

Data sheet

Sheet No.: GPI 1.05 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Pressure Torque Output Start/Min./End (lb-in)									
G01008-SR4	Start	11614					5551	9706	13861	20093	25287	
	Min.	5708					2439	4648	6849	10138	12880	
	End	10015					3783	7938	12093	18326	23520	
G01009-SR4	Start	11614			4820	7469	10117	15414	20710	28655	35276	41897
	Min.	5708			2051	3459	4866	7669	10464	14657	18151	21646
	End	10015			3053	5701	8350	13646	18943	26888	33508	40129
G01010-SR4	Start	11614		6488	10000	13511	17023	24046	31069	41603		
	Min.	5708		2938	4804	6664	8518	12224	15931	21491		
	End	10015		4721	8232	11744	15255	22278	29301	39836		
G01012-SR4	Start	11614	9063	14096	19130	24163	29196	39262				
	Min.	5708	4306	6973	9630	12286	14943	20255				
	End	10015	7296	12329	17362	22395	27428	37495				
G01014-SR4	Start	11614	13413	19534	25654	31775	37895					
	Min.	5708	6613	9843	13073	16304	19534					
	End	10015	11646	17766	23887	30007	36128					
G01008-SR3	Start	13598						8126	12281	18513	23707	
	Min.	6605						3631	5839	9143	11884	
	End	11445						5746	9901	16134	21327	
G01009-SR3	Start	13598				5889	8537	13834	19130	27075	33696	40316
	Min.	6605				2437	3850	6665	9469	13662	17156	20650
	End	11445				3509	6157	11454	16751	24695	31316	37937
G01010-SR3	Start	13598		4908	8420	11931	15443	22466	29489	40023		
	Min.	6605		1904	3787	5653	7520	11229	14935	20495		
	End	11445		2529	6040	9552	13063	20086	27109	37643		
G01012-SR3	Start	13598	7483	12516	17550	22583	27616	37682				
	Min.	6605	3289	5964	8634	11291	13947	19260				
	End	11445	5104	10137	15170	20203	25236	35303				
G01014-SR3	Start	13598	11833	17954	24074	30195	36315					
	Min.	6605	5601	8848	12078	15308	18538					
	End	11445	9453	15574	21695	27815	33936					
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GPI 1.06 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Pressure Torque Output Start/Min./End (lb-in)										
G01008-SR2	Start	15526								10521	16753	21947	
	Min.	7532								4796	8109	10857	
	End	13037								7770	14002	19196	
G01009-SR2	Start	15526					6777	12074	17370	25315	31936	38556	
	Min.	7532					2800	5622	8437	12635	16129	19623	
	End	13037					4026	9323	14619	22564	29185	35805	
G01010-SR2	Start	15526			6660	10171	13683	20706	27728	38263			
	Min.	7532			2736	4611	6477	10202	13909	19468			
	End	13037			3909	7420	10932	17955	24978	35512			
G01012-SR2	Start	15526	5723	10756	15789	20823	25856	35922					
	Min.	7532	2228	4922	7597	10264	12920	18233					
	End	13037	2972	8005	13039	18072	23105	33171					
G01014-SR2	Start	15526	10073	16194	22314	28435	34555						
	Min.	7532	4559	7811	11051	14281	17512						
	End	13037	7322	13443	19563	25684	31804						
G01008-SR1	Start	18470							8599	14831	20025		
	Min.	8749							3364	6703	9463		
	End	14776							4516	10748	15942		
G01009-SR1	Start	18470						10152	15448	23393	30014	36634	
	Min.	8749						4207	7030	11253	14763	18257	
	End	14776						6069	11365	19310	25931	32552	
G01010-SR1	Start	18470				8249	11761	18784	25807	36341			
	Min.	8749				3174	5071	8803	12536	18103			
	End	14776				4166	7678	14701	21724	32258			
G01012-SR1	Start	18470		8834	13868	18901	23934	34000					
	Min.	8749		3492	6190	8865	11540	16867					
	End	14776		4752	9785	14818	19851	29917					
G01014-SR1	Start	18470	8151	14272	20392	26513	32633						
	Min.	8749	3121	6405	9658	12911	16146						
	End	14776	4068	10189	16309	22430	28550						
G0109-SR0	Start	24368							12182	20126	26747	33368	
	Min.	11033							4236	8577	12096	15615	
	End	17731							4847	12792	19413	26033	
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.07 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Pressure Torque Output Start/Min./End (lb-in)										
G01010-SR0	Start	24368							15517	22540	33074		
	Min.	11033							6081	9860	15459		
	End	17731							8182	15205	25740		
G01012-SR0	Start	24368				15634	20667	30734					
	Min.	11033				6144	8864	14214					
	End	17731				8299	13333	23399					
G01014-SR0	Start	24368			17126	23246	29367						
	Min.	11033			6954	10235	13488						
	End	17731			9791	15912	22032						
G2009-SR4	Start	20678							13361	19772	29390	37404	
	Min.	9903							5900	9307	14414	18644	
	End	16917							9204	15616	25233	33248	
G2010-SR4	Start	20678				11058	15308	23810	32311				
	Min.	9903				4675	6935	11453	15956				
	End	16917				6901	11152	19653	28155				
G2012-SR4	Start	20678		11766	17859	23952	30044	42230					
	Min.	9903		5052	8290	11528	14760	21191					
	End	16917		7609	13702	19795	25888	38073					
G2014-SR4	Start	20678	10939	18348	25757	33166	40575						
	Min.	9903	4610	8550	12488	16407	20318						
	End	16917	6782	14191	21600	29009	36419						
G2016-SR4	Start	20678	20420	30200	39979								
	Min.	9903	9652	14842	20003								
	End	16917	16264	26043	35823								
G2009-SR3	Start	24139							17039	26657	34671		
	Min.	11457							7539	12650	16910		
	End	19390							11790	21408	29422		
G2010-SR3	Start	24139					12575	21077	29578				
	Min.	11457					5150	9685	14203				
	End	19390					7326	15828	24329				
G2012-SR3	Start	24139			15126	21219	27311	39497					
	Min.	11457			6522	9760	12998	19460					
	End	19390			9877	15970	22062	34248					
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.08 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Pressure Torque Output Start/Min./End (lb-in)									
G2014-SR3	Start	24139		15615	23024	30433	37842					
	Min.	11457		6782	10720	14657	18587					
	End	19390		10366	17775	25184	32593					
G2016-SR3	Start	24139	17687	27467	37246							
	Min.	11457	7883	13081	18273							
	End	19390	12438	22218	31997							
G2009-SR2	Start	26818							14072	23690	31704	
	Min.	12882							5964	11075	15335	
	End	22074							8829	18446	26461	
G2010-SR2	Start	26818						18110	26611			
	Min.	12882						8110	12628			
	End	22074						12866	21368			
G2012-SR2	Start	26818			12159	18252	24344	36530				
	Min.	12882			4926	8185	11423	17896				
	End	22074			6915	13008	19101	31286				
G2014-SR2	Start	26818		12648	20057	27466	34875					
	Min.	12882		5191	9145	13082	17020					
	End	22074		7404	14814	22223	29632					
G2016-SR2	Start	26818	14720	24500	34279							
	Min.	12882	6308	11506	16703							
	End	22074	9477	19256	29036							
G2009-SR1	Start	30997								20451	28466	
	Min.	14742								8955	13215	
	End	25004								13828	21842	
G2010-SR1	Start	30997						14871	23373			
	Min.	14742						5957	10508			
	End	25004						8248	16749			
G2012-SR1	Start	30997					21106	33291				
	Min.	14742					9303	15779				
	End	25004					14482	26668				
G2014-SR1	Start	30997			16819	24228	31637					
	Min.	14742			7014	10962	14900					
	End	25004			10195	17604	25013					
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GPI 1.09 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Pressure Torque Output Start/Min./End (lb-in)										
G2016-SR1	Start	30997		21261	31041								
	Min.	14742		9386	14583								
	End	25004		14638	24417								
G3010-SR4	Start	36568						19695	29949	45330	58147	70964	
	Min.	17123						7867	13361	21536	28348	35119	
	End	28566						10851	21105	36486	49303	62120	
G3012-SR4	Start	36568				20012	27381	42120	56858				
	Min.	17123				8038	11996	19830	27663				
	End	28566				11168	18537	33276	48014				
G3014-SR4	Start	36568			22258	31230	40201	58145					
	Min.	17123			9257	14042	18810	28347					
	End	28566			13414	22385	31357	49301					
G3016-SR4	Start	36568	15857	27714	39572	51429	63287						
	Min.	17123	5764	12174	18475	24777	31068						
	End	28566	7013	18870	30728	42585	54443						
G3020-SR4	Start	36568	43692	62509									
	Min.	17123	20665	30657									
	End	28566	34848	53664									
G3010-SR3	Start	42128							25735	41116	53933	66751	
	Min.	19573							10528	18738	25550	32362	
	End	32379							14960	30340	43158	55975	
G3012-SR3	Start	42128					23167	37906	52645				
	Min.	19573					9135	17032	24865				
	End	32379					12392	27130	41869				
G3014-SR3	Start	42128			18044	27016	35988	53931					
	Min.	19573			6305	11223	16012	25549					
	End	32379			7268	16240	25212	43156					
G3016-SR3	Start	42128		23501	35358	47216	59073						
	Min.	19573		9315	15678	21980	28282						
	End	32379		12725	24582	36440	48297						
G3020-SR3	Start	42128	39479	58295									
	Min.	19573	17868	27868									
	End	32379	28703	47519									
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.10 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Pressure Torque Output Start/Min./End (lb-in)										
G3010-SR2	Start	49017								20655	36036	48853	61670
	Min.	22571								6848	15306	22118	28930
	End	36975								7346	22726	35544	48361
G3012-SR2	Start	49017							32826	47564			
	Min.	22571							13568	21433			
	End	36975							19516	34255			
G3014-SR2	Start	49017					30907	48851					
	Min.	22571					12527	22117					
	End	36975					17598	35542					
G3016-SR2	Start	49017			30278	42135	53993						
	Min.	22571			12185	18548	24849						
	End	36975			16968	28826	40683						
G3020-SR2	Start	49017	34398	53215									
	Min.	22571	14422	24436									
	End	36975	21089	39905									
G3010-SR1	Start	54045									30234	43052	55869
	Min.	25307									12240	19105	25917
	End	42224									17170	29987	42804
G3012-SR1	Start	54045							27024	41763			
	Min.	25307							10497	18420			
	End	42224							13960	28698			
G3014-SR1	Start	54045					25106	43050					
	Min.	25307					9456	19104					
	End	42224					12041	29985					
G3016-SR1	Start	54045			24476	36334	48191						
	Min.	25307			9107	15535	21837						
	End	42224			11412	23269	35127						
G3020-SR1	Start	54045	28597	47413									
	Min.	25307	11351	21423									
	End	42224	15532	34349									
G4012-SR4	Start	68780							51798	78435	100633	122830	
	Min.	30993							21325	35539	47337	59134	
	End	49535							30528	57165	79363	101560	
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.11 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Pressure Torque Output Start/Min./End (lb-in)										
G4014-SR4	Start	68780							53500	75150	107624	134687	
	Min.	30993							22248	33793	51053	65436	
	End	49535							32230	53880	86354	113417	
G4016-SR4	Start	68780				45553	59882	88540	117198				
	Min.	30993				17935	25679	40910	56141				
	End	49535				24283	38612	67270	95928				
G4020-SR4	Start	68780	36367	59146	81925	104704	127483						
	Min.	30993	12868	25288	37394	49500	61607						
	End	49535	15097	37876	60655	83434	106213						
G4024-SR4	Start	68780	77858	111009	144161								
	Min.	30993	35232	52852	70471								
	End	49535	56587	89739	122891								
G4012-SR3	Start	83046							41605	68242	90440	112637	
	Min.	37118							13780	28470	40308	52106	
	End	58758							14761	41398	63595	85792	
G4014-SR3	Start	83046							64956	97431	124494		
	Min.	37118							26687	44024	58407		
	End	58758							38112	70587	97649		
G4016-SR3	Start	83046					49689	78347	107005				
	Min.	37118					18372	33882	49112				
	End	58758					22844	51502	80160				
G4020-SR3	Start	83046		48952	71731	94510	117290						
	Min.	37118		17958	30364	42472	54578						
	End	58758		22108	44887	67666	90445						
G4024-SR3	Start	83046	67664	100816	133968								
	Min.	37118	28156	45823	63442								
	End	58758	40820	73971	107123								
G4028-SR3	Start	83046	122456										
	Min.	37118	57324										
	End	58758	95611										
G4012-SR2	Start	98380									56458	78656	100853
	Min.	43917									20338	32474	44351
	End	69419									24449	46646	68844
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.12 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Pressure Torque Output Start/Min./End (lb-in)										
G4014-SR2	Start	98380								53173	85648	112710	
	Min.	43917								18490	36268	50652	
	End	69419								21163	53638	80700	
G4016-SR2	Start	98380							66563	95221			
	Min.	43917							25910	41357			
	End	69419							34554	63212			
G4020-SR2	Start	98380			59948	82727	105506						
	Min.	43917			22300	34683	46823						
	End	69419			27938	50717	73496						
G4024-SR2	Start	98380	55881	89032	122184								
	Min.	43917	20013	38068	55687								
	End	69419	23871	57023	90175								
G4028-SR2	Start	98380	110672										
	Min.	43917	49569										
	End	69419	78663										
G4014-SR1	Start	112377								71679	98741		
	Min.	50963								28207	42794		
	End	82057								38167	65230		
G4016-SR1	Start	112377						52595	81253				
	Min.	50963						17591	33404				
	End	82057						19083	47741				
G4020-SR1	Start	112377				68758	91537						
	Min.	50963				26622	38965						
	End	82057				35247	58026						
G4024-SR1	Start	112377		75064	108216								
	Min.	50963		30044	47829								
	End	82057		41552	74704								
G4028-SR1	Start	112377	96704										
	Min.	50963	41711										
	End	82057	63192										
G5016-SR4	Start	153744							112218	167178	212978	258777	
	Min.	65419							40893	70844	95186	119527	
	End	97370							49911	104870	150670	196469	
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Pressure Torque Output Start/Min./End (lb-in)									
G5020-SR4	Start	153744					126422	184933	243443	331209		
	Min.	65419					48728	80281	111377	158022		
	End	97370					64115	122625	181135	268901		
G5024-SR4	Start	153744			148453	191132	233810	319168				
	Min.	65419			60685	83575	106258	151623				
	End	97370			86145	128824	171503	256860				
G5028-SR4	Start	153744	134002	194408	254813	315219	375624					
	Min.	65419	52842	85316	117420	149524	181628					
	End	97370	71695	132100	192506	252911	313317					
G5032-SR4	Start	153744	208647	287713	366780							
	Min.	65419	92884	134906	176927							
	End	97370	146339	225406	304472							
G5016-SR3	Start	183943								147947	193747	239546
	Min.	77756								55894	80753	105218
	End	114769								71492	117292	163091
G5020-SR3	Start	183943						165702	224212	311978		
	Min.	77756						65531	97068	143713		
	End	114769						89247	147757	235523		
G5024-SR3	Start	183943			129222	171901	214580	299937				
	Min.	77756			45412	68896	91949	137314				
	End	114769			52767	95446	138124	223482				
G5028-SR3	Start	183943	114772	175177	235583	295988	356394					
	Min.	77756	37045	70674	103111	135215	167319					
	End	114769	38316	98722	159127	219533	279938					
G5032-SR3	Start	183943	189416	268482	347549							
	Min.	77756	37045	70674	103111							
	End	114769	112961	192027	271094							
G5036-SR3	Start	183943	274013									
	Min.	77756	123536									
	End	114769	197557									
G5016-SR2	Start	228222				170368	216168					
	Min.	94407				59438	84762					
	End	135921				68352	114151					
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GPI 1.14 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										
G5020-SR2	Start	228222							200834	288600		
	Min.	94407							76440	123901		
	End	135921							98817	186583		
G5024-SR2	Start	228222					191201	276559				
	Min.	94407					71153	117502				
	End	135921					89185	174542				
G5028-SR2	Start	228222		151799	212204	272610	333015					
	Min.	94407		48635	82611	115397	147507					
	End	135921		49782	110188	170593	230999					
G5032-SR2	Start	228222	166038	245104	324171							
	Min.	94407	57002	100468	142806							
	End	135921	64021	143088	222154							
G5036-SR2	Start	228222	250634									
	Min.	94407	103470									
	End	135921	148618									
G5020-SR1	Start	254302						173745	261510			
	Min.	108027						60717	108819			
	End	160430						69992	157758			
G5024-SR1	Start	254302						249469				
	Min.	108027						102283				
	End	160430						145717				
G5028-SR1	Start	254302			185115	245520	305926					
	Min.	108027			67111	100140	132608					
	End	160430			81362	141768	202173					
G5032-SR1	Start	254302		218015	297081							
	Min.	108027		85211	127907							
	End	160430		114262	193329							
G5036-SR1	Start	254302	223545									
	Min.	108027	88212									
	End	160430	119792									
G7020-SR4	Start	292752							218695	325709	414888	504067
	Min.	125729							82243	140102	187498	234894
	End	189424							104490	211504	300683	389862
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)										
		40	50	60	70	80	100	120	150	175	200	
		Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.15 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										
G7024-SR4	Start	292752					207803	312095	416387	572824	703189	
	Min.	125729					76144	132866	188294	271437	340722	
	End	189424					93598	197890	302182	458619	588984	
G7028-SR4	Start	292752		234045	307946	381848	529650	677453				
	Min.	125729		90574	130661	169938	248491	327044				
	End	189424		119840	193741	267643	415445	563248				
G7032-SR4	Start	292752	177851	274655	371458	468262	565065					
	Min.	125729	59127	112616	164416	215864	267313					
	End	189424	63646	160449	257253	354057	450860					
G7036-SR4	Start	292752	281674	404434	527193	649953						
	Min.	125729	116426	181942	247185	312428						
	End	189424	167469	290229	412988	535748						
G7020-SR3	Start	348203							288764	377943	467121	
	Min.	148835							112504	160828	208224	
	End	222851							150217	239396	328575	
G7024-SR3	Start	348203					275149	379441	535879	666243		
	Min.	148835					105114	161624	244767	314052		
	End	222851					136603	240895	397332	527697		
G7028-SR3	Start	348203			271001	344902	492705	640507				
	Min.	148835			102862	142974	221821	300374				
	End	222851			132454	206356	354158	501961				
G7032-SR3	Start	348203	237709	334512	431316	528120						
	Min.	148835	84283	137335	189195	240643						
	End	222851	99162	195966	292770	38957						
G7036-SR3	Start	348203	244729	367488	490248	613007						
	Min.	148835	88231	155233	220515	285758						
	End	222851	106182	228942	351701	474460						
G70T28-SR3	Start	348203	344902	492705	640507							
	Min.	148835	142974	221821	300374							
	End	222851	206356	354158	501961							
G7024-SR2	Start	442747						335861	492299	622664		
	Min.	182699						117762	203530	273286		
	End	262280						136398	292835	423200		
Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										



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Data sheet

Sheet No.: GPI 1.16 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										
G7028-SR2	Start	442747					301322	449125	596928			
	Min.	182699					97767	180096	259608			
	End	262280					101859	249662	397464			
G7032-SR2	Start	442747			290933	387736	484540					
	Min.	182699			91462	146776	199319					
	End	262280			91469	188273	285077					
G7036-SR2	Start	442747		323908	446668	569427						
	Min.	182699		111041	178763	244993						
	End	262280		124445	247204	369964						
G70T28-SR2	Start	442747	301322	449125	596928							
	Min.	182699	97767	180096	259608							
	End	262280	101859	249662	397464							
G7024-SR1	Start	524480								439649	570013	
	Min.	216176								162693	233680	
	End	309916								202500	332864	
G7028-SR1	Start	524480						396475	544278			
	Min.	216176						138413	219712			
	End	309916						159326	307128			
G7032-SR1	Start	524480					431890					
	Min.	216176					158329					
	End	309916					194741					
G7036-SR1	Start	524480			394018	516777						
	Min.	216176			137032	204785						
	End	309916			156869	279628						
G70T28-SR1	Start	524480		396475	544278							
	Min.	216176		138413	219712							
	End	309916		159326	307128							
G8024-SR3	Start	506707							336002	520009	673349	826689
	Min.	227463							131289	230129	311624	393120
	End	361932							175987	359995	513334	666674
G8028-SR3	Start	506707					296932	471173	645414	906775		
	Min.	227463					109935	204173	296777	435683		
	End	361932					136918	311158	485399	746760		
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)										
		40	50	60	70	80	100	120	150	175	200	
		Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.17 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)									
		40	50	60	70	80	100	120	150	175	200
		Pressure Torque Output Start/Min./End (lb-in)									
G8032-SR3	Start	506707			285552	399816	514079	742607	971134		
	Min.	227463			103535	165926	226977	348433	469889		
	End	361932			125537	239801	354064	582592	811119		
G8036-SR3	Start	506707		325101	470127	615153	760179	1050231			
	Min.	227463		125373	203617	280695	357772	511927			
	End	361932		165086	310112	455138	600164	890216			
G8040-SR3	Start	506707	317601	497009	676416	855824	1035232				
	Min.	227463	121302	217904	313254	408605	503955				
	End	361932	157586	336994	516402	695809	875217				
G80T32-SR3	Start	506707	514079	742607	971134						
	Min.	227463	226977	348433	469889						
	End	361932	354064	582592	811119						
G80T36-SR3	Start	506707	760179	1050231							
	Min.	227463	357772	511927							
	End	361932	600164	890216							
G8024-SR2	Start	596708							449807	603147	756487
	Min.	267642							183715	265855	347351
	End	425448							260520	413860	567200
G8028-SR2	Start	596708					400971	575211	836572		
	Min.	267642					157208	251008	389914		
	End	425448					211684	385924	647285		
G8032-SR2	Start	596708				443877	672405	900932			
	Min.	267642				180497	302663	424119			
	End	425448				254590	483117	711645			
G8036-SR2	Start	596708			399925	544951	689977	980029			
	Min.	267642			156640	234925	312002	466157			
	End	425448			210637	355664	500690	790742			
G8040-SR2	Start	596708		426807	606214	785622	965030				
	Min.	267642		171231	267485	362835	458185				
	End	425448		237519	416927	596335	775742				
G80T32-SR2	Start	596708	443877	672405	900932						
	Min.	267642	180497	302663	424119						
	End	425448	254590	483117	711645						
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)									
		40	50	60	70	80	100	120	150	175	200
		Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GPI 1.18 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										
G80T36-SR2	Start	596708	689977	980029								
	Min.	267642	312002	466157								
	End	425448	500690	790742								
G8024-SR1	Start	740334								519609	672949	
	Min.	324312								197593	280821	
	End	501030								255115	408455	
G8028-SR1	Start	740334						491673	753034			
	Min.	324312						182200	323782			
	End	501030						227179	488540			
G8032-SR1	Start	740334						588867	817394			
	Min.	324312						235184	357987			
	End	501030						324372	552900			
G8036-SR1	Start	740334			461413	606439	896491					
	Min.	324312			165183	244722	400025					
	End	501030			196919	341945	631997					
G8040-SR1	Start	740334		522676	702084	881492						
	Min.	324312		199258	296635	392053						
	End	501030		258182	437590	616998						
G80T32-SR1	Start	740334		588867	817394							
	Min.	324312		235184	357987							
	End	501030		324372	552900							
G80T36-SR1	Start	740334	606439	896491								
	Min.	324312	244722	400025								
	End	501030	341945	631997								
G10028-SR4	Start	1008209						700980	1040899	1324165	1607431	
	Min.	415623						230819	419513	572083	722631	
	End	595962						245339	585258	868524	1151790	
G10032-SR4	Start	1008209						830624	1128488	1575284	1947614	2319944
	Min.	415623						304665	467054	705546	903429	1101312
	End	595962						374983	672847	1119643	1491973	1864303
G10036-SR4	Start	1008209			666459	855766	1234382	1612997	2180920			
	Min.	415623			210113	318804	524366	725589	1027425			
	End	595962			210818	400125	778741	1157356	1725279			
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)										
		40	50	60	70	80	100	120	150	175	200	
		Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GPI 1.19 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Pressure Torque Output Start/Min./End (lb-in)									
G10040-SR4	Start	1008209			747906	982340	1216773	1685640	2154507			
	Min.	415623			258147	387729	514973	764197	1013387			
	End	595962			292265	526698	761132	1229999	1698866			
G100T32-SR4	Start	1008209		830624	1128488	1426352	1724216	2319944				
	Min.	415623		304665	467054	626393	784699	1101312				
	End	595962		374983	672847	970711	1268575	1864303				
G100T36-SR4	Start	1008209	855766	1234382	1612997	1991613	2370228					
	Min.	415623	318804	524366	725589	926813	1128036					
	End	595962	400125	778741	1157356	1535972	1914587					
G100T40-SR4	Start	1008209	1216773	1685640	2154507							
	Min.	415623	514973	764197	1013387							
	End	595962	761132	1229999	1698866							
G10028-SR3	Start	1255683								917404	1200670	1483935
	Min.	506612								298311	458337	612086
	End	707696								311734	595000	878266
G10032-SR3	Start	1255683							1004993	1451789	1824119	2196449
	Min.	506612							349235	594638	794439	992322
	End	707696							399323	846119	1218449	1590779
G10036-SR3	Start	1255683						1110886	1489502	2057425		
	Min.	506612						408785	615108	918434		
	End	707696						505217	883832	1451756		
G10040-SR3	Start	1255683				858844	1093278	1562145	2031012			
	Min.	506612				253175	398883	654536	904397			
	End	707696				253175	487608	956475	1425342			
G100T32-SR3	Start	1255683			1004993	1302857	1600721	2196449				
	Min.	506612			349235	513802	675474	992322				
	End	707696			399323	697187	995051	1590779				
G100T36-SR3	Start	1255683		1110886	1489502	1868117	2246733					
	Min.	506612		408785	615108	817823	1019046					
	End	707696		505217	883832	1262448	1641063					
G100T40-SR3	Start	1255683	1093278	1562145	2031012							
	Min.	506612	398883	654536	904397							
	End	707696	487608	956475	1425342							
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GPI 1.20 RevA

Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										
G10028-SR2	Start	1376071									1051832	1335098
	Min.	576512									381200	536338
	End	842359									461939	745205
G10032-SR2	Start	1376071						856155	1302951	1675281	2047611	
	Min.	576512						266263	518890	719895	917778	
	End	842359						266263	713059	1085389	1457718	
G10036-SR2	Start	1376071						962049	1340664	1908587		
	Min.	576512						330710	539359	843891		
	End	842359						372156	750772	1318695		
G10040-SR2	Start	1376071					944440	1413307	1882174			
	Min.	576512					320667	578788	829853			
	End	842359					354548	823415	1292282			
G100T32-SR2	Start	1376071			856155	1154019	1451883	2047611				
	Min.	576512			266263	438053	599726	917778				
	End	842359			266263	564127	861991	1457718				
G100T36-SR2	Start	1376071		962049	1340664	1719280	2097895					
	Min.	576512		330710	539359	743279	944502					
	End	842359		372156	750772	1129387	1508003					
G100T40-SR2	Start	1376071	944440	1413307	1882174							
	Min.	576512	320667	578788	829853							
	End	842359	354548	823415	1292282							
G10032-SR1	Start	1705474							1126509	1498839	1871169	
	Min.	701107							348982	565312	767402	
	End	1001997							348982	721312	1093642	
G10036-SR1	Start	1705474							1164222	1732146		
	Min.	701107							374976	691944		
	End	1001997							386695	954618		
G10040-SR1	Start	1705474						1236865	1705732			
	Min.	701107						417942	677608			
	End	1001997						459338	928205			
G100T32-SR1	Start	1705474					1275441	1871169				
	Min.	701107					440054	767402				
	End	1001997					497914	1093642				
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)										
		40	50	60	70	80	100	120	150	175	200	
		Operating Pressure (PSIG)										



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Data sheet

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Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)									
		40	50	60	70	80	100	120	150	175	200
		Pressure Torque Output Start/Min./End (lb-in)									
G100T36-SR1	Start	1705474			1164222	1542838	1921453				
	Min.	701107			374976	589193	794695				
	End	1001997			386695	765311	1143926				
G100T40-SR1	Start	1705474		1236865	1705732						
	Min.	701107		417942	677608						
	End	1001997		459338	928205						
G13040-SR4	Start	2211312					1663924	2262769	3161037	3909593	4658150
	Min.	878540					534901	872607	1358137	1755974	2153810
	End	1203606					550144	1148989	2047256	2795813	3544369
G13044-SR4	Start	2211312				1578089	2305186	3032284	4122930		
	Min.	878540				464308	895630	1289708	1869356		
	End	1203606				464308	1191405	1918503	3009149		
G13048-SR4	Start	2211312			1706174	2139956	3007521	3875085			
	Min.	878540			559891	805947	1276547	1737633			
	End	1203606			592393	1026176	1893740	2761304			
G13052-SR4	Start	2211312		1730436	2240559	2750682	3770928	4791174			
	Min.	878540		574242	860552	1137433	1682277	2224509			
	End	1203606		616655	1126778	1636901	2657147	3677393			
G130T40-SR4	Start	2211312	1663924	2262769	2861615	3460460	4658150				
	Min.	878540	534901	872607	1197644	1517272	2153810				
	End	1203606	550144	1148989	1747834	2346679	3544369				
G130T44-SR4	Start	2211312	1578089	2305186	3032284	3759381	4486479				
	Min.	878540	464308	895630	1289708	1676140	2062572				
	End	1203606	464308	1191405	1918503	2645600	3372698				
G130T48-SR4	Start	2211312	2139956	3007521	3875085	4742649					
	Min.	878540	805947	1276547	1737633	2198719					
	End	1203606	1026176	1893740	2761304	3628869					
G130T52-SR4	Start	2211312	2750682	3770928	4791173						
	Min.	878540	1137433	1682277	2224509						
	End	1203606	1636901	2657147	3677393						
G13040-SR3	Start	2726939						1977818	2876086	3624642	4373198
	Min.	1076104						579086	1114531	1520826	1920020
	End	1461419						579086	1477353	2225910	2974466
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)									
		40	50	60	70	80	100	120	150	175	200
		Operating Pressure (PSIG)									



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Date: September 2009

G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)										
		40	50	60	70	80	100	120	150	175	200	
		Pressure Torque Output Start/Min./End (lb-in)										
G13044-SR3	Start	2726939						2020235	2747332	3837978		
	Min.	1076104						621502	1044647	1635565		
	End	1461419						621502	1348600	2439246		
G13048-SR3	Start	2726939						2722569	3590134			
	Min.	1076104						1031206	1502096			
	End	1461419						1323837	2191401			
G13052-SR3	Start	2726939			1955608	2465730	3485976	4506222				
	Min.	1076104			556875	887953	1445563	1990718				
	End	1461419			556875	1066998	2087244	3107490				
G130T40-SR3	Start	2726939		1977818	2576663	3175508	4373198					
	Min.	1076104		579086	950338	1277049	1920020					
	End	1461419		579086	1177931	1776776	2974466					
G130T44-SR3	Start	2726939	2020235	2747332	3474430	4201527						
	Min.	1076104	621502	1044647	1439295	1828781						
	End	1461419	621502	1348600	2075697	2802795						
G130T48-SR3	Start	2726939	2722569	3590134	4457698							
	Min.	1076104	1031206	1502096	1964929							
	End	1461419	1323837	2191401	3058966							
G130T52-SR3	Start	2726939	2465730	3485976	4506222							
	Min.	1076104	887953	1445563	1990718							
	End	1461419	1066998	2087244	3107490							
G13040-SR2	Start	3268420							2535384	3283940	4032497	
	Min.	1295550							831426	1253610	1659906	
	End	1769673							878873	1627430	2375986	
G13044-SR2	Start	3268420						2406630	3497277			
	Min.	1295550						750120	1369403			
	End	1769673						750120	1840766			
G13048-SR2	Start	3268420						2381867	3249432			
	Min.	1295550						725357	1234880			
	End	1769673						725357	1592921			
G13052-SR2	Start	3268420						3145274	4165520			
	Min.	1295550						1178199	1732108			
	End	1769673						1488764	2509010			
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)										
		40	50	60	70	80	100	120	150	175	200	
		Operating Pressure (PSIG)										



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G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)	Operating Pressure (PSIG)									
		40	50	60	70	80	100	120	150	175	200
		Pressure Torque Output Start/Min./End (lb-in)									
G130T40-SR2	Start	3268420				2235961	2834806	4032496			
	Min.	1295550				579451	1003604	1659906			
	End	1769673				579451	1178296	2375986			
G130T44-SR2	Start	3268420		2406630	3133728	3860825					
	Min.	1295550		750120	1171706	1566728					
	End	1769673		750120	1477218	2204315					
G130T48-SR2	Start	3268420	2381867	3249432	4116996						
	Min.	1295550	725357	1234880	1705770						
	End	1769673	725357	1592921	2460486						
G130T52-SR2	Start	3268420	2125029	3145274	4165520						
	Min.	1295550	468518	1178199	1732108						
	End	1769673	468518	1488764	2509010						
G13040-SR1	Start	3784047								2998989	3747545
	Min.	1493114								990695	1414274
	End	2027486								1057527	1806083
G13044-SR1	Start	3784047							3212325		
	Min.	1493114							1114314		
	End	2027486							1270863		
G13048-SR1	Start	3784047						2964480			
	Min.	1493114						970284			
	End	2027486						1023018			
G13052-SR1	Start	3784047						2860323	3880569		
	Min.	1493114						908288	1486476		
	End	2027486						918861	1939107		
G130T40-SR1	Start	3784047						3747545			
	Min.	1493114						1414274			
	End	2027486						1806083			
G130T44-SR1	Start	3784047			2848776	3575874					
	Min.	1493114			900989	1318761					
	End	2027486			907314	1634412					
G130T48-SR1	Start	3784047		2964480	3832045						
	Min.	1493114		970284	1460139						
	End	2027486		1023018	1890583						
Actuator Model	Spring Torque Start/Min./End (lb-in)	Pressure Torque Output Start/Min./End (lb-in)									
		40	50	60	70	80	100	120	150	175	200
		Operating Pressure (PSIG)									



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Sheet No.: GPI 1.24 RevA

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G-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

G-Series (cont.)

Actuator Model	Spring Torque Start/Min./End (lb-in)		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Pressure Torque Output Start/Min./End (lb-in)									
G130T52-SR1	Start	3784047		2860323	3880569							
	Min.	1493114		908288	1486476							
	End	2027486		918861	1939107							
Actuator Model	Spring Torque Start/Min./End (lb-in)		Pressure Torque Output Start/Min./End (lb-in)									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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