143											
G5x24-SR2	Start	229,407						187,906	229,101	270,297	311,495	352,695															77	112	
	Min	93,528						71,639	93,673	115,466	137,133	158,740																	
	End	134,574						93,387	134,362	175,338	216,316	257,296																	
G5x28-SR2	Start	227,747					206,146	264,390	322,637	380,888																	54	80	
	Min	93,088					81,989	112,905	143,545	174,071																			
	End	132,923					111,530	169,462	227,399	285,338																			
G5x32-SR2	Start	227,076			161,093	237,356	313,622	389,893																			41	61	
	Min	92,910			57,697	98,739	138,941	178,905																					
	End	132,256			66,718	142,573	218,432	294,295																					
G5x36-SR2	Start	226,404			242,150	338,845																					33	48	
	Min	92,732			101,425	152,313																							
	End	131,588			147,341	243,520																							

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																											
G5x16-SR3	Start	185,215																			128,022	145,684	163,347	181,011	198,677	216,344	234,013	144	200	
	Min	77,091																				46,804	56,389	65,843	75,232	84,572	93,879			103,169
	End	114,067																					57,254	74,822	92,391	109,961	127,532			145,105
G5x20-SR3	Start	184,678								134,229	162,446	190,665	218,885	247,107	275,331	303,556	331,783	360,011											90	164
	Min	76,949								50,291	65,457	80,428	95,307	110,129	124,918	139,689	154,437	169,175												
	End	113,532								63,428	91,494	119,562	147,632	175,703	203,776	231,850	259,926	288,004												
G5x24-SR3	Start	184,289					127,067	168,258	209,451	250,646	291,842	333,040	374,240																60	112
	Min	76,846					46,436	68,599	90,377	112,017	133,584	155,114	176,619																	
	End	113,146					56,305	97,276	138,249	179,223	220,199	261,177	302,157																	
G5x28-SR3	Start	182,629					169,450	227,691	285,935	344,182	402,433																		44	80
	Min	76,408					69,755	100,508	131,042	161,494	191,911																			
	End	111,496					98,461	156,391	214,324	272,260	330,200																			
G5x32-SR3	Start	181,958				182,638	258,901	335,167	411,438																				33	61
	Min	76,231				76,895	117,025	156,913	196,726																					
	End	110,828				111,579	187,434	263,293	339,156																					
G5x36-SR3	Start	181,286	118,660	167,004	263,695	360,390																							26	48
	Min	76,054	42,647	68,752	119,676	170,218																								
	End	110,161	47,942	96,028	192,202	288,381																								
G5x16-SR4	Start	154,444											110,424	128,084	145,744	163,406	181,070	198,734	216,400	234,067	251,735							121	200	
	Min	64,781											41,586	51,090	60,490	69,832	79,134	88,411	97,678	106,925	116,172									
	End	96,440											52,719	70,284	87,851	105,418	122,987	140,557	158,129	175,702	193,275									
G5x20-SR4	Start	153,906								123,736	151,952	180,169	208,387	236,608	264,830	293,053	321,279	349,505	377,734									76	164	
	Min	64,639								48,865	63,873	78,754	93,569	108,344	123,101	137,838	152,576	167,291	182,004											
	End	95,906								65,960	94,025	122,091	150,159	178,229	206,300	234,373	262,447	290,523	318,601											
G5x24-SR4	Start	153,518					103,601	144,790	185,981	227,174	268,368	309,565	350,763	391,963														52	112	
	Min	64,536					38,032	60,133	81,854	103,444	124,980	146,485	167,966	189,435																
	End	95,520					45,932	86,902	127,872	168,845	209,820	250,796	291,774	332,754																
G5x28-SR4	Start	151,858			128,936	187,173	245,414	303,658	361,905	420,156																		37	80	
	Min	64,098			52,211	82,997	113,519	143,949	174,335	204,706																				
	End	93,869			71,132	129,058	186,987	244,920	302,856	360,796																				
G5x32-SR4	Start	151,186		124,103	200,361	276,624	352,890	429,161																				28	61	
	Min	63,921		49,782	90,062	129,963	169,762	209,521																						
	End	93,202		66,325	142,176	218,031	293,890	369,753																						

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																				
G7x24-SR1	Start	507,082																				138	178
	Min	207,098																					
	End	300,734																					
G7x28-SR1	Start	505,069									400,096	471,427	542,763	614,103								97	126
	Min	206,565									151,320	189,624	227,514	265,175									
	End	298,733									194,561	265,490	336,424	407,362									
G7x32-SR1	Start	504,244						340,334	433,800	527,272	620,749											74	96
	Min	206,346						118,630	169,617	219,440	268,786												
	End	297,913						135,136	228,075	321,020	413,970												
G7x36-SR1	Start	503,419					396,677	515,245	633,819													59	76
	Min	206,128					149,747	213,192	275,799														
	End	297,093					191,162	309,061	426,967														
G7xT28-SR1	Start	498,816				393,728	536,344	678,968														49	63
	Min	204,908				149,593	225,820	301,008															
	End	292,518				188,230	330,041	471,861															
G7x24-SR2	Start	447,690										327,420	377,794	428,170	478,549	528,931	579,315	629,702				122	178
	Min	183,385										119,491	146,783	173,709	200,421	227,016	253,540	279,982					
	End	266,841										147,436	197,526	247,618	297,713	347,810	397,911	448,014					
G7x28-SR2	Start	445,677								362,857	434,184	505,515	576,850	648,191								86	126
	Min	182,851								139,439	177,608	215,395	252,980	290,436									
	End	264,841								182,673	253,597	324,526	395,460	466,398									
G7x32-SR2	Start	444,852						374,421	467,888	561,359	654,836											66	96
	Min	182,633						145,809	195,623	244,941	294,035												
	End	264,021						194,172	287,111	380,056	473,006												
G7x36-SR2	Start	444,027				312,203	430,765	549,333	667,907													52	76
	Min	182,414				112,135	176,070	238,744	301,020														
	End	263,201				132,304	250,198	368,097	486,003														
G7xT28-SR2	Start	439,424				427,816	570,431	713,056														43	63
	Min	181,194				175,920	251,295	326,121															
	End	258,626				247,266	389,077	530,897															

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	200
			Air Torque Output, lbf-in																				
G7x20-SR3	Start	369,231													250,809	285,242	319,676	354,113	388,553	422,995	457,439	147	200
	Min	151,977													88,913	107,762	126,299	144,663	162,924	181,120	199,262		
	End	222,238													104,637	138,876	173,116	207,359	241,604	275,852	310,102		
G7x24-SR3	Start	368,728								272,045	322,413	372,784	423,158	473,534	523,913	574,295	624,679	675,066				101	178
	Min	151,844								100,603	127,771	154,577	181,197	207,714	234,155	260,547	286,916	313,256					
	End	221,738								125,753	175,837	225,924	276,014	326,106	376,201	426,299	476,399	526,502					
G7x28-SR3	Start	366,715					265,582	336,899	408,221	479,547	550,879	622,214	693,555									71	126
	Min	151,310					97,738	136,175	174,002	211,568	249,006	286,357	323,657										
	End	219,737					119,327	190,242	261,162	332,086	403,015	473,948	544,886										
G7x32-SR3	Start	365,890				326,324	419,785	513,251	606,723	700,200												54	96
	Min	151,092				130,676	180,242	229,391	278,363	327,238													
	End	218,917				179,727	272,660	365,600	458,544	551,494													
G7x36-SR3	Start	365,065			357,567	476,129	594,697	713,271														43	76
	Min	150,873			147,474	210,048	272,204	334,193															
	End	218,097			210,793	328,686	446,586	564,491															
G7xT28-SR3	Start	360,462		330,574	473,180	615,795	758,420															36	63
	Min	149,653		134,490	209,899	284,680	359,239																
	End	213,522		183,952	325,754	467,565	609,385																
G7x20-SR4	Start	309,839										216,040	250,467	284,897	319,329	353,764	388,201	422,641	457,082	491,527	124	200	
	Min	128,264										78,516	97,208	115,630	133,899	152,086	170,223	188,304	206,370	224,402			
	End	188,346										95,204	129,438	163,674	197,912	232,152	266,395	300,640	334,888	369,138			
G7x24-SR4	Start	309,336					205,404	255,767	306,132	356,501	406,872	457,245	507,622	558,001	608,382	658,767	709,154				85	178	
	Min	128,130					72,673	100,076	126,925	153,534	180,024	206,447	232,814	259,156	285,465	311,775	338,062						
	End	187,846					84,628	134,707	184,789	234,873	284,960	335,050	385,142	435,237	485,335	535,435	585,538						
G7x28-SR4	Start	307,323				228,358	299,670	370,987	442,309	513,635	584,966	656,302	727,642								60	126	
	Min	127,597				85,926	124,146	161,827	199,303	236,657	273,949	311,217	348,446										
	End	185,845				107,453	178,363	249,278	320,198	391,122	462,051	532,984	603,922										
G7x32-SR4	Start	306,498			266,956	360,412	453,873	547,339	640,811	734,288											46	96	
	Min	127,378			106,880	156,401	205,497	254,415	303,241	352,021													
	End	185,025			145,834	238,763	331,697	424,636	517,580	610,530													
G7x36-SR4	Start	305,673		273,098	391,654	510,216	628,784	747,358													36	76	
	Min	127,159		110,328	173,001	235,141	297,096	358,964															
	End	184,205		151,941	269,829	387,722	505,622	623,527															
G7XT28-SR4	Start	301,070	222,065	364,662	507,267	649,883	792,507														30	63	
	Min	125,940	84,219	160,164	234,993	309,544	383,967																
	End	179,630	101,196	242,988	384,790	526,601	668,422																

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																				
G8x24-SR1	Start	749,737																490,739	549,972	609,208	668,447	173	200
	Min	323,430																187,042	218,834	250,357	281,715		
	End	502,811																245,520	304,437	363,357	422,280		
G8x28-SR1	Start	747,320										490,022	574,073	658,130	742,192	826,260	910,334	994,413				122	172
	Min	322,795										187,562	232,612	277,194	321,545	365,746	409,870	453,885					
	End	500,409										244,808	328,410	412,018	495,631	579,250	662,874	746,504					
G8x32-SR1	Start	746,343								473,036	583,308	693,587	803,872	914,164	1,024,462							93	131
	Min	322,538								178,515	237,653	296,062	354,104	411,980	469,714								
	End	499,438								227,912	337,596	447,285	556,982	666,684	776,393								
G8x36-SR1	Start	745,366						459,698	599,699	739,707	879,722	1,019,744										73	103
	Min	322,281						171,431	246,508	320,492	394,049	467,367											
	End	498,466						214,646	353,899	493,159	632,426	771,700											
G8x40-SR1	Start	744,389				518,178		691,417	864,662	1,037,916												59	84
	Min	322,024				203,192		295,222	386,297	477,020													
	End	497,495				272,814		445,126	617,447	789,775													
G8xT32-SR1	Start	737,481				574,233	794,716	1,015,212														47	65
	Min	320,209				235,247	351,705	467,297															
	End	490,627				328,569	547,874	767,193															
G8xT36-SR1	Start	735,527			589,703		869,651	1,149,613														37	52
	Min	319,695			243,859		391,410	537,915															
	End	488,684			343,956		622,409	900,876															
G8x24-SR2	Start	603,299													390,092	449,316	508,542	567,772	627,005	686,241	745,481	140	200
	Min	266,855													155,209	186,714	217,997	249,168	280,253	311,280	342,280		
	End	426,197													214,392	273,299	332,210	391,123	450,040	508,960	567,883		
G8x28-SR2	Start	600,883									398,970	483,010	567,056	651,107	735,163	819,226	903,294	987,367	1,071,446			98	172
	Min	266,222									160,799	205,392	249,674	293,794	337,804	381,761	425,674	469,586	513,428				
	End	423,795									223,223	306,814	390,410	474,013	557,620	641,234	724,853	808,477	892,107				
G8x32-SR2	Start	599,906								439,803	550,069	660,342	770,621	880,906	991,197	1,101,495						75	131
	Min	265,966								182,670	240,879	298,756	356,485	414,091	471,687	529,194							
	End	422,824								263,837	373,515	483,198	592,888	702,584	812,287	921,996							
G8x36-SR2	Start	598,929					396,738	536,732	676,733	816,740	956,755	1,096,777										59	103
	Min	265,710					159,934	234,015	307,486	380,716	453,836	526,856											
	End	421,852					221,003	360,249	499,502	638,762	778,029	917,303											
G8x40-SR2	Start	597,951					421,982	595,212	768,450	941,696	1,114,950											48	84
	Min	265,454					173,564	264,918	355,654	446,123	536,471												
	End	420,881					246,111	418,416	590,729	763,050	935,378												
G8xT32-SR2	Start	591,043				430,796	651,266	871,750	1,092,246													38	65
	Min	263,645				180,282	296,385	411,703	526,787														
	End	414,013				254,879	474,171	693,477	912,796														
G8xT36-SR2	Start	589,089					386,803	666,737	946,684	1,226,647												30	52
	Min	263,133					157,287	304,873	451,210	597,211													
	End	412,070					211,121	489,559	768,012	1,046,478													

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																						
G8x24-SR3	Start	511,537													336,390	395,608	454,828	514,052	573,278	632,508	691,741	750,977	810,217	119	200
	Min	226,597													134,964	166,403	197,635	228,747	259,790	290,787	321,742	352,672	383,603		
	End	361,814													187,826	246,727	305,631	364,538	423,449	482,362	541,279	600,199	659,122		
G8x28-SR3	Start	509,120							295,643	379,672	463,706	547,746	631,792	715,843	799,899	883,962	968,030	1,052,103	1,136,182					84	172
	Min	225,965							113,925	158,802	203,151	247,285	291,291	335,226	379,137	423,001	466,840	510,681	554,523						
	End	359,412							147,297	230,876	314,462	398,053	481,650	565,252	648,860	732,473	816,092	899,716	983,346						
G8x32-SR3	Start	508,143							394,279	504,539	614,805	725,078	835,357	945,642	1,055,933	1,166,231								64	131
	Min	225,709							166,685	224,750	282,533	340,176	397,772	455,276	512,782	570,289									
	End	358,440							245,406	355,077	464,754	574,437	684,127	793,824	903,526	1,013,235									
G8x36-SR3	Start	507,166				321,488	461,474	601,468	741,469	881,476	1,021,491	1,161,513												50	103
	Min	225,453				128,179	202,298	275,710	348,886	421,959	494,954	567,951													
	End	357,469				173,003	312,242	451,488	590,741	730,001	869,268	1,008,542													
G8x40-SR3	Start	506,189			313,495	486,718	659,948	833,186	1,006,432	1,179,686														41	84
	Min	225,197			124,093	215,748	306,485	396,944	487,254	577,558															
	End	356,497			165,054	337,351	509,656	681,968	854,289	1,026,617															
G8xT32-SR3	Start	499,281			495,532	716,002	936,486	1,156,982																32	65
	Min	223,387			222,389	337,810	452,893	567,882																	
	End	349,630			346,118	565,411	784,716	1,004,035																	
G8xT36-SR3	Start	497,327	311,578	451,539	731,473	1,011,420	1,291,383																	25	52
	Min	222,875	125,525	199,686	346,280	492,333	638,226																		
	End	347,687	163,146	302,360	580,798	859,251	1,137,718																		

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																					
G10x32-SR1	Start	1,728,416															1,267,434	1,411,297	1,555,168	1,699,048	1,842,936	165	200	
	Min	699,125															453,259	531,877	609,366	686,265	762,711			
	End	1,005,056															547,150	690,258	833,375	976,500	1,119,634			
G10x36-SR1	Start	1,727,132											1,342,350	1,525,251	1,708,161	1,891,081						129	158	
	Min	698,785											494,524	593,437	691,245	788,315								
	End	1,003,780											621,673	803,615	985,567	1,167,527								
G10x40-SR1	Start	1,725,849								1,228,993	1,455,528	1,682,073	1,908,629									105	128	
	Min	698,444								432,301	556,063	677,479	797,735											
	End	1,002,504								508,910	734,257	959,615	1,184,983											
G10xT32-SR1	Start	1,717,027									1,255,508	1,543,097	1,830,704	2,118,328								82	100	
	Min	696,105									449,972	606,131	759,467	911,499										
	End	993,732									535,285	821,368	1,107,467	1,393,583										
G10xT36-SR1	Start	1,714,461										1,512,120	1,877,808	2,243,515								65	80	
	Min	695,425										589,918	784,810	977,819										
	End	991,180										790,553	1,154,324	1,518,114										
G10xT40-SR1	Start	1,711,894																				52	64	
	Min	694,745																						
	End	988,628																						
G10x28-SR2	Start	1,393,647																	989,612	1,099,017	1,208,430	1,317,850	175	200
	Min	574,464																	360,059	419,564	478,388	536,743		
	End	844,402																	443,019	551,851	660,690	769,537		
G10x32-SR2	Start	1,392,364																				133	200	
	Min	574,124																						
	End	843,126																						
G10x36-SR2	Start	1,391,081																				104	158	
	Min	573,784																						
	End	841,850																						
G10x40-SR2	Start	1,389,798																				84	128	
	Min	573,444																						
	End	840,574																						
G10xT32-SR2	Start	1,380,976																				66	100	
	Min	571,105																						
	End	831,802																						
G10xT36-SR2	Start	1,378,409																				52	80	
	Min	570,424																						
	End	829,251																						
G10xT40-SR2	Start	1,375,843																				42	64	
	Min	569,744																						
	End	826,699																						

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																									
G10x28-SR3	Start	1,270,854															908,152	1,017,542	1,126,940	1,236,345	1,345,758	1,455,178	159	200				
	Min	504,713															309,459	370,253	429,758	488,604	546,976	605,083						
	End	707,807															347,487	456,304	565,128	673,960	782,800	891,646						
G10x32-SR3	Start	1,269,571															992,195	1,136,023	1,279,861	1,423,706	1,567,560	1,711,423	1,855,294	1,999,174	2,143,062	121	200	
	Min	504,371															356,463	434,797	511,960	588,503	664,633	740,480	816,170	891,717	967,165			
	End	706,531															431,089	574,164	717,248	860,339	1,003,439	1,146,548	1,289,665	1,432,790	1,575,924			
G10x36-SR3	Start	1,268,288															910,968	1,093,831	1,276,703	1,459,585	1,642,476	1,825,377	2,008,287	2,191,207	95	158		
	Min	504,029															311,399	412,163	510,431	607,671	704,292	800,588	896,623	992,489				
	End	705,255															350,289	532,193	714,107	896,030	1,077,963	1,259,905	1,441,856	1,623,817				
G10x40-SR3	Start	1,267,004															1,076,080	1,302,594	1,529,119	1,755,654	1,982,199	2,208,755	77	128				
	Min	503,687															402,713	524,438	644,614	764,073	883,075	1,001,816						
	End	703,979															514,536	739,862	965,199	1,190,547	1,415,905	1,641,273						
G10xT32-SR3	Start	1,258,182															980,505	1,268,061	1,555,634	1,843,223	2,130,830	2,418,454	60	100				
	Min	501,337															353,242	508,815	661,484	813,005	963,967	1,114,609						
	End	695,207															419,461	705,510	991,575	1,277,658	1,563,757	1,849,873						
G10xT36-SR3	Start	1,255,616															1,080,927	1,446,577	1,812,246	2,177,934	2,543,641	48	80					
	Min	500,653															408,660	604,236	797,145	989,018	1,180,452							
	End	692,655															519,357	883,090	1,246,843	1,610,614	1,974,404							
G10xT40-SR3	Start	1,253,050															1,061,963	1,514,907	1,967,873	2,420,859	38	64						
	Min	499,969															398,881	640,862	879,319	1,116,648								
	End	690,103															500,492	951,062	1,401,653	1,852,265								
G10x28-SR4	Start	1,018,380																									128	200
	Min	413,531																										
	End	594,469																										
G10x32-SR4	Start	1,017,097																									97	200
	Min	413,191																										
	End	593,193																										
G10x36-SR4	Start	1,015,814																									77	158
	Min	412,851																										
	End	591,917																										
G10x40-SR4	Start	1,014,531																									60	128
	Min	412,511																										
	End	590,641																										
G10xT32-SR4	Start	1,005,709																									49	100
	Min	410,172																										
	End	581,869																										
G10xT36-SR4	Start	1,003,142																									38	80
	Min	409,491																										
	End	579,317																										
G10xT40-SR4	Start	1,000,576																									31	64
	Min	408,811																										
	End	576,765																										

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																					
G13x40-SR1	Start	3,841,951																						
	Min	1,490,925																					182	200
	End	2,039,030																						
G13x44-SR1	Start	3,840,205																						
	Min	1,490,457																					150	165
	End	2,037,293																						
G13x48-SR1	Start	3,838,546																						
	Min	1,490,013																					125	140
	End	2,035,643																						
G13x52-SR1	Start	3,836,887																						
	Min	1,489,568																					107	120
	End	2,033,993																						
G13xT40-SR1	Start	3,823,660																						
	Min	1,486,022																					91	100
	End	2,020,837																						
G13xT44-SR1	Start	3,820,168																						
	Min	1,485,086																					75	83
	End	2,017,364																						
G13xT48-SR1	Start	3,816,851																						
	Min	1,484,197																					60	70
	End	2,014,064																						
G13xT52-SR1	Start	3,813,533																						
	Min	1,483,308																					53	60
	End	2,010,764																						

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																											
G13x40-SR2	Start	3,315,942																		2,516,384	2,805,794	3,095,218	3,384,655	3,674,106	3,963,570	157	200
	Min	1,293,128																		860,715	1,021,192	1,178,539	1,334,215	1,488,678	1,642,451		
	End	1,777,435																			982,882	1,270,836	1,558,805	1,846,787	2,134,782		
G13x44-SR2	Start	3,314,196												2,742,470	3,093,909	3,445,364	3,796,833	4,148,318							129	165	
	Min	1,292,660												986,699	1,178,054	1,366,849	1,554,082	1,740,365									
	End	1,775,699												1,207,831	1,557,503	1,907,190	2,256,893	2,606,610									
G13x48-SR2	Start	3,312,537												2,785,642	3,205,029	3,624,431	4,043,851	4,463,286							108	140	
	Min	1,292,215												1,010,602	1,238,194	1,462,635	1,685,285	1,906,928									
	End	1,774,049												1,250,786	1,668,063	2,085,357	2,502,668	2,919,994									
G13x52-SR2	Start	3,310,878												2,610,226	3,103,472	3,596,735	4,090,016	4,583,314							92	120	
	Min	1,291,770												913,966	1,183,652	1,448,064	1,709,900	1,970,349									
	End	1,772,399												1,076,252	1,567,017	2,057,800	2,548,601	3,039,419									
G13xT40-SR2	Start	3,297,651												2,786,636	3,365,265	3,943,922	4,522,605								78	100	
	Min	1,288,225												1,015,951	1,329,016	1,637,243	1,943,079										
	End	1,759,242												1,251,775	1,827,494	2,403,241	2,979,015										
G13xT44-SR2	Start	3,294,159													3,073,142	3,775,841	4,478,570								65	83	
	Min	1,287,289												1,172,452	1,548,512	1,920,420											
	End	1,755,769												1,536,840	2,236,005	2,935,201											
G13xT48-SR2	Start	3,290,842													3,182,752	4,021,362	4,860,005								54	70	
	Min	1,286,399												1,232,221	1,679,345	2,121,924											
	End	1,752,470												1,645,899	2,480,292	3,314,718											
G13xT52-SR2	Start	3,287,524													3,079,684	4,066,034	5,052,420								46	60	
	Min	1,285,510												1,177,234	1,703,565	2,223,611											
	End	1,749,170												1,543,349	2,524,740	3,506,166											

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																						
G13x40-SR3	Start	2,763,557																			131	200
	Min	1,073,160																				
	End	1,464,660																				
G13x44-SR3	Start	2,761,811																			108	165
	Min	1,072,692																				
	End	1,462,924																				
G13x48-SR3	Start	2,760,152																			90	140
	Min	1,072,247																				
	End	1,461,274																				
G13x52-SR3	Start	2,758,493																			77	120
	Min	1,071,802																				
	End	1,459,624																				
G13xT40-SR3	Start	2,745,266																			65	100
	Min	1,068,257																				
	End	1,446,467																				
G13xT44-SR3	Start	2,741,774																			54	83
	Min	1,067,321																				
	End	1,442,994																				
G13xT48-SR3	Start	2,738,457																			45	70
	Min	1,066,431																				
	End	1,439,695																				
G13xT52-SR3	Start	2,735,139																			38	60
	Min	1,065,542																				
	End	1,436,395																				

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																				
G13x40-SR4	Start	2,237,548									1,646,856	1,936,198	2,225,553	2,514,923	2,804,305	3,093,702	3,383,112	3,672,535	3,961,973	4,251,424	4,540,888	106	200
	Min	875,362									554,988	715,553	871,891	1,026,370	1,179,790	1,332,558	1,484,925	1,636,927	1,788,727	1,940,315	2,091,908		
	End	1,203,066									616,008	903,895	1,191,796	1,479,710	1,767,637	2,055,579	2,343,533	2,631,502	2,919,484	3,207,479	3,495,488		
G13x44-SR4	Start	2,235,802							1,914,180	2,265,559	2,616,954	2,968,363	3,319,788	3,671,227	4,022,682	4,374,151	4,725,636					87	165
	Min	874,894							703,811	893,637	1,080,831	1,266,747	1,451,893	1,636,456	1,820,729	2,004,790	2,188,688						
	End	1,201,329							881,988	1,231,601	1,581,228	1,930,871	2,280,528	2,630,200	2,979,887	3,329,590	3,679,307						
G13x48-SR4	Start	2,234,143						1,685,576	2,104,898	2,524,235	2,943,589	3,362,960	3,782,346	4,201,749	4,621,169	5,040,604						73	140
	Min	874,449						577,518	807,535	1,031,809	1,253,914	1,474,771	1,695,004	1,914,687	2,134,273	2,353,421							
	End	1,199,679						654,534	1,071,747	1,488,976	1,906,221	2,323,483	2,740,760	3,158,054	3,575,365	3,992,691							
G13x52-SR4	Start	2,232,484						1,707,912	2,201,105	2,694,316	3,187,544	3,680,790	4,174,053	4,667,334	5,160,632							60	120
	Min	874,005						590,381	859,566	1,122,341	1,382,689	1,641,898	1,900,393	2,158,591	2,416,318								
	End	1,198,029						676,758	1,167,471	1,658,201	2,148,949	2,639,714	3,130,497	3,621,298	4,112,116								
G13xT40-SR4	Start	2,219,257				1,628,229	2,206,777	2,785,352	3,363,954	3,942,583	4,521,239	5,099,923										53	100
	Min	870,459				549,606	866,857	1,174,783	1,479,901	1,783,655	2,086,768	2,389,273											
	End	1,184,873				597,475	1,173,114	1,748,779	2,324,472	2,900,191	3,475,938	4,051,712											
G13xT44-SR4	Start	2,215,765				2,245,152	2,947,791	3,650,460	4,353,159	5,055,887												44	83
	Min	869,523				888,165	1,261,333	1,631,009	1,999,299	2,366,801													
	End	1,181,400				1,211,296	1,910,402	2,609,537	3,308,702	4,007,898													
G13xT48-SR4	Start	2,212,448			2,082,947	2,921,492	3,760,069	4,598,680	5,437,323													37	70
	Min	868,634			801,614	1,248,091	1,689,161	2,128,404	2,566,640														
	End	1,178,100			1,049,906	1,884,235	2,718,596	3,552,989	4,387,415														
G13xT52-SR4	Start	2,209,130		1,684,406	2,670,686	3,657,002	4,643,352	5,629,738														31	60
	Min	867,744		583,755	1,116,099	1,635,659	2,152,332	2,667,731															
	End	1,174,800		653,369	1,634,690	2,616,046	3,597,437	4,578,863															