

Data sheet

Sheet No.: GCPI 1.01 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC01008	Full Piston outboard CW	Start	7074	8842	10610	12379	14147	17684	21221	26526	30947	
		Min	4264	5330	6396	7462	8528	10660	12793	15991	18656	
		End	9971	12464	14956	17449	19942	24927	29912	37391	43622	
	Rod side inboard CCW	Start	9812	12265	14718	17172	19625	24531	29437	36796	42929	
		Min	4196	5245	6295	7344	8393	10491	12589	15736	18359	
		End	6961	8701	10442	12182	13922	17403	20883	26104	30455	
GC01009	Full Piston outboard CW	Start	8986	11233	13479	15726	17973	22466	26959	33698		
		Min	5417	6772	8126	9480	10835	13543	16252	20315		
		End	12667	15834	19000	22167	25334	31667	38001	47501		
	Rod side inboard CCW	Start	12508	15635	18762	21889	25017	31271	37525	46906		
		Min	5349	6687	8024	9361	10699	13373	16048	20060		
		End	8874	11092	13311	15529	17747	22184	26621	33276		
GC01010	Full Piston outboard CW	Start	11878	14848	17818	20787	23757	29696				
		Min	7161	8951	10741	12531	14322	17902				
		End	16744	20930	25116	29302	33488	41860				
	Rod side inboard CCW	Start	16585	20732	24878	29024	33171	41463				
		Min	7093	8866	10640	12413	14186	17733				
		End	11766	14708	17649	20591	23532	29415				
GC01012	Full Piston outboard CW	Start	16977	21222	25466	29710	33955					
		Min	10235	12793	15352	17910	20469					
		End	23931	29914	35897	41879	47862					
	Rod side inboard CCW	Start	23772	29715	35659	41602	47545					
		Min	10167	12708	15250	17792	20333					
		End	16865	21081	25297	29513	33729					
GC01014	Full Piston outboard CW	Start	20621	25776	30931							
		Min	12431	15539	18647							
		End	29067	36334	43601							
	Rod side inboard CCW	Start	28908	36136	43363							
		Min	12363	15454	18545							
		End	20508	25635	30763							
GC2009	Full Piston outboard CW	Start	10878	13598	16317	19037	21756	27195	32634	40793	47592	
		Min	6558	8197	9837	11476	13115	16394	19673	24591	28690	
		End	15334	19167	23001	26834	30667	38334	46001	57501	67085	
	Rod side inboard CCW	Start	15142	18927	22712	26498	30283	37854	45425	56781	66245	
		Min	6476	8094	9713	11332	12951	16189	19427	24283	28331	
		End	10742	13427	16113	18798	21484	26855	32225	40282	46995	
GC2010	Full Piston outboard CW	Start	14379	17974	21569	25164	28758	35948	43138			
		Min	8668	10835	13003	15170	17337	21671	26005			
		End	20269	25336	30403	35471	40538	50672	60807			
	Rod side inboard CCW	Start	20077	25096	30116	35135	40154	50193	60231			
		Min	8586	10733	12879	15026	17173	21466	25759			
		End	14243	17804	21365	24925	28486	35608	42729			
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.02 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC2012	Full Piston outboard CW	Start	20551	25689	30827	35965	41103	51379				
		Min	12389	15486	18584	21681	24778	30973				
End		28969	36211	43454	50696	57938	72423					
GC2014	Rod side inboard CCW	Start	28777	35971	43166	50360	57554	71943				
		Min	12307	15384	18461	21537	24614	30768				
End		20415	25519	30623	35726	40830	51038					
GC2016	Full Piston outboard CW	Start	24962	31203	37443	43684	49924					
		Min	15048	18810	22572	26334	30096					
End		35187	43983	52780	61577	70373						
GC2016	Rod side inboard CCW	Start	34994	43743	52492	61240	69989					
		Min	14966	18707	22449	26190	29932					
End		24826	31032	37239	43445	49652						
GC3010	Full Piston outboard CW	Start	32905	41131	49357							
		Min	19836	24795	29754							
End		46382	57978	69573								
GC3010	Rod side inboard CCW	Start	46190	57738	69286							
		Min	19754	24693	29631							
End		32769	40961	49153								
GC3012	Full Piston outboard CW	Start	17438	21797	26157	30516	34876	43595	52313	65392	76290	87189
		Min	10512	13140	15768	18396	21024	26280	31536	39421	45991	52561
End		24580	30725	36870	43015	49161	61451	73741	92176	107539	122901	
GC3012	Rod side inboard CCW	Start	24215	30269	36323	42377	48430	60538	72645	90807	105941	121076
		Min	10356	12945	15534	18123	20712	25890	31068	38835	45308	51780
End		17179	21473	25768	30063	34358	42947	51536	64420	75157	85894	
GC3014	Full Piston outboard CW	Start	24952	31190	37428	43666	49904	62379	74855			
		Min	15042	18802	22563	26323	30084	37605	45126			
End		35172	43965	52758	61551	70344	87930	105516				
GC3014	Rod side inboard CCW	Start	34807	43508	52210	60911	69613	87016	104420			
		Min	14886	18607	22328	26050	29771	37214	44657			
End		24693	30866	37039	43212	49385	61731	74078				
GC3016	Full Piston outboard CW	Start	30321	37902	45482	53062	60642	75803				
		Min	18279	22848	27418	31988	36558	45697				
End		42741	53426	64111	74796	85481	106852					
GC3016	Rod side inboard CCW	Start	42376	52969	63563	74157	84751	105939				
		Min	18123	22653	27184	31715	36245	45307				
End		30062	37578	45093	52609	60124	75156					
GC3016	Full Piston outboard CW	Start	39990	49988	59986	69983	79981					
		Min	24108	30135	36162	42189	48216					
End		56370	70463	84556	98648	112741						
GC3016	Rod side inboard CCW	Start	56005	70007	84008	98009	112011					
		Min	23952	29940	35927	41915	47903					
End		39731	49664	59597	69530	79463						
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.03 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC3020	Full Piston outboard CW	Start	63308	179135								
		Min	38164	47705								
		End	89238	111548								
	Rod side inboard CCW	Start	88873	111092								
		Min	38008	47510								
		End	63049	78811								
GC4012	Full Piston outboard CW	Start	30204	37755	45306	52857	60408	75510	90612	113265	132143	151020
		Min	18208	22760	27312	31864	36416	45520	54624	68280	79660	91041
		End	42575	53219	63863	74507	85151	106439	127726	159658	186268	212877
	Rod side inboard CCW	Start	41937	52421	62905	73390	83874	104842	125811	157264	183474	209685
		Min	17935	22419	26903	31386	35870	44838	53805	67256	78466	89675
		End	29751	37189	44627	52064	59502	74378	89253	111567	130161	148755
GC4014	Full Piston outboard CW	Start	36725	45906	55087	64268	73449	91811	110174	137717	160670	
		Min	22139	27674	33208	38743	44278	55347	66417	83021	96858	
		End	51767	64708	77650	90592	103534	129417	155300	194125	226480	
	Rod side inboard CCW	Start	51128	63910	76692	89474	102256	127820	153384	191730	223685	
		Min	21866	27332	32799	38265	43731	54664	65597	81996	95663	
		End	36271	45339	54407	63475	72543	90678	108814	136018	158687	
GC4016	Full Piston outboard CW	Start	48466	60582	72698	84815	96931	121164	145397			
		Min	29217	36521	43825	51129	58434	73042	87651			
		End	68317	85396	102475	119554	136634	170792	204950			
	Rod side inboard CCW	Start	67678	84598	101518	118437	135357	169196	203035			
		Min	28944	36180	43416	50652	57888	72359	86831			
		End	48013	60016	72019	84022	96025	120032	144038			
GC4020	Full Piston outboard CW	Start	76779	95974	115169	134364	153559					
		Min	46285	57857	69428	81000	92571					
		End	108228	135285	162342	189399	216456					
	Rod side inboard CCW	Start	107589	134487	161384	188281	215179					
		Min	46012	57516	69019	80522	92025					
		End	76326	95408	114490	133571	152653					
GC4024	Full Piston outboard CW	Start	111536	139420	167304							
		Min	67238	84047	100857							
		End	157220	196525	235831							
	Rod side inboard CCW	Start	156582	195727	234872							
		Min	66965	83706	100447							
		End	111083	138853	166624							
GC4028	Full Piston outboard CW	Start	157434									
		Min	94907									
		End	221918									
	Rod side inboard CCW	Start	221279									
		Min	94634									
		End	156981									
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.04 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC5016	Full Piston outboard CW	Start	62427	78034	93640	109247	124854	156067	187281	234101	273118	312134
		Min	37633	47042	56450	65858	75267	94083	112900	141125	164645	188166
		End	87997	109996	131995	153994	175993	219992	263990	329987	384985	439983
	Rod side inboard CCW	Start	86527	108159	129791	151423	173055	216319	259582	324478	378558	432637
		Min	37005	46256	55507	64759	74010	92512	111015	138768	161897	185025
		End	61385	76731	92077	107423	122769	153462	184154	230192	268558	306923
GC5020	Full Piston outboard CW	Start	99069	123836	148603	173370	198137	247672	297206	371507		
		Min	59722	74653	89583	104514	119445	149306	179167	223958		
		End	139647	174558	209470	244382	279293	349117	418940	523675		
	Rod side inboard CCW	Start	138177	172722	207266	241811	276355	345444	414532	518166		
		Min	59094	73867	88641	103414	118188	147735	177282	221602		
		End	98026	122533	147040	171546	196053	245066	294079	367599		
GC5024	Full Piston outboard CW	Start	144047	180059	216071	252083	288094	360118				
		Min	86837	108546	130256	151965	173674	217093				
		End	203048	253810	304572	355335	406097	507621				
	Rod side inboard CCW	Start	201579	251974	302369	352763	403158	503948				
		Min	86209	107761	129313	150865	172417	215522				
		End	143005	178756	214507	250259	286010	357512				
GC5028	Full Piston outboard CW	Start	203445	254306	305167	356028	406890					
		Min	122644	153305	183966	214627	245288					
		End	286775	358469	430162	501856	573550					
	Rod side inboard CCW	Start	285306	356632	427959	499285	570611					
		Min	122016	152520	183024	213528	244032					
		End	202403	253003	303604	354204	404805					
GC5032	Full Piston outboard CW	Start	265973	332466	398959							
		Min	160338	200423	240508							
		End	374914	468643	562371							
	Rod side inboard CCW	Start	373445	466806	560167							
		Min	159710	199638	239565							
		End	264931	331163	397396							
GC5036	Full Piston outboard CW	Start	336838									
		Min	203059									
		End	474806									
	Rod side inboard CCW	Start	473337									
		Min	202430									
		End	335796									
GC7020	Full Piston outboard CW	Start	121145	151431	181717	212003	242289	302861	363434	454292	530007	605723
		Min	73030	91288	109546	127803	146061	182576	219091	273864	319508	365152
		End	170765	213456	256147	298838	341530	426912	512294	640368	747096	853824
	Rod side inboard CCW	Start	168483	210604	252725	294845	336966	421208	505449	631812	737114	842415
		Min	72055	90068	108082	126096	144109	180137	216164	270205	315239	360273
		End	119526	149407	179289	209170	239052	298815	358578	448222	522926	597629
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.05 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

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**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC7024	Full Piston outboard CW	Start	176346	220432	264518	308605	352691	440864	529037	661296	771512	
		Min	106308	132885	159462	186038	212615	265769	318923	398654	465096	
		End	248576	310720	372864	435008	497152	621440	745728	932160	1087519	
	Rod side inboard CCW	Start	246294	307868	369441	431015	492588	615735	738883	923603	1077537	
Min		105332	131665	157998	184331	210664	2633303	315996	394995	460827		
End		174727	218409	262090	305772	349454	436817	524181	655226	764430		
GC7028	Full Piston outboard CW	Start	249243	311553	373864	436174	498485	623106	747728			
		Min	150253	187816	225379	262942	300505	375632	450758			
		End	351331	439164	526997	614830	702662	878328	1053994			
	Rod side inboard CCW	Start	349050	436312	523574	610837	698099	872624	1047149			
Min		149277	186596	223915	261235	298554	373192	447831				
End		247624	309530	371436	433342	495248	619060	742872				
GC7032	Full Piston outboard CW	Start	325982	407477	488972	570468	651963					
		Min	196514	245642	294771	343899	393028					
		End	459502	574378	689253	804129	919004					
	Rod side inboard CCW	Start	457220	571526	685831	800136	914441					
Min		195538	244423	293307	342192	391076						
End		324363	405454	486544	567635	648726						
GC7036	Full Piston outboard CW	Start	412953	516191	619429	722668						
		Min	248943	311179	373415	435651						
		End	582097	727621	873145	1018669						
	Rod side inboard CCW	Start	579815	724769	869722	1014676						
Min		247968	309960	371951	433943							
End		411334	514168	617001	719835							
GC70T28	Full Piston outboard CW	Start	496866	621083	745300							
		Min	299530	374412	449294							
		End	700381	875476	1050571							
	Rod side inboard CCW	Start	700381	875476	1050571							
Min		299530	374412	449294								
End		496866	621083	745300								
GC8024	Full Piston outboard CW	Start	208386	260483	312580	364676	416773	520966	625159	781449	911691	1041932
		Min	125623	157029	188435	219840	251246	314058	376869	471087	549601	628116
		End	293741	367176	440611	514046	587481	734351	881222	1101527	1285115	1468703
	Rod side inboard CCW	Start	289701	362126	434551	506976	579401	724251	869102	1086377	1267440	1448503
Min		123895	154869	185843	216817	247791	309738	371686	464608	542042	619477	
End		205520	256900	308281	359661	411041	513801	616561	770701	899152	1027602	
GC8028	Full Piston outboard CW	Start	294783	368479	442174	515870	589566	736957	884349	1105436		
		Min	177706	222133	266559	310986	355412	444265	533118	666398		
		End	415525	519406	623287	727168	831049	1038812	1246574	1558218		
	Rod side inboard CCW	Start	411485	514356	617227	720098	822969	1028712	1234454	1543068		
Min		175978	219973	263968	307962	351957	439946	527935	659919			
End		291917	364896	437875	510854	583834	729792	875751	1094688			
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.06 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

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**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC8032	Full Piston outboard CW	Start	385733	482166	578599	675032	771466	964332	1157198			
		Min	232534	290668	348801	406935	465068	581335	697602			
End		543727	679659	815591	951523	1087454	1359318	1631182				
GC8036	Rod side inboard CCW	Start	539687	674609	809531	944453	1079374	1349218	1619062			
		Min	230806	288508	346210	403911	461613	577016	692419			
End		382867	478583	574300	670017	765733	957167	1148600				
GC8040	Full Piston outboard CW	Start	488810	611012	733214	855417	977619	1222024				
		Min	294673	368341	442009	515677	589345	736682				
End		689024	861280	1033536	1205791	1378047	1722559					
GC8044	Rod side inboard CCW	Start	684984	856230	1027476	1198721	1369967	1712459				
		Min	292945	366181	439417	512654	585890	732362				
End		485943	607429	728915	850401	971887	1214859					
GC8048	Full Piston outboard CW	Start	604013	755016	906020	1057023	1208026					
		Min	364122	455152	546182	637213	728243					
End		851414	1064268	1277121	1489975	1702828						
GC8044	Rod side inboard CCW	Start	847374	1059218	1271061	1482905	1694748					
		Min	362394	452992	543591	634189	724788					
End		601147	751434	901720	1052007	1202294						
GC80T32	Full Piston outboard CW	Start	731343	914179	1097015	1279851						
		Min	440881	551101	661322	771542						
End		1030898	1288623	1546347	1804072							
GC80T32	Rod side inboard CCW	Start	1026858	1283573	1540287	1797002						
		Min	439153	548942	658730	768518						
End		728477	910597	1092716	1274835							
GC8048	Full Piston outboard CW	Start	768600	960749	1152899							
		Min	463341	579176	695011							
End		1083414	1354268	1625122								
GC8048	Rod side inboard CCW	Start	1083414	1354268	1625122							
		Min	463341	579176	695011							
End		768600	960749	1152899								
GC80T36	Full Piston outboard CW	Start	870800	1088501	1306201							
		Min	524951	656189	787427							
End		1227476	1534346	1841215								
GC80T36	Rod side inboard CCW	Start	1223436	1529296	1835155							
		Min	523223	654029	784835							
End		867934	1084918	1301902								
GC80T36	Full Piston outboard CW	Start	974753	1218441								
		Min	587617	734522								
End		1374007	1717509									
GC80T36	Rod side inboard CCW	Start	1374007	1717509								
		Min	587617	734522								
End		974753	1218441									
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.07 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC10028	Full Piston outboard CW	Start	384913	481141	577369	673597	769826	962282	1154738	1443423	1683993	1924564
		Min	232040	290050	348060	406070	464080	580100	696119	870149	1015174	1160199
	Rod side inboard CCW	End	542571	678214	813857	949500	1085143	1356428	1627714	2034643	2373750	2712857
		Start	535166	668957	802749	936540	1070331	1337914	1605497	2006871	2341350	2675828
GC10032	Full Piston outboard CW	Min	228873	286091	343309	400527	457745	572182	686618	858272	1001318	1144363
		End	379659	474574	569489	664403	759318	949148	1138977	1423721	1661008	1898295
	Rod side inboard CCW	Start	504285	630356	756428	882499	1008570	1260713	1512855	1891069	2206248	2521426
		Min	304002	380002	456003	532003	608004	760005	912006	1140007	1330008	1520010
GC10036	Full Piston outboard CW	End	710838	888548	1066257	1243967	1421676	1777095	2132514	2665643	3109917	3554190
		Start	703432	879291	1055149	1231007	1406865	1758581	2110297	2637872	3077517	3517162
	Rod side inboard CCW	Min	300835	376043	451252	526461	601670	752087	902504	1128130	1316152	1504174
		End	499031	623789	748547	873305	998063	1247578	1497094	1871368	2183262	2495157
GC10040	Full Piston outboard CW	Start	639573	799467	959360	1119253	1279147	1598933	1918720	2398400		
		Min	385559	481948	578338	674728	771117	963897	1156676	1445845		
	Rod side inboard CCW	End	901540	1126925	1352310	1577694	1803079	2253849	2704619	3380774		
		Start	894134	1117668	1341201	1564735	1788268	2235335	2682402	3353003		
GC10040	Full Piston outboard CW	Min	382392	477989	573587	669185	764783	955979	1147175	1433968		
		End	634320	792899	951479	1110059	1268639	1585799	1902959	2378698		
	Rod side inboard CCW	Start	790778	988472	1186167	1383861	1581556	1976945	2372334			
		Min	476710	595888	715066	834243	953421	1191776	1430131			
GC10040	Full Piston outboard CW	End	1114677	1393346	1672016	1950685	2229354	2786693	3344031			
		Start	1107271	1384089	1660907	1937725	2214543	2768178	3321814			
	Rod side inboard CCW	Min	473543	591929	710315	828701	947087	1183858	1420630			
		End	785524	981905	1178286	1374667	1571048	1963810	2356573			
GC100T32	Full Piston outboard CW	Start	1003317	1254146	1504975	1755804	2006633	2508291				
		Min	604837	756046	907255	1058464	1209673	1512092				
	Rod side inboard CCW	End	1414271	1767838	2121406	2474973	2828541	3535676				
		Start	1414271	1767838	2121406	2474973	2828541	3535676				
GC100T36	Full Piston outboard CW	Min	604837	756046	907255	1058464	1209673	1512092				
		End	1003317	1254146	1504975	1755804	2006633	2508291				
	Rod side inboard CCW	Start	1273893	1592366	1910839	2229313	2547786					
		Min	767950	959938	1151925	1343913	1535900					
GC100T36	Full Piston outboard CW	End	1795674	2244592	2693511	3142429	3591347					
		Start	1795674	2244592	2693511	3142429	3591347					
	Rod side inboard CCW	Min	767950	959938	1151925	1343913	1535900					
		End	1273893	1592366	1910839	2229313	2547786					
GC100T40	Full Piston outboard CW	Start	1576302	1970378	2364453							
		Min	950254	1187817	1425381							
	Rod side inboard CCW	End	2221948	2777435	3332923							
		Start	2221948	2777435	3332923							
Actuator Model	Stroke Direction		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.08 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC01008-SR4	Start	9705						11513	16419	23778	29911	
	Min	5672						4406	6528	9710	12361	
	End	12471						6676	10156	15377	19728	
GC01009-SR4	Start	9705				8872	11999	18253	24507	33888	41706	49524
	Min	5672				3264	4616	7321	10025	14081	17461	20842
	End	12471				4802	7020	11457	15894	22549	28095	33641
GC01010-SR4	Start	9705		7714	11860	16007	20153	28446	36738	49177		
	Min	5672		2764	4557	6349	8142	11728	15314	20692		
	End	12471		3981	6922	9864	12805	18688	24571	33396		
GC01012-SR4	Start	9705	10755	16698	22641	28584	34527	46413				
	Min	5672	4078	6648	9218	11788	14357	19497				
	End	12471	6138	10354	14570	18786	23002	31435				
GC01014-SR4	Start	9705	15891	23118	30345	37572	44799					
	Min	5672	6299	9424	12549	15674	18799					
	End	12471	9781	14909	20036	25163	30290					
GC01008-SR3	Start	11358						9666	14572	21931	28064	
	Min	6571						3410	5531	8713	11365	
	End	14240						4849	8329	13550	17901	
GC01009-SR3	Start	11358					10152	16406	22660	32041	39859	47676
	Min	6571					3620	6324	9028	13084	16465	19845
	End	14240					5193	9630	14067	20722	26268	31814
GC01010-SR3	Start	11358			10013	14159	18306	26598	34891	47330		
	Min	6571			3560	5353	7145	10731	14317	19695		
	End	14240			5095	8037	10978	16861	22744	31569		
GC01012-SR3	Start	11358	8907	14850	20794	26737	32680	44566				
	Min	6571	3082	5651	8221	10791	13361	18500				
	End	14240	4311	8527	12743	16959	21175	29608				
GC01014-SR3	Start	11358	14043	21271	28498	35725	42952					
	Min	6571	5302	8427	11552	14677	17802					
	End	14240	7954	13081	18209	23336	28463					
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.09 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC01008-SR2	Start	12970								12505	19865	25997	
	Min	7495								4517	7699	10350	
	End	16220								6548	11769	16120	
GC01009-SR2	Start	12970							14339	20593	29974	37792	45610
	Min	7495							5310	8014	12070	15450	18831
	End	16220							7849	12286	18941	24487	30033
GC01010-SR2	Start	12970				12093	16239	24532	32825	45264			
	Min	7495				4338	6131	9717	13303	18681			
	End	16220				6256	9197	15080	20963	29788			
GC01012-SR2	Start	12970		12784	18727	24670	30613	42499					
	Min	7495		4637	7207	9777	12346	17486					
	End	16220		6746	10962	15178	19394	27827					
GC01014-SR2	Start	12970	11977	19204	26431	33658	40885						
	Min	7495	4288	7413	10538	13663	16788						
	End	16220	6173	11300	16428	21555	26682						
GC01008-SR1	Start	15418									17636	23769	
	Min	8733									6304	8956	
	End	18355									9063	13414	
GC01009-SR1	Start	15418								18365	27746	35563	43381
	Min	8733								6619	10675	14056	17436
	End	18355								9580	16235	21781	27328
GC01010-SR1	Start	15418						22303	30596	43035			
	Min	8733						8322	11908	17286			
	End	18355						12374	18257	27082			
GC01012-SR1	Start	15418			16498	22441	28384	40271					
	Min	8733			5812	8382	10952	16091					
	End	18355			8256	12472	16689	25121					
GC01014-SR1	Start	15418		16975	24202	31430	38657						
	Min	8733		6018	9143	12268	15393						
	End	18355		8595	13722	18849	23976						
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GCPI 1.10 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
Air Torque Output, lb-in													
GC01008-SR0	Start	20314										20007	
	Min	11080										6278	
	End	21959										8003	
GC01009-SR0	Start	20314								23984	31802	39620	
	Min	11080								7998	11378	14758	
	End	21959								10824	16370	21916	
GC01010-SR0	Start	20314							26834	39273			
	Min	11080							9230	14609			
	End	21959							12846	21671			
GC01012-SR0	Start	20314				24623	36509						
	Min	11080				8274	13414						
	End	21959				11277	19710						
GC01014-SR0	Start	20314			27668	34895							
	Min	11080			9591	12716							
	End	21959			13438	18565							
GC01008-SR0 (CCW)	Start	28972									13929		
	Min	10412									6927		
	End	14952									11549		
GC01009-SR0 (CCW)	Start	28972							16750	22297	27843		
	Min	10412							8688	12150	15611		
	End	14952							15761	24038	32316		
GC01010-SR0 (CCW)	Start	28972					12889	18772	27597				
	Min	10412					6279	9950	15458				
	End	14952					9998	18778	31949				
GC01012-SR0 (CCW)	Start	28972			12987	17204	25636						
	Min	10412			6340	8971	14234						
	End	14952			10144	16437	29022						
GC01014-SR0 (CCW)	Start	28972			14237	19364	24491						
	Min	10412			7120	10320	13519						
	End	14952			12009	19661	27313						
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
Operating Pressure (PSIG)													



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GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC2009-SR4	Start	18353								23515	34871	44335	
	Min	10231								8350	13261	17353	
	End	20989								11940	19997	26710	
GC2010-SR4	Start	18353							28283	38321			
	Min	10231							10412	14752			
	End	20989							15323	22444			
GC2012-SR4	Start	18353			21256	28450	35644	50033					
	Min	10231			7373	10484	13595	19816					
	End	20989			10338	15441	20545	30753					
GC2014-SR4	Start	18353		21833	30582	39330	48079						
	Min	10231		7623	11406	15189	18972						
	End	20989		10747	16954	23160	29367						
GC2016-SR4	Start	18353	24280	35828	47376								
	Min	10231	8681	13674	18667								
	End	20989	12484	20676	28868								
GC2009-SR3	Start	20511							20291	31647	41111		
	Min	11552							6919	11829	15921		
	End	24078							9556	17612	24326		
GC2010-SR3	Start	20511						25059	35097				
	Min	11552						8980	13321				
	End	24078						12938	20060				
GC2012-SR3	Start	20511			25226	32420	46809						
	Min	11552			9053	12164	18385						
	End	24078			13057	18161	28368						
GC2014-SR3	Start	20511			27358	36107	44855						
	Min	11552			9975	13757	17540						
	End	24078			14569	20776	26982						
GC2016-SR3	Start	20511	21057	32604	44152								
	Min	11552	7250	12243	17236								
	End	24078	10099	18291	26483								
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Sheet No.: GCPI 1.12 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC2009-SR2	Start	22826									28739	38203	
	Min	12869									10382	14474	
	End	26864									15053	21767	
GC2010-SR2	Start	22826						22151	32189				
	Min	12869						7533	11874				
	End	26864						10379	17501				
GC2012-SR2	Start	22826				22318	29512	43901					
	Min	12869				7605	10716	16938					
	End	26864				10498	15602	25809					
GC2014-SR2	Start	22826			24450	33198	41947						
	Min	12869			8527	12310	16093						
	End	26864			12010	18217	24423						
GC2016-SR2	Start	22826		29696	41244								
	Min	12869		10796	15789								
	End	26864		15732	23924								
GC2009-SR1	Start	26328								25260	34723		
	Min	14693								8340	12432		
	End	30197								11182	17896		
GC2010-SR1	Start	26328							28710				
	Min	14693							9832				
	End	30197							13630				
GC2012-SR1	Start	26328					26033	40422					
	Min	14693					8674	14895					
	End	30197					11731	21938					
GC2014-SR1	Start	26328				29719	38468						
	Min	14693				10268	14051						
	End	30197				14346	20552						
GC2016-SR1	Start	26328		26217	37764								
	Min	14693		8754	13747								
	End	30197		11861	20053								
Actuator Model	Spring Torque lb-in		Air Torque Output, 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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GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC3010-SR4	Start	30936								35830	53991	69125	84260
	Min	17224								12398	20250	26794	33338
	End	35269								17344	30228	40965	51701
GC3012-SR4	Start	30936						32797	50200	67604			
	Min	17224						11086	18611	26136			
	End	35269						15192	27539	39885			
GC3014-SR4	Start	30936				37341	47935	69123					
	Min	17224				13051	17632	26793					
	End	35269				18416	25932	40963					
GC3016-SR4	Start	30936		33228	47237	61245	75254						
	Min	17224		11273	17330	23387	29444						
	End	35269		15498	25436	35374	45312						
GC3020-SR4	Start	30936	52057	74276									
	Min	17224	19414	29021									
	End	35269	28856	44618									
GC3010-SR3	Start	35235									48875	64010	79144
	Min	19617									17609	24153	30697
	End	40170									25477	36214	46951
GC3012-SR3	Start	35235						45085	62488				
	Min	19617						15970	23495				
	End	40170						22788	35134				
GC3014-SR3	Start	35235						42820	64008				
	Min	19617						14990	24152				
	End	40170						21181	36212				
GC3016-SR3	Start	35235			42121	56130	70139						
	Min	19617			14688	20745	26803						
	End	40170			20685	30624	40562						
GC3020-SR3	Start	35235	46942	69160									
	Min	19617	16773	26380									
	End	40170	24105	39867									
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
Air Torque Output, lb-in													
GC3010-SR2	Start	40233									42923	58057	73192
	Min	22401									14536	21080	27624
	End	45872									19953	30689	41426
GC3012-SR2	Start	40233						39132	56535				
	Min	22401						12897	20422				
	End	45872						17263	29610				
GC3014-SR2	Start	40233						58055					
	Min	22401						21079					
	End	45872						30688					
GC3016-SR2	Start	40233				50177	64186						
	Min	22401				17673	23730						
	End	45872				25099	35037						
GC3020-SR2	Start	40233	40989	63207									
	Min	22401	13700	23307									
	End	45872	18581	34343									
GC3010-SR1	Start	46042									51144	66278	
	Min	25635									17509	24053	
	End	52495									24268	35005	
GC3012-SR1	Start	46042							49622				
	Min	25635							16851				
	End	52495							23189				
GC3014-SR1	Start	46042						51141					
	Min	25635						17508					
	End	52495						24266					
GC3016-SR1	Start	46042					57272						
	Min	25635					20159						
	End	52495					28616						
GC3020-SR1	Start	46042		56294									
	Min	25635		19736									
	End	52495		27922									
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
Operating Pressure (PSIG)													



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Data sheet

Sheet No.: GCPI 1.15 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
Air Torque Output, lb-in													
GC4012-SR4	Start	57328								61799	93252	119463	145673
	Min	31147								19841	33441	44774	56107
	End	61322								25891	48204	66798	85393
GC4014-SR4	Start	57328							63808	89372	127718	159673	
	Min	31147							20710	31764	48344	62161	
	End	61322							27316	45451	72655	95325	
GC4016-SR4	Start	57328						71345	105184	139023			
	Min	31147						23969	38601	53232			
	End	61322						32663	56669	80675			
GC4020-SR4	Start	57328		70475	97372	124270	151167						
	Min	31147		23593	35223	46853	58483						
	End	61322		32045	51127	70209	89290						
GC4024-SR4	Start	57328	92570	131715	170861								
	Min	31147	33146	50072	66998								
	End	61322	47720	75491	103261								
GC4012-SR3	Start	69206									81383	107593	133804
	Min	37345									26505	37838	49171
	End	72693									35075	53670	72264
GC4014-SR3	Start	69206								77503	115849	147804	
	Min	37345								24827	41407	55224	
	End	72693								32323	59526	82196	
GC4016-SR3	Start	69206						93315	127154				
	Min	37345						31664	46296				
	End	72693						43540	67547				
GC4020-SR3	Start	69206			85503	112400	139298						
	Min	37345			28286	39916	51546						
	End	72693			37998	57080	76162						
GC4024-SR3	Start	69206	80701	119846	158991								
	Min	37345	26210	43136	60062								
	End	72693	34591	62362	90133								
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
Operating Pressure (PSIG)													



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Data sheet

Sheet No.: GCPI 1.16 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Spring-Return Actuators
GC-Series (cont.)**

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC4028-SR3	Start	69206	145398										
	Min	37345	54184										
	End	72693	80490										
GC4012-SR2	Start	81970									93833	120044	
	Min	44190									30223	41556	
	End	85875									39563	58157	
GC4014-SR2	Start	81970									102089	134044	
	Min	44190									33792	47609	
	End	85875									45420	68089	
GC4016-SR2	Start	81970								113394			
	Min	44190								38681			
	End	85875								53440			
GC4020-SR2	Start	81970				98640	125538						
	Min	44190				32301	43931						
	End	85875				42973	62055						
GC4024-SR2	Start	81970		106086	145231								
	Min	44190		35521	52447								
	End	85875		48255	76026								
GC4028-SR2	Start	81970	131638										
	Min	44190	46569										
	End	85875	66383										
GC4012-SR1	Start	93685											103595
	Min	51171											33953
	End	101632											45209
GC4014-SR1	Start	93685										117595	
	Min	51171										40007	
	End	101632										55141	
GC4016-SR1	Start	93685								96945			
	Min	51171								31078			
	End	101632								40491			
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GCPI 1.17 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Spring-Return Actuators
GC-Series (cont.)**

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC4020-SR1	Start	93685					109089					
	Min	51171					36329					
	End	101632					49106					
GC4024-SR1	Start	93685			128783							
	Min	51171			44844							
	End	101632			63077							
GC4028-SR1	Start	93685	115190									
	Min	51171	38967									
	End	101632	53434									
GC5016-SR4	Start	127950								199265	253345	307425
	Min	66284								66005	89388	112772
	End	119952								88774	127139	165505
GC5020-SR4	Start	127950						220231	289320	392953		
	Min	66284						75070	104943	149753		
	End	119952						103647	152661	226180		
GC5024-SR4	Start	127950			177156	227551	277946	378735				
	Min	66284			56445	78235	100025	143605				
	End	119952			73089	108840	144592	216094				
GC5028-SR4	Start	127950	160093	231419	302746	374072	445399					
	Min	66284	49067	79908	110749	141589	172430					
	End	119952	60984	111585	162185	212786	263387					
GC5032-SR4	Start	127950	248232	341594	434955							
	Min	66284	87177	127546	167914							
	End	119952	123512	189745	255977							
GC5016-SR3	Start	153055								176981	231060	285140
	Min	78872								51794	75177	98560
	End	141300								61026	99392	137757
GC5020-SR3	Start	153055						197947	267035	370668		
	Min	78872						60859	90732	135542		
	End	141300						75900	124913	198433		
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.18 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)												
			40	50	60	70	80	100	120	150	175	200			
			Air Torque Output, lb-in												
GC5024-SR3	Start	153055				205266	255661	356451							
	Min	78872				64024	85814	129394							
	End	141300				81093	116844	188346							
GC5028-SR3	Start	153055		209135	280461	351788	423114								
	Min	78872		65697	96537	127378	158219								
	End	141300		83837	134438	185038	235639								
GC5032-SR3	Start	153055	225948	319309	412670										
	Min	78872	72966	113335	153703										
	End	141300	95765	161997	228230										
GC5036-SR3	Start	153055	325840												
	Min	78872	116158												
	End	141300	166630												
GC5016-SR2	Start	189808													258300
	Min	96241													78684
	End	167012													97136
GC5020-SR2	Start	189808								240195	343828				
	Min	96241								70856	115666				
	End	167012								84292	157811				
GC5024-SR2	Start	189808					228821	329610							
	Min	96241					65938	109518							
	End	167012					76223	147725							
GC5028-SR2	Start	189808			253621	324948	396274								
	Min	96241			76661	107502	138343								
	End	167012			93816	144417	195018								
GC5032-SR2	Start	189808	199108	292469	385830										
	Min	96241	53090	93459	133827										
	End	167012	55143	121376	187609										
GC5036-SR2	Start	189808	298999												
	Min	96241	96282												
	End	167012	126009												
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in												
			40	50	60	70	80	100	120	150	175	200			
			Operating Pressure (PSIG)												



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Data sheet

Sheet No.: GCPI 1.19 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
Air Torque Output, lb-in												
GC5016-SR1	Start	211633										226365
	Min	109483										64314
	End	197605										73013
GC5020-SR1	Start	211633							208260	311893		
	Min	109483							56485	101295		
	End	197605							60169	133689		
GC5024-SR1	Start	211633						297675				
	Min	109483						95148				
	End	197605						123603				
GC5028-SR1	Start	211633			221686	293013	364339					
	Min	109483			62291	93131	123972					
	End	197605			69694	120295	170895					
GC5032-SR1	Start	211633		260534	353895							
	Min	109483		79088	119456							
	End	197605		97253	163486							
GC5036-SR1	Start	211633	267064									
	Min	109483	81912									
	End	197605	101886									
GC7020-SR4	Start	255736								388496	493798	599100
	Min	131211								125807	171338	216870
	End	233092								165566	240269	314973
GC7024-SR4	Start	255736						372420	495567	680288	834222	
	Min	131211						118856	172103	251974	318533	
	End	233092						154161	241524	372570	481774	
GC7028-SR4	Start	255736				367521	454784	629309	803833			
	Min	131211				116737	154469	229931	305394			
	End	233092				150686	212592	336404	460216			
GC7032-SR4	Start	255736		328210	442515	556821	671126					
	Min	131211		99740	149164	198588	248012					
	End	233092		122797	203888	284979	366070					
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
Operating Pressure (PSIG)												



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Data sheet

Sheet No.: GCPI 1.20 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC7036-SR4	Start	255736	336500	481453	626407	771361						
	Min	131211	103324	166000	228677	291353						
	End	233092	128678	231512	334345	437179						
GC70T28-SR4	Start	255736	454784	629309	803833							
	Min	131211	154469	229931	305394							
	End	233092	212592	336404	460216							
GC7024-SR3	Start	304124							452761	637482	791416	
	Min	155446							144736	224607	291166	
	End	274099							188043	319089	428293	
GC7028-SR3	Start	304124					411978	586502	761027			
	Min	155446					127101	202564	278027			
	End	274099					159111	282923	406735			
GC7032-SR3	Start	304124			399709	514014	628319					
	Min	155446			121797	171221	220645					
	End	274099			150407	231498	312589					
GC7036-SR3	Start	304124		438647	583601	728555						
	Min	155446		138633	201309	263986						
	End	274099		178031	280864	383698						
GC70T28-SR3	Start	304124	411978	586502	761027							
	Min	155446	127101	202564	278027							
	End	274099	159111	282923	406735							
GC7024-SR2	Start	368442							395792	580512	734446	
	Min	187672							108347	188218	254778	
	End	328675							116956	248001	357205	
GC7028-SR2	Start	368442						529533	704058			
	Min	187672						166176	241638			
	End	328675						211835	335647			
GC7032-SR2	Start	368442				457045	571350					
	Min	187672				134832	184257					
	End	328675				160410	241501					
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.21 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC7036-SR2	Start	368442		381678	526631	671585						
	Min	187672		99497	164921	227597						
	End	328675		106943	209776	312610						
GC70T28-SR2	Start	368442		529533	704058							
	Min	187672		166176	241638							
	End	328675		211835	335647							
GC7024-SR1	Start	416829							537706	691640		
	Min	211907							160851	227410		
	End	369683							194520	303724		
GC7028-SR1	Start	416829					486727	661251				
	Min	211907					138808	214271				
	End	369683					158354	282166				
GC7032-SR1	Start	416829					528544					
	Min	211907					156889					
	End	369683					188020					
GC7036-SR1	Start	416829			483825	628779						
	Min	211907			137554	200230						
	End	369683			156295	259129						
GC70T28-SR1	Start	416829		486727	661251							
	Min	211907		138808	214271							
	End	369683		158354	282166							
GC8024-SR3	Start	422302							618810	799873	980936	
	Min	228714							215807	294096	372386	
	End	447921							303946	432397	560847	
GC8028-SR3	Start	422302					561145	766887	1075501			
	Min	228714					190873	279834	413275			
	End	447921					263037	408995	627933			
GC8032-SR3	Start	422302				476886	611808	881651	1151495			
	Min	228714				154440	212779	329456	446134			
	End	447921				203262	298978	490412	681845			
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.22 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
			Air Torque Output, lb-in									
GC8036-SR3	Start	422302			559909	731155	902401	1244892				
	Min	228714			190338	264383	338428	486518				
	End	447921			262160	383646	505132	748104				
GC8040-SR3	Start	422302		591651	803494	1015338	1227181					
	Min	228714		204063	295662	387261	478860					
	End	447921		284679	434965	585252	735539					
GC8044-SR3	Start	422302	559291	816006	1072721	1329435						
	Min	228714	190071	301072	412073	523073						
	End	447921	261722	443842	625961	808080						
GC80T32-SR3	Start	422302	611808	881651	1151495							
	Min	228714	212779	329456	446134							
	End	447921	298978	490412	681845							
GC8048-SR3	Start	422302	755870	1061729	1367588							
	Min	228714	275070	407320	539570							
	End	447921	401179	618163	835147							
GC80T36-SR3	Start	422302	902401	1244892								
	Min	228714	338428	486518								
	End	447921	505132	748104								
GC8024-SR2	Start	497301							536792	717854	898917	
	Min	269146							170874	249163	327453	
	End	526494							221053	349503	477954	
GC8028-SR2	Start	497301					479126	684868	993482			
	Min	269146					145940	234900	368341			
	End	526494					180144	326102	545040			
GC8032-SR2	Start	497301				529789	799633	1069476				
	Min	269146				167846	284523	401200				
	End	526494				216085	407519	598952				
GC8036-SR2	Start	497301		477890	649136	820382	1162874					
	Min	269146		145405	219450	293495	441584					
	End	526494		179267	300753	422239	665210					
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCPI 1.23 RevC

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GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC8040-SR2	Start	497301		509632	721476	933319	1145163						
	Min	269146		159130	250729	342328	433926						
	End	526494		201785	352072	502359	652646						
GC8044-SR2	Start	497301	477273	733987	990702	1247416							
	Min	269146	145138	256139	367139	478140							
	End	526494	178829	360948	543068	725187							
GC80T32-SR2	Start	497301	529789	799633	1069476								
	Min	269146	167846	284523	401200								
	End	526494	216085	407519	598952								
GC8048-SR2	Start	497301	673851	979710	1285569								
	Min	269146	230136	362387	494637								
	End	526494	318286	535270	752253								
GC80T36-SR2	Start	497301	820382	1162874									
	Min	269146	293495	441584									
	End	526494	422239	665210									
GC8024-SR1	Start	616608											802526
	Min	327225											261444
	End	618835											346088
GC8028-SR1	Start	616608					382735	588477	897091				
	Min	327225					48279	168891	302332				
	End	618835					48279	194237	413175				
GC8032-SR1	Start	616608					703241	973085					
	Min	327225					218514	335191					
	End	618835					275653	467087					
GC8036-SR1	Start	616608				723990	1066482						
	Min	327225				227486	375575						
	End	618835				290373	533345						
GC8040-SR1	Start	616608		413241	625084	836928	1048771						
	Min	327225		69920	184720	276319	367917						
	End	618835		69920	220207	370494	520780						
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GCPI 1.24 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC8044-SR1	Start	616608		637596	894311	1151025							
	Min	327225		190130	301130	412131							
	End	618835		229083	411202	593322							
GC80T32-SR1	Start	616608		703241	973085								
	Min	327225		218514	335191								
	End	618835		275653	467087								
GC8048-SR1	Start	616608	577460	883319	1189178								
	Min	327225	164128	296378	428628								
	End	618835	186421	403404	620388								
GC80T36-SR1	Start	616608	723990	1066482									
	Min	327225	227486	375575									
	End	618835	290373	533345									
GC10028-SR4	Start	838424							1242717	1577195	1911674		
	Min	424030							389947	534572	679197		
	End	732047							497042	734329	971616		
GC10032-SR4	Start	838424						994426	1346143	1873717	2313362	2753007	
	Min	424030						282589	434667	662785	852882	1042980	
	End	732047						320899	570415	944689	1256583	1568478	
GC10036-SR4	Start	838424				1024113	1471180	1918247	2588848				
	Min	424030				295425	488732	682039	971999				
	End	732047				341960	659120	976279	1452019				
GC10040-SR4	Start	838424			1173570	1450388	2004024	2557659					
	Min	424030			360049	479742	719128	958514					
	End	732047			447988	644369	1037131	1429893					
GC100T32-SR4	Start	838424		1346143	1697859	2049575	2753007						
	Min	424030		434667	586746	738824	1042980						
	End	732047		570415	819931	1069446	1568478						
GC100T36-SR4	Start	838424	1024113	1471180	1918247	2365314	2812381						
	Min	424030	295425	488732	682039	875346	1068653						
	End	732047	341960	659120	976279	1293439	1610599						
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GCPI 1.25 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)										
			40	50	60	70	80	100	120	150	175	200	
			Air Torque Output, lb-in										
GC100T40-SR4	Start	838424	1450388	2004024	2557659								
	Min	424030	479742	719128	958514								
	End	732047	644369	1037131	1429893								
GC10032-SR3	Start	1043712							1204808	1732382	2172027	2611672	
	Min	519475							325023	553141	743238	933336	
	End	867444							343518	717792	1029686	1341581	
GC10036-SR3	Start	1043712						1329845	1776912	2447513			
	Min	519475						379088	572395	862355			
	End	867444						432223	749383	1225122			
GC10040-SR3	Start	1043712					1309053	1862689	2416324				
	Min	519475					370098	609484	848870				
	End	867444					417472	810234	1202996				
GC100T32-SR3	Start	1043712			1204808	1556524	1908240	2611672					
	Min	519475			325023	477102	629180	933336					
	End	867444			343518	593034	842549	1341581					
GC100T36-SR3	Start	1043712		1329845	1776912	2223979	2671046						
	Min	519475		379088	572395	765702	959009						
	End	867444		432223	749383	1066542	1383702						
GC100T40-SR3	Start	1043712	1309053	1862689	2416324								
	Min	519475	370098	609484	848870								
	End	867444	417472	810234	1202996								
GC10032-SR2	Start	1144789								1556164	1995809	2435455	
	Min	585990								482042	672140	862237	
	End	1036257								606075	917969	1229864	
GC10036-SR2	Start	1144789						1153628	1600695	2271295			
	Min	585990						307990	501296	791257			
	End	1036257						320506	637666	1113406			
GC10040-SR2	Start	1144789						1686471	2240107				
	Min	585990						538385	777771				
	End	1036257						698518	1091280				
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in										
			40	50	60	70	80	100	120	150	175	200	
			Operating Pressure (PSIG)										



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Data sheet

Sheet No.: GCPI 1.26 RevC

Date: November 2011

GC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			40	50	60	70	80	100	120	150	175	200
Air Torque Output, lb-in												
GC100T32-SR2	Start	1144789				1380306	1732022	2435455				
	Min	585990				406003	558081	862237				
	End	1036257				481317	730833	1229864				
GC100T36-SR2	Start	1144789		1153628	1600695	2047762	2494829					
	Min	585990		307990	501296	694603	887910					
	End	1036257		320506	637666	954826	1271985					
GC100T40-SR2	Start	1144789	1132835	1686471	2240107							
	Min	585990	298999	538385	777771							
	End	1036257	305755	698518	1091280							
GC10040-SR1	Start	1418194						1483742	2037377			
	Min	715759						390033	629419			
	End	1230469						396333	789095			
GC100T32-SR1	Start	1418189					1529293	2232725				
	Min	715757					409731	713887				
	End	1230469					428653	927685				
GC100T36-SR1	Start	1418189				1845032	2292099					
	Min	715757				546253	739560					
	End	1230469				652646	969806					
GC100T40-SR1	Start	1418189		1483742	2037377							
	Min	715757		390035	629421							
	End	1230469		396338	789100							
Actuator Model	Spring Torque lb-in		Air Torque Output, lb-in									
			40	50	60	70	80	100	120	150	175	200
Operating Pressure (PSIG)												



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Data sheet

Sheet No.: GCHI 1.01 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Double-Acting Actuators

GC-Series

Actuator Model	Stroke Direction		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC01001.5	Full Piston outboard CCW	Start	4460	6690	8920	13379	17839	22299	26759	35679	44598
		Min	1907	2861	3815	5722	7629	9537	11444	15259	19073
		End	3164	4746	6328	9492	12656	15819	18983	25311	31639
	Rod side inboard CW	Start	2088	3132	4176	6263	8351	10439	12527	16702	20878
		Min	1259	1888	2517	3776	5034	6293	7552	10069	12586
		End	2943	4414	5886	8829	11772	14715	17658	23543	29429
GC01001.7	Full Piston outboard CCW	Start	6070	9105	12140	18210	24280	30350	36421		
		Min	2596	3894	5192	7788	10384	12980	15576		
		End	4306	6459	8613	12919	17225	21531	25838		
	Rod side inboard CW	Start	2901	4351	5801	8702	11603	14503	17404		
		Min	1749	2623	3497	5246	6995	8743	104921		
		End	4089	6133	8178	12266	16355	20444	24533		
GC01002.0	Full Piston outboard CCW	Start	7930	11895	15860	23791	31721	39651	47581		
		Min	3392	5087	6783	10175	13566	16958	20349		
		End	5626	8439	11252	16878	22504	28130	33755		
	Rod side inboard CW	Start	4219	6328	8437	12656	16874	21093	25311		
		Min	2543	3815	5086	7629	10172	12715	15259		
		End	5946	8920	11893	17839	23786	29732	35679		
GC01002.2	Full Piston outboard CCW	Start	10035	15053	20070	30106	40141				
		Min	4292	6438	8583	12875	17167				
		End	7119	10679	14238	21358	28477				
	Rod side inboard CW	Start	5714	8570	11427	17141	22855				
		Min	3444	5167	6889	10333	13778				
		End	8054	12081	16108	24162	32216				
GC01002.5	Full Piston outboard CCW	Start	12390	18585	24780	37170					
		Min	5299	7948	10598	15896					
		End	8790	13185	17580	26369					
	Rod side inboard CW	Start	7382	11074	14765	22147					
		Min	4450	6676	8901	13351					
		End	10406	15609	20812	31219					
GC01003.0	Full Piston outboard CCW	Start	17842	26763	35684						
		Min	7630	11446	15261						
		End	12657	18986	25315						
	Rod side inboard CW	Start	11250	16875	22500						
		Min	6782	10173	13564						
		End	15858	23787	31716						
GC01003.5	Full Piston outboard CCW	Start	24283	36424							
		Min	10385	15577							
		End	17227	25840							
	Rod side inboard CW	Start	15821	23732							
		Min	9538	14306							
		End	22302	33452							
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.02 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Double-Acting Actuators

GC-Series (cont.)

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC2001.7	Full Piston outboard	Start	7348	11022	14696	22044	29392	36740	44088	58784		
		Min	3143	4714	6285	9428	12570	15713	18855	25140		
		End	5213	7819	10426	15639	20851	26064	31277	41703		
	Rod side inboard	CW	Start	3511	5267	7023	10534	14045	17557	21068	28091	
		Min	2117	3175	4234	6350	8467	10584	12701	16934		
		End	4950	7424	9899	14849	19798	24748	29698	39597		
GC2002.0	Full Piston outboard	Start	9600	14400	19200	28799	38399	47999	57599			
		Min	4106	6158	8211	12317	16422	20528	24633			
		End	6810	10215	13621	20431	27241	34052	40862			
	Rod side inboard	CW	Start	5107	7660	10213	15320	20427	25533	30640		
		Min	3078	4618	6157	9235	12314	15392	18471			
		End	7198	10797	14397	21595	28793	35992	43190			
GC2002.2	Full Piston outboard	Start	12148	18222	24296	36444	48592	60739				
		Min	5195	7793	10391	15586	20781	25976				
		End	8618	12927	17236	25854	374472	43090				
	Rod side inboard	CW	Start	6917	10375	13833	20750	27666	34583			
		Min	4170	6254	8339	12509	16678	20848				
		End	9749	14624	19499	29248	38998	48747				
GC2002.5	Full Piston outboard	Start	14998	22498	29997	44995	59994					
		Min	6414	9622	12829	19243	25657					
		End	10640	15960	21281	31921	42561					
	Rod side inboard	CW	Start	8937	13405	17873	26810	35747				
		Min	5387	8081	10775	16162	21549					
		End	12597	18896	25194	37791	50388					
GC2003.0	Full Piston outboard	Start	21598	32397	43196	64794						
		Min	9237	13855	18473	27710						
		End	15322	22983	30644	45966						
	Rod side inboard	CW	Start	13618	20428	27237	40855					
		Min	8210	12315	16419	24629						
		End	19196	28795	38393	57589						
GC2003.5	Full Piston outboard	Start	29395	44093	58790							
		Min	12571	18857	25143							
		End	20854	31280	41707							
	Rod side inboard	CW	Start	19152	28728	38304						
		Min	11546	17318	23091							
		End	26997	40495	53993							
GC2004.0	Full Piston outboard	Start	38393	57589								
		Min	16419	24629								
		End	27237	40855								
	Rod side inboard	CW	Start	25535	38303							
		Min	15394	23091								
		End	35995	53992								
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCHI 1.03 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC3002.0	Full Piston outboard	Start	11687	17530	23373	35060	46747	58433	70120	93493	116867	
		Min	4998	7497	9996	14994	19992	24990	29988	39984	49980	
		End	8291	12436	16582	24872	33163	41454	49745	66326	82908	
	Rod side inboard	CW	Start	5050	7576	10101	15151	20202	25252	30303	40404	50505
		Min	3045	4567	6089	9134	12178	15223	18268	24357	30446	
		End	7119	10679	14238	21357	28477	35596	42715	56953	71191	
GC3002.2	Full Piston outboard	Start	14789	22183	29577	44366	59155	73944	88732	118310		
		Min	6325	9487	12649	18974	25299	31623	37948	50597		
		End	10491	15737	20983	31474	41966	52457	62949	83932		
	Rod side inboard	CW	Start	7254	10881	14508	21761	29015	36269	43523	58030	
		Min	4373	6559	8746	13119	17491	21864	26237	34983		
		End	10225	15337	20450	30675	40900	51125	61349	81799		
GC3002.5	Full Piston outboard	Start	18259	27389	36518	54777	73036	91295	109554			
		Min	7809	11713	15618	23426	31235	39044	46853			
		End	12953	19430	25907	38860	51814	64767	77720			
	Rod side inboard	CW	Start	9716	14574	19431	29147	38863	48579	58294		
		Min	5857	8785	11714	17571	23428	29285	35142			
		End	13695	20543	27390	41086	54781	68476	82171			
GC3003.0	Full Piston outboard	Start	26293	39440	52586	78880	105173					
		Min	11245	16867	22489	33734	44979					
		End	18653	27979	37306	55959	74612					
	Rod side inboard	CW	Start	15413	23119	30825	46238	61651				
		Min	9291	13937	18583	27874	37165					
		End	21726	32588	43451	65177	86902					
GC3003.5	Full Piston outboard	Start	35785	53678	71571	107356						
		Min	15304	22956	30608	45913						
		End	25387	38080	50774	76161						
	Rod side inboard	CW	Start	22149	33224	44299	66448					
		Min	13352	20029	26705	40057						
		End	31222	46832	62443	93665						
GC3004.0	Full Piston outboard	Start	46739	70109	93479							
		Min	19989	29983	39978							
		End	33158	49737	66316							
	Rod side inboard	CW	Start	29920	44880	59840						
		Min	18037	27056	36074							
		End	42175	63263	84351							
GC3004.5	Full Piston outboard	Start	59155	88732	118310							
		Min	25299	37948	50597							
		End	41966	62949	83932							
	Rod side inboard	CW	Start	38728	58092	77456						
		Min	23347	35020	46694							
		End	54591	81887	109182							
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCHI 1.04 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC4002.5	Full Piston outboard	Start	22172	33258	44343	66515	88687	110858	133030	177374	221717	
		Min	9482	14223	18964	28446	37928	47410	56893	75857	94821	
		End	15729	23594	31458	47187	62916	78646	94375	125833	157291	
	Rod side inboard	CW	Start	10067	15101	20135	30202	40270	50337	60404	80539	100674
		Min	6069	9104	12138	18207	24276	30345	36414	48552	60690	
		End	14191	21286	28382	42573	56764	70955	85146	113528	141910	
GC4003.0	Full Piston outboard	Start	31927	47891	63855	95782	127710	159637	191565			
		Min	13654	20481	27309	40963	54617	68271	81926			
		End	22650	33975	45300	67950	90600	113250	135900			
	Rod side inboard	CW	Start	16985	25478	33970	50955	67941	84926	101911		
		Min	10239	15359	20479	30718	40957	51196	61436			
		End	23942	35913	47884	71827	95769	119711	143653			
GC4003.5	Full Piston outboard	Start	43454	65180	86907	130361	173815	217268				
		Min	18584	27876	37167	55751	74335	92918				
		End	30827	46241	61654	92481	123308	154135				
	Rod side inboard	CW	Start	25165	37748	50331	75496	100661	125827			
		Min	15171	22756	30341	45512	60682	75853				
		End	35473	53209	70946	106419	141892	177365				
GC4004.0	Full Piston outboard	Start	56755	85132	113510	170265	227019					
		Min	24272	36408	48544	72816	97089					
		End	40263	60395	80526	120790	161053					
	Rod side inboard	CW	Start	34601	51902	69203	103804	138406				
		Min	20859	31289	41718	62577	83436					
		End	48774	73161	97548	146322	195096					
GC4004.5	Full Piston outboard	Start	71831	107747	143662	215493	227019					
		Min	30720	46080	61440	92159	97089					
		End	50959	76438	1019177	152876	161053					
	Rod side inboard	CW	Start	45297	67945	90594	135891	138406				
		Min	27307	40960	54613	81920	83436					
		End	63850	95775	127701	191551	195096					
GC4005.0	Full Piston outboard	Start	88682	133023	177365							
		Min	37926	56890	75853							
		End	62913	94370	125827							
	Rod side inboard	CW	Start	57252	85877	114503						
		Min	34513	51770	69027							
		End	80702	121052	161403							
GC4006.0	Full Piston outboard	Start	127701	191551								
		Min	54613	81920								
		End	90594	135891								
	Rod side inboard	CW	Start	84932	127398							
		Min	51200	76800								
		End	119720	179580								
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCHI 1.05 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Double-Acting Actuators

GC-Series (cont.)

Actuator Model	Stroke Direction		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC5003.5	Full Piston outboard CCW	Start	56234	84351	112468	168702	224936	281171	337405	449873	562341
		Min	24049	36074	48099	72148	96198	120247	144297	192396	240495
		End	39894	59841	79788	119681	159575	199469	239363	319150	398938
	Rod side inboard CW	Start	26870	40304	53739	80609	107478	134348	161217	214956	268695
		Min	16198	24297	32396	48594	64792	80990	97188	129584	161980
		End	37875	56813	75750	113626	151501	189376	227251	303001	378752
GC5004.0	Full Piston outboard CCW	Start	73447	110171	146895	220342	293790	367237	440685		
		Min	31411	47117	62822	94233	125644	157055	188466		
		End	52105	78158	104211	156316	208421	260527	312632		
	Rod side inboard CW	Start	39081	58622	78162	117243	156324	195405	234486		
		Min	23560	35339	47119	70679	94238	117798	141357		
		End	55088	82633	110177	165265	220354	275442	330531		
GC5004.5	Full Piston outboard CCW	Start	92958	139437	185916	278873	371831	464789	557747		
		Min	39755	59632	79510	119265	159020	198775	238530		
		End	65946	98920	131893	197839	263786	329732	395679		
	Rod side inboard CW	Start	52922	79383	105844	158767	211689	264611	317533		
		Min	31903	47855	63807	95710	127614	159517	191421		
		End	74599	111898	1491987	223797	298396	372994	447593		
GC5005.0	Full Piston outboard CCW	Start	114765	172148	229531	344296	459061				
		Min	49081	73622	98163	147244	196325				
		End	81417	122126	162834	244251	325669				
	Rod side inboard CW	Start	68389	102583	136778	205166	273555				
		Min	41227	61841	82455	123682	164909				
		End	96400	144601	192801	289201	385602				
GC5006.0	Full Piston outboard CCW	Start	165260	247889	330519	495779					
		Min	70676	106014	141352	212028					
		End	117239	175859	234478	351717					
	Rod side inboard CW	Start	104215	156322	208430	312644					
		Min	62825	94237	125649	188474					
		End	146901	220351	293801	440702					
GC5007.0	Full Piston outboard CCW	Start	224942	337413	449885						
		Min	96200	144301	192401						
		End	159579	239369	319159						
	Rod side inboard CW	Start	146551	219826	293102						
		Min	88346	132520	176693						
		End	206577	309866	413155						
GC5008.0	Full Piston outboard CCW	Start	293796	440693							
		Min	125647	188470							
		End	208425	312638							
	Rod side inboard CW	Start	195401	293102							
		Min	117795	176693							
		End	275437	413155							
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.06 RevB

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GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Double-Acting Actuators

GC-Series (cont.)

Actuator Model	Stroke Direction		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC7004.0	Full Piston outboard CCW	Start	90140	135210	180280	270420	360560	450700	540840	721120	901400
		Min	38550	57825	77100	115650	154200	192750	231299	308399	385499
		End	63947	95921	127895	191842	255790	319737	383685	511580	639474
	Rod side inboard CW	Start	43714	65571	87428	131142	174855	218569	262283	349711	437139
		Min	26352	39529	52705	79057	105409	131762	158114	2108191	263524
		End	61619	92428	123238	184857	246476	308094	369713	492951	616189
GC7004.5	Full Piston outboard CCW	Start	114085	171127	228169	342254	456338	570423	684508	912677	
		Min	48790	73185	97580	146371	195161	243951	292741	390322	
		End	80934	121401	161869	242803	323737	404671	485606	647474	
	Rod side inboard CW	Start	60701	91051	121401	182102	242803	303504	364204	485606	
		Min	36593	54889	73185	109778	146371	182963	219556	292741	
		End	85563	128345	171127	256690	342254	427817	513381	684508	
GC7005.0	Full Piston outboard CCW	Start	140848	211272	281697	422545	563393	704241	845090		
		Min	60236	90354	120472	180708	240945	301181	361417		
		End	99921	149882	199842	299763	399684	499605	599526		
	Rod side inboard CW	Start	79687	119531	159375	239062	318750	398437	478125		
		Min	48039	72058	96077	144116	192154	240193	288232		
		End	112327	168491	224654	336981	449309	561636	673963		
GC7006.0	Full Piston outboard CCW	Start	202819	304228	405637	608456	811275	1014093			
		Min	86739	130108	173478	260216	346955	433694			
		End	143884	215826	287769	431653	575537	719421			
	Rod side inboard CW	Start	123651	185476	247301	370952	494603	618254			
		Min	74541	111812	149083	223624	298165	372706			
		End	174298	261446	348595	522893	697190	871488			
GC7007.0	Full Piston outboard CCW	Start	276066	414098	552131	828197					
		Min	118064	177096	236128	354192					
		End	195847	293771	391695	587542					
	Rod side inboard CW	Start	175609	263413	351217	526826					
		Min	105863	158795	211727	317590					
		End	247537	371306	495074	742612					
GC7008.0	Full Piston outboard CCW	Start	360567	540851	721135	1081702					
		Min	154203	231304	308405	462608					
		End	255795	383692	511590	767385					
	Rod side inboard CW	Start	235561	353342	471123	706684					
		Min	142005	213008	284010	426015					
		End	332046	498069	664092	996138					
GC7009.0	Full Piston outboard CCW	Start	456346	684518	912691						
		Min	195164	292746	390328						
		End	323742	485613	647484						
	Rod side inboard CW	Start	303509	455263	607017						
		Min	182966	274450	365933						
		End	427824	641737	855649						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.07 RevB

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GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Double-Acting Actuators

GC-Series (cont.)

Actuator Model	Stroke Direction		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC7010.0	Full Piston outboard CCW	Start	563393	845090							
		Min	240945	361417							
		End	399684	599526							
	Rod side inboard CW	Start	379451	569176							
		Min	228747	343121							
		End	534872	802308							
GC8005.0	Full Piston outboard CCW	Start	166931	250397	333863	500794	667725	834656	1001588	1335450	
		Min	71391	107086	142782	214173	285564	356955	428346	571128	
		End	118425	177637	236850	355275	473700	592125	710550	947400	
	Rod side inboard CW	Start	82599	123898	165198	247797	330396	412995	495594	660791	
		Min	49794	74691	99587	149381	199175	248969	298762	398350	
		End	116431	174647	232862	349293	465724	582155	698586	931449	
GC8006.0	Full Piston outboard CCW	Start	240378	360566	480755	721133	961511	1201888	1442266		
		Min	102802	154202	205603	308405	411206	514008	616809		
		End	170530	255794	341059	511589	682118	852648	1023177		
	Rod side inboard CW	Start	134710	202064	269419	404129	538838	673548	808257		
		Min	81208	121812	162416	243624	324832	406040	4872486		
		End	189886	284829	379772	569658	759544	949430	1139316		
GC8007.0	Full Piston outboard CCW	Start	325999	488998	651997	977996	1303994	1629993			
		Min	139419	209128	278838	418256	557675	697094			
		End	231271	346906	462542	693813	925084	1156355			
	Rod side inboard CW	Start	196289	294434	392579	588868	785157	981446			
		Min	118331	177496	236661	354992	473322	591653			
		End	276689	415033	553377	830066	1106754	1383443			
GC8008.0	Full Piston outboard CCW	Start	427339	641009	854678	1282017	1709356				
		Min	182759	274138	365518	548276	731035				
		End	303164	454746	606329	909493	1212657				
	Rod side inboard CW	Start	267344	401016	534689	802033	1069377				
		Min	161165	241748	322330	483495	644660				
		End	376847	565271	753695	1130542	1507389				
GC8009.0	Full Piston outboard CCW	Start	540854	811281	1081708	1622562					
		Min	231305	346958	462611	693916					
		End	383694	575542	767389	1151083					
	Rod side inboard CW	Start	347874	521812	695749	1043623					
		Min	209712	314568	419423	629135					
		End	490362	735543	980725	1471087					
GC8010.0	Full Piston outboard CCW	Start	667725	1001588	1335450						
		Min	285564	428346	571128						
		End	473700	710550	947400						
	Rod side inboard CW	Start	437874	656811	875748						
		Min	263967	395950	527933						
		End	617225	925837	1234450						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

**Double-Acting Actuators
GC-Series (cont.)**

Actuator Model	Stroke Direction		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC8012.0	Full Piston outboard CCW	Start	961519	1442279							
		Min	411210	616815							
End		682124	1023186								
GC1006.0	Rod side inboard CW	Start	646304	969456							
		Min	389616	584424							
End		911027	1366541								
GC1007.0	Full Piston outboard CCW	Start	315496	473244	630991	946487	1261983	1577478	1892974	2523965	3154957
		Min	134927	202391	269854	404781	539708	674635	809562	1079417	1349271
End		223820	335730	447640	671460	895280	1119100	1342920	1790560	2238200	
GC1008.0	Rod side inboard CW	Start	158156	237234	316312	474468	632624	790780	948935	1265247	1581559
		Min	95342	143013	190685	286027	381369	476711	572054	762738	953423
End		222936	334404	445872	668808	891743	1114679	1337615	1783487	2229359	
GC1009.0	Full Piston outboard CCW	Start	429435	644153	858870	1288306	1717741	2147176	2576611	3435482	
		Min	183655	275483	367310	550966	734621	918276	1101931	1469242	
End		304651	456977	609303	913954	1218606	1523257	1827908	2437211		
GC1010.0	Rod side inboard CW	Start	238979	358469	477959	716938	955917	1194897	1433876	1911835	
		Min	144066	216099	288131	432197	576263	720328	864394	1152525	
End		336864	505296	673728	1010593	1347457	1684321	2021185	2694914		
GC1012.0	Full Piston outboard CCW	Start	560882	841324	1121765	1682647	2243530	2804412	3365295		
		Min	239871	359806	479742	719613	959483	1199354	1439225		
End		397903	596855	795806	1193709	1591612	1989516	2387419			
GC1009.0	Rod side inboard CW	Start	332239	498359	664478	996717	1328956	1661195	1993434		
		Min	200286	300429	400572	600858	801144	1001430	1201717		
End		468323	702484	936645	1404968	1873291	2341613	2809936			
GC1010.0	Full Piston outboard CCW	Start	709871	1064806	1419742	2129613	2839483				
		Min	303588	455382	607177	910765	1214353				
End		503599	755398	1007198	1510797	2014396					
GC1012.0	Rod side inboard CW	Start	437927	656890	875854	1313781	1751708				
		Min	263999	395998	527997	791996	1055995				
End		617300	925950	1234600	1851900	2469200					
GC10010.0	Full Piston outboard CCW	Start	876836	1315253	1753671	2630507	3507343				
		Min	374994	562490	749987	1124981	1499974				
End		622048	933072	1244095	1866143	2488191					
GC10012.0	Rod side inboard CW	Start	556059	834089	1112118	1668177	2224236				
		Min	335213	502820	670426	1005639	1340853				
End		783818	1175727	1567637	2351455	3135273					
GC10012.0	Full Piston outboard CCW	Start	1261994	1892991	2523988						
		Min	539713	809570	1079426						
End		895288	1342932	1790576							
GC10012.0	Rod side inboard CW	Start	829624	1244436	1659248						
		Min	500128	750192	1000257						
End		1169434	1754151	2338868							
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

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GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Double-Acting Actuators

GC-Series (cont.)

Actuator Model	Stroke Direction		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC10014.0	Full Piston outboard CCW	Start	1717719	2576578	3435437						
		Min	734611	1101917	1469223						
		End	1218590	1827885	2437179						
	Rod side inboard CW	Start	1152918	1729377	2305835						
		Min	695022	1042533	1390044						
		End	1625148	2437721	3250295						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.10 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC01001.5-SR4	Start	9705								10526	16412
	Min	5672								3979	6524
	End	12471								5975	10151
GC01001.7-SR4	Start	9705							11515	19693	
	Min	5672							4407	7943	
	End	12471							6677	12479	
GC01002.0-SR4	Start	9705				10768	16714	22661			
	Min	5672				4084	6655	9227			
	End	12471				6147	10366	14584			
GC01002.2-SR4	Start	9705				11144	19198	27252			
	Min	5672				4247	7729	11212			
	End	12471				6414	12128	17841			
GC01002.5-SR4	Start	9705				18201	28607				
	Min	5672				7298	11798				
	End	12471				11420	18803				
GC01003.0-SR4	Start	9705		10769	18698	34556					
	Min	5672		4085	7513	14370					
	End	12471		6148	11773	23023					
GC01003.5-SR4	Start	9705	9284	20435	31586						
	Min	5672	3442	8264	13085						
	End	12471	5094	13005	20916						
GC01001.5-SR3	Start	11358									14564
	Min	6571									5528
	End	14240									8324
GC01001.7-SR3	Start	11358							17845		
	Min	6571							6946		
	End	14240							10651		
GC01002.0-SR3	Start	11358					14867	20813			
	Min	6571					5659	8230			
	End	14240					8539	12757			
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC01002.2-SR3	Start	11358					17351	25405			
	Min	6571					6732	10215			
	End	14240					10301	16014			
GC01002.5-SR2	Start	12970				14287	24693				
	Min	7495				5287	9787				
	End	16220				7812	15195				
GC01003.0-SR2	Start	12970			14784	30642					
	Min	7495			5502	12359					
	End	16220			8165	19415					
GC01003.5-SR2	Start	12970		16521	27672						
	Min	7495		6253	11074						
	End	16220		9397	17308						
GC01001.5-SR1	Start	15418								10269	
	Min	8733								3119	
	End	18355								3837	
GC01001.7-SR1	Start	15418							13550		
	Min	8733							4537		
	End	18355							6165		
GC01002.0-SR1	Start	15418						16518			
	Min	8733						5821			
	End	18355						8270			
GC01002.2-SR1	Start	15418					21109				
	Min	8733					7806				
	End	18355					11527				
GC01002.5-SR1	Start	15418				22465					
	Min	8733				8392					
	End	18355				12489					
GC01003.0-SR1	Start	15418			28414						
	Min	8733			10964						
	End	18355			16709						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC01003.5-SR1	Start	15418			25443							
	Min	8733			9680							
	End	18355			14602							
GC01002.2-SR0	Start	20314						17348				
	Min	11080						5128				
	End	21959						6116				
GC01002.5-SR0	Start	20314					18703					
	Min	11080					5714					
	End	21959					7078					
GC01003.0-SR0	Start	20314				24652						
	Min	11080				8287						
	End	21959				11298						
GC01002.2-SR0	Start	28972						12042				
	Min	10412						5750				
	End	14952						8734				
GC01002.5-SR0	Start	28972					13004					
	Min	10412					6350					
	End	14952					10169					
GC01003.0-SR0	Start	28972				17224						
	Min	10412				8984						
	End	14952				16468						
GC01003.5-SR0	Start	28972			15117							
	Min	10412			7669							
	End	14952			13322							
GC01003.5-SR0	Start	20314			21682							
	Min	11080			7002							
	End	21959			9191							
GC2001.7-SR4	Start	18353										27586
	Min	10231										10111
	End	20989										14829
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCHI 1.13 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC2002.0-SR4	Start	18353							21280	35677	
	Min	10231							7384	136091	
	End	20989							10355	20568	
GC2002.2-SR4	Start	18353						26838	36587		
	Min	10231						9787	14003		
	End	20989						14298	21214		
GC2002.5-SR4	Start	18353				28478	41075				
	Min	10231				10496	15943				
	End	20989				15462	24398				
GC2003.0-SR4	Start	18353				35680					
	Min	10231				13610					
	End	20989				20570					
GC2003.5-SR4	Start	18353			32083						
	Min	10231			12055						
	End	20989			18019						
GC2004.0-SR4	Start	18353		32082							
	Min	10231		12055							
	End	20989		18018							
GC2001.7-SR3	Start	20511									24362
	Min	11552									8679
	End	24078									12444
GC2002.0-SR3	Start	20511								32453	
	Min	11552								12178	
	End	24078								18184	
GC2002.2-SR3	Start	20511					23614	33363			
	Min	11552					8356	12571			
	End	24078					11913	18829			
GC2002.5-SR3	Start	20511				25254	37851				
	Min	11552				9065	14512				
	End	24078				13077	22013				
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.14 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC2003.0-SR3	Start	20511				32456					
	Min	11552				12179					
	End	24078				18186					
GC2003.5-SR3	Start	20511			28860						
	Min	11552			10624						
	End	24078			15635						
GC2004.0-SR3	Start	20511		28858							
	Min	11552		10623							
	End	24078		15633							
GC2001.7-SR2	Start	22826									21454
	Min	12869									7232
	End	26864									9885
GC2002.0-SR2	Start	22826								29544	
	Min	12869								10730	
	End	26864								15625	
GC2002.2-SR2	Start	22826							30455		
	Min	12869							11124		
	End	26864							16271		
GC2002.5-SR2	Start	22826				22346	34943				
	Min	12869				7618	13064				
	End	26864				10518	19455				
GC2003.0-SR2	Start	22826			29548						
	Min	12869			10731						
	End	26864			15627						
GC2003.5-SR2	Start	22826		25951							
	Min	12869		9176							
	End	26864		13076							
GC2004.0-SR2	Start	22826		25950							
	Min	12869		9176							
	End	26864		13075							
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.15 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

+ 1250 psig

* 1750 psig

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC2001.7-SR1	Start	26328									17975
	Min	14693									5190
	End	30197									6014
GC2002.0-SR1	Start	26328								26065	
	Min	14693								8688	
	End	30197								11753	
GC2002.2-SR1	Start	26328							26976		
	Min	14693							9082		
	End	30197							12399		
GC2002.5-SR1	Start	26328						31464			
	Min	14693						11022			
	End	30197						15583			
GC2003.0-SR1	Start	26328				35667 *					
	Min	14693				12839 *					
	End	30197				18565 *					
GC2003.5-SR1	Start	26328			35971 +						
	Min	14693			12971 +						
	End	30197			18780 +						
GC2004.0-SR1	Start	26328		22471							
	Min	14693		7134							
	End	30197		9203							
GC3002.0-SR4	Start	30936									34375
	Min	17224									11769
	End	35269									16312
GC3002.2-SR4	Start	30936							44983	65433	
	Min	17224							16356	25198	
	End	35269							23838	38345	
GC3002.5-SR4	Start	30936							45355	72746	
	Min	17224							16516	28360	
	End	35269							24102	43533	
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.16 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC3003.0-SR4	Start	30936					50087	71812			
	Min	17224					18562	27956			
	End	35269					27458	42871			
GC3003.5-SR4	Start	30936				56849					
	Min	17224				21486					
	End	35269				32255					
GC3004.0-SR4	Start	30936			47535						
	Min	17224			17459						
	End	35269			25648						
GC3004.5-SR4	Start	30936		45071	72366						
	Min	17224		16393	28196						
	End	35269		23900	43264						
GC3002.2-SR3	Start	35235							39868	60318	
	Min	19617							13714	22556	
	End	40170							19087	33594	
GC3002.5-SR3	Start	35235							40240	67630	
	Min	19617							13875	25718	
	End	40170							19351	38782	
GC3003.0-SR3	Start	35235					44971	66697			
	Min	19617					15920	25314			
	End	40170					22707	38120			
GC3003.5-SR3	Start	35235				51733					
	Min	19617				18844					
	End	40170				27504					
GC3004.0-SR3	Start	35235			42420						
	Min	19617			14817						
	End	40170			20897						
GC3004.5-SR3	Start	35235		39955	67251						
	Min	19617		13752	25554						
	End	40170		19149	38513						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.17 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

+ 1250 psig

* 1750 psig

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC3002.2-SR2	Start	40233									54365
	Min	22401									19483
	End	45872									28070
GC3002.5-SR2	Start	40233									61678
	Min	22401									22645
	End	45872									33258
GC3003.0-SR2	Start	40233					39018	60744			
	Min	22401					12848	22242			
	End	45872					17183	32595			
GC3003.5-SR2	Start	40233				45780					
	Min	22401				15772					
	End	45872				21980					
GC3004.0-SR2	Start	40233			57555 +						
	Min	22401			20863 +						
	End	45872			30333 +						
GC3004.5-SR2	Start	40233			61298						
	Min	22401			22481						
	End	45872			32989						
GC3002.2-SR1	Start	46042									47451
	Min	25635									15913
	End	52495									21649
GC3002.5-SR1	Start	46042									54764
	Min	25635									19075
	End	52495									26837
GC3003.0-SR1	Start	46042						53830			
	Min	25635						186713			
	End	52495						26174			
GC3003.5-SR1	Start	46042				54478 *					
	Min	25635				18951 *					
	End	52495				26633 *					
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.18 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

+ 1250 psig

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC3004.0-SR1	Start	46042			50641 +							
	Min	25635			17202 +							
	End	52495			23912 +							
GC3004.5-SR1	Start	46042			54385							
	Min	25635			18911							
	End	52495			26567							
GC4002.5-SR4	Start	57328										77898
	Min	31147										26802
	End	61322										37311
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Sheet No.: GCHI 1.19 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC4003.0-SR4	Start	57328							79641	127526	175410
	Min	31147							27556	48261	68965
	End	61322							38548	72518	106489
GC4003.5-SR4	Start	57328					77880	113353	148826		
	Min	31147					26794	42133	57471		
	End	61322					37299	62464	87629		
GC4004.0-SR4	Start	57328				82311	131085	179859			
	Min	31147				28710	49800	70889			
	End	61322				40442	75043	109645			
GC4004.5-SR4	Start	57328			63689	127539					
	Min	31147			20658	48267					
	End	61322			27231	72528					
GC4005.0-SR4	Start	57328			97391	178093					
	Min	31147			35231	70125					
	End	61322			51140	108392					
GC4006.0-SR4	Start	57328		115568	175428						
	Min	31147		43090	68973						
	End	61322		64036	106502						
GC4003.0-SR3	Start	69206								115656	163541
	Min	37345								41324	62029
	End	72693								59390	93360
GC4003.5-SR3	Start	69206						101483	136956		
	Min	37345						35196	50534		
	End	72693						49335	74501		
GC4004.0-SR3	Start	69206					119215	167990			
	Min	37345					42863	63952			
	End	72693					61915	96516			
GC4004.5-SR3	Start	69206				115670					
	Min	37345				41330					
	End	72693				59400					
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.20 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC4005.0-SR3	Start	69206			85522	166224						
	Min	37345			28294	63189						
	End	72693			38012	95263						
GC4006.0-SR3	Start	69206		103699	163559							
	Min	37345		36154	62037							
	End	72693		50907	93373							
GC4003.0-SR2	Start	81970								101896	149781	
	Min	44190								33709	54414	
	End	85875								45283	79253	
GC4003.5-SR2	Start	81970							123196			
	Min	44190							42919			
	End	85875							60394			
GC4004.0-SR2	Start	81970					105455	154229				
	Min	44190					35248	56337				
	End	85875					47808	82409				
GC4004.5-SR2	Start	81970				101910						
	Min	44190				33715						
	End	85875				45293						
GC4005.0-SR2	Start	81970				152463						
	Min	44190				55574						
	End	85875				81157						
GC4006.0-SR2	Start	81970		89939	149799							
	Min	44190		28539	54422							
	End	85875		36800	79266							
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCHI 1.21 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

* 1750 psig

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC4003.0-SR1	Start	93685									133332
	Min	51171									46811
	End	101632									66305
GC4003.5-SR1	Start	93685							106748		
	Min	51171							35316		
	End	101632							47445		
GC4004.0-SR1	Start	93685						137781			
	Min	51171						48735			
	End	101632						69461			
GC4004.5-SR1	Start	93685				117386 *					
	Min	51171				39917 *					
	End	101632				54993 *					
GC4005.0-SR1	Start	93685				136015					
	Min	51171				479716					
	End	101632				68208					
GC4006.0-SR1	Start	93685			133350						
	Min	51171			46819						
	End	101632			66318						
GC5003.5-SR4	Start	127950								177789	253539
	Min	66284								56718	89472
	End	119952								73538	127277
GC5004.0-SR4	Start	127950						150230	205318	315495	425672
	Min	66284						44802	68622	116261	163901
	End	119952						53987	93068	171230	249392
GC5004.5-SR4	Start	127950					173183	247782	322381		
	Min	66284					54727	86983	119238		
	End	119952					70270	123193	176115		
GC5005.0-SR4	Start	127950				163989	260389	356790			
	Min	66284				50752	92434	134117			
	End	119952				63748	132137	200525			
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.22 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC5006.0-SR4	Start	127950			168589	315489					
	Min	66284			52740	116259					
	End	119952			67011	171226					
GC5007.0-SR4	Start	127950		184654	287942						
	Min	66284		59687	104348						
	End	119952		78408	151683						
GC5008.0-SR4	Start	127950	150224	287942	425661						
	Min	66284	44800	104348	163895						
	End	119952	53983	151683	249384						
GC5003.5-SR3	Start	153055									231255
	Min	78872									75261
	End	141300									99529
GC5004.0-SR3	Start	153055						183034	293211	403388	
	Min	78872						54411	102050	149689	
	End	141300						65320	143482	221645	
GC5004.5-SR3	Start	153055					225497	300096			
	Min	78872					72772	105027			
	End	141300					95445	148367			
GC5005.0-SR3	Start	153055				238105	334505				
	Min	78872				78223	119905				
	End	141300				104389	172778				
GC5006.0-SR3	Start	153055			293205						
	Min	78872			102048						
	End	141300			143478						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.23 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC5007.0-SR3	Start	153055			265658							
	Min	78872			90137							
	End	141300			123936							
GC5008.0-SR3	Start	153055		265658	403376							
	Min	78872		90137	149684							
	End	141300		123936	221636							
GC5004.0-SR2	Start	189808								266371	376548	
	Min	96241								82174	129813	
	End	167012								102861	181023	
GC5004.5-SR2	Start	189808							273256			
	Min	96241							85151			
	End	167012							107746			
GC5005.0-SR2	Start	189808						307665				
	Min	96241						100029				
	End	167012						132156				
GC5006.0-SR2	Start	189808			266365							
	Min	96241			82171							
	End	167012			102857							
GC5007.0-SR2	Start	189808			238818							
	Min	96241			702601							
	End	167012			83314							
GC5008.0-SR2	Start	189808		238818	376536							
	Min	96241		70260	129808							
	End	167012		83314	181015							
GC5004.0-SR1	Start	211633								234436	344613	
	Min	109483								67803	115443	
	End	197605								78739	156901	
GC5004.5-SR1	Start	211633							241321			
	Min	109483							70781			
	End	197605							83623			
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Data sheet

Sheet No.: GCHI 1.24 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

+ 1250 psig

* 1750 psig

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC5005.0-SR1	Start	211633						275730			
	Min	109483						85659			
	End	197605						108034			
GC5006.0-SR1	Start	211633				307880 *					
	Min	109483				99560 *					
	End	197605				130842 *					
GC5007.0-SR1	Start	211633			310171 +						
	Min	109483			100551 +						
	End	197605			132467						
GC5008.0-SR1	Start	211633			344601						
	Min	109483			115438						
	End	197605			156893						
GC7004.0-SR4	Start	255736									372874
	Min	131211									119052
	End	233092									154483
GC7004.5-SR4	Start	255736								441192	612319
	Min	131211								148592	222585
	End	233092								202950	324351
GC7005.0-SR4	Start	255736						318320	430648	655302	
	Min	131211						95463	144032	241170	
	End	233092						115781	195469	354844	
GC7006.0-SR4	Start	255736					453875	628172	802470		
	Min	131211					154076	229440	304804		
	End	233092					211947	335598	459248		
GC7007.0-SR4	Start	255736				499296	746834				
	Min	131211				173715	280748				
	End	233092				244170	419779				
GC7008.0-SR4	Start	255736			420777	752823					
	Min	131211			139765	283338					
	End	233092			188466	424028					
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.25 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC7009.0-SR4	Start	255736		398421	612334						
	Min	131211		130098	222591						
	End	233092		172607	324361						
GC7010.0-SR4	Start	255736		558993	826429						
	Min	131211		199527	315164						
	End	233092		286520	476245						
GC7004.0-SR3	Start	304124									330067
	Min	155446									91684
	End	274099									101002
GC7004.5-SR3	Start	304124								398386	569513
	Min	155446								121225	195218
	End	274099								149469	270870
GC7005.0-SR3	Start	304124							387841	612496	
	Min	155446							116665	213803	
	End	274099							141988	301363	
GC7006.0-SR3	Start	304124					411069	585366	759664		
	Min	155446					126708	202073	277437		
	End	274099					158466	282117	405767		
GC7007.0-SR3	Start	304124				456490	704027				
	Min	155446				146348	253380				
	End	274099				190689	366298				
GC7008.0-SR3	Start	304124			377971	710017					
	Min	155446			112397	255970					
	End	274099			134985	370547					
GC7009.0-SR3	Start	304124		355615	569527						
	Min	155446		102731	195224						
	End	274099		119126	270880						
GC7010.0-SR3	Start	304124		516187	783623						
	Min	155446		172160	287797						
	End	274099		233039	422764						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.26 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC7004.5-SR2	Start	368442									512544
	Min	187672									158830
	End	328675									199782
GC7005.0-SR2	Start	368442									555526
	Min	187672									177415
	End	328675									230275
GC7006.0-SR2	Start	368442						528397	702694		
	Min	187672						165684	241049		
	End	328675						211029	334679		
GC7007.0-SR2	Start	368442					647058				
	Min	187672					216992				
	End	328675					295210				
GC7008.0-SR2	Start	368442				653048					
	Min	187672				219582					
	End	328675				299459					
GC7009.0-SR2	Start	368442			512558						
	Min	187672			1588369						
	End	328675			199792						
GC7010.0-SR2	Start	368442		459217	726653						
	Min	187672		135772	251408						
	End	328675		161951	351676						
GC7004.5-SR1	Start	416829									469737
	Min	211907									131462
	End	369683									146301
GC7005.0-SR1	Start	416829								512720	
	Min	211907								150047	
	End	369683								176794	
GC7006.0-SR1	Start	416829					485590	659888			
	Min	211907					138317	213681			
	End	369683					157548	281198			
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Sheet No.: GCHI 1.27 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC7007.0-SR1	Start	416829					604252				
	Min	211907					189625				
	End	369683					241729				
GC7008.0-SR1	Start	416829				610241					
	Min	211907				192215					
	End	369683				245978					
GC7009.0-SR1	Start	416829			469752						
	Min	211907			131468						
	End	369683			146311						
GC7010.0-SR1	Start	416829		416411	683847						
	Min	211907		104461	224041						
	End	369683		108470	298195						
GC8005.0-SR3	Start	422302								463882	
	Min	228714								148817	
	End	447921								194036	
GC8006.0-SR3	Start	422302					481863	671749	1051521		
	Min	228714					156592	238697	402906		
	End	447921					206793	341502	610921		
GC8007.0-SR3	Start	422302				639187	915876	1192564			
	Min	228714				224618	344255	463892			
	End	447921				318402	514691	710981			
GC8008.0-SR3	Start	422302			662975	1039822					
	Min	228714			234903	397848					
	End	447921			335278	602622					
GC8009.0-SR3	Start	422302			513158	1003520					
	Min	228714			170124	382151					
	End	447921			228994	576868					
GC8010.0-SR3	Start	422302		458271	766883						
	Min	228714		146391	2798322						
	End	447921		190056	408993						
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC8012.0-SR3	Start	422302	443461	898974							
	Min	228714	139988	336947							
	End	447921	179549	502701							
GC8005.0-SR2	Start	497301								381863	
	Min	269146								101525	
	End	526494								111143	
GC8006.0-SR2	Start	497301							589730	969502	
	Min	269146							193764	357973	
	End	526494							258609	528028	
GC8007.0-SR2	Start	497301					557169	833857	1110546		
	Min	269146					179684	299321	418958		
	End	526494					235509	431798	628088		
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

+ 1250 psig

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Hydraulic Torque Output, lb-in									
GC8008.0-SR2	Start	497301				580956	957804					
	Min	269146				189970	352914					
	End	526494				252385	519729					
GC8009.0-SR2	Start	497301				921501						
	Min	269146				337218						
	End	526494				493975						
GC8010.0-SR2	Start	497301			684864							
	Min	269146			234899							
	End	526494			326099							
GC8012.0-SR2	Start	497301		816956								
	Min	269146		292013								
	End	526494		419808								
GC8006.0-SR1	Start	616608								873111		
	Min	327225								291964		
	End	618835								396163		
GC8007.0-SR1	Start	616608						737466	1014154			
	Min	327225						233312	352949			
	End	618835						299933	496222			
GC8008.0-SR1	Start	616608					861412					
	Min	327225					286905					
	End	618835					387864					
GC8009.0-SR1	Start	616608				825110						
	Min	327225				271209						
	End	618835				362110						
GC8010.0-SR1	Start	616608			897085 +							
	Min	327225			302330 +							
	End	618835			413171 +							
GC8012.0-SR1	Start	616608		720564								
	Min	327225		226004								
	End	618835		287943								
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in									
			500	750	1000	1500	2000	2500	3000	4000	5000	
			Operating Pressure (PSIG)									



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Sheet No.: GCHI 1.30 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC10006.0-SR4	Start	838424								1019332	1465204
	Min	424030								293358	486148
	End	732047								338568	654880
GC10007.0-SR4	Start	838424						920167	1257031	1930759	2604488
	Min	424030						250480	396136	687449	978762
	End	732047						268218	507197	985156	1463114
GC10008.0-SR4	Start	838424					1109136	1577458	2045781		
	Min	424030					332188	534686	737183		
	End	732047					402277	734516	1066755		
GC10009.0-SR4	Start	838424				1087745	1705045	2322345			
	Min	424030				322939	589853	856766			
	End	732047				387102	825029	1262956			
GC10010.0-SR4	Start	838424				1586631	2370226				
	Min	424030				538652	877470				
	End	732047				741023	1296924				
GC10012.0-SR4	Start	838424		989996	1574714	2744148					
	Min	424030		280674	533499	1039149					
	End	732047		317757	732569	1562192					
GC10014.0-SR4	Start	838424	860993	1673567	2486141						
	Min	424030	224894	576242	927590						
	End	732047	226238	802697	1379156						
GC10007.0-SR3	Start	1043712								1789424	2463153
	Min	519475								577805	869118
	End	867444								758259	1236217
GC10008.0-SR3	Start	1043712					1436124	19044			
	Min	519475					425042	627539			
	End	867444					507619	839858			
GC10009.0-SR3	Start	1043712				1563710	2181010				
	Min	519475				480209	747122				
	End	867444				598132	1036059				
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.31 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC10010.0-SR3	Start	1043712				1445965	2229784				
	Min	519475				429297	768212				
	End	867444				514601	1070660				
GC10012.0-SR3	Start	1043712			1433379	2602813					
	Min	519475			423855	929505					
	End	867444			505672	1335295					
GC10014.0-SR3	Start	1043712		1532232	2344806						
	Min	519475		466598	817946						
	End	867444		575800	1152259						
GC10007.0-SR2	Start	1144789							1613207	2286935	
	Min	585990							506706	798019	
	End	1036257							646542	1124501	
GC10008.0-SR2	Start	1144789					1259906	1728228			
	Min	585990					353943	556441			
	End	1036257					395902	728141			
GC10009.0-SR2	Start	1144789				1387492	2004792				
	Min	585990				409110	676024				
	End	1036257				486415	924342				
GC10010.0-SR2	Start	1144789			1269748	2053566					
	Min	585990			358199	697113					
	End	1036257			402884	958943					
GC10012.0-SR2	Start	1144789		1257161	2426595						
	Min	585990		352756	858406						
	End	1036257		393955	1223579						
GC10014.0-SR2	Start	1144789	1356014	2168588							
	Min	585990	395499	746847							
	End	1036257	464084	1040542							
GC10008.0-SR1	Start	1418189						1525499			
	Min	679268						399648			
	End	1230469						425962			
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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Data sheet

Sheet No.: GCHI 1.32 RevB

Date: August 2010

GC-Series

Torque Ratings – (Hydraulic)

All Published Torques are Guaranteed Minimum Values.

Spring-Return Actuators

GC-Series (cont.)

Actuator Model	Spring Torque lb-in		Operating Pressure (PSIG)								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Hydraulic Torque Output, lb-in								
GC10009.0-SR1	Start	1418189						1802063			
	Min	679268						516757			
	End	1230469						622162			
GC10010.0-SR1	Start	1418189					1850837				
	Min	679268					537410				
	End	1230469					656764				
GC10012.0-SR1	Start	1418189				2223865					
	Min	679268				695367					
	End	1230469				921399					
Actuator Model	Spring Torque lb-in		Hydraulic Torque Output, lb-in								
			500	750	1000	1500	2000	2500	3000	4000	5000
			Operating Pressure (PSIG)								



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