

# Torque - Direct Gas Double-Acting Actuator

Actuator Model	Imperial Unit	Stroke Direction	Operating Pressure, psig																		MinOP psig	MOP psig		
			400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250			1300	1310
			Air Torque Output, lbf-in																					
GTD01x03.5	Outboard	Start	14,589	16,625	18,659	20,692	22,722	24,751	26,778	28,804	30,827	32,849	34,870	36,889	38,906	40,922	42,936	44,949	46,961	48,971	50,980	51,783	400	1,289
		Min	7,925	8,990	10,054	11,117	12,180	13,242	14,303	15,364	16,424	17,484	18,543	19,602	20,660	21,717	22,774	23,831	24,887	25,943	26,998	27,419		
		End	14,555	16,586	18,615	20,643	22,669	24,693	26,715	28,735	30,754	32,772	34,787	36,802	38,814	40,825	42,835	44,843	46,850	48,855	50,859	51,660		
GTD01x03.5	Inboard	Start	13,259	15,129	16,997	18,863	20,728	22,590	24,451	26,310	28,168	30,024	31,878	33,731	35,582	37,432	39,280	41,127	42,972	44,816	46,658	47,395	400	1,289
		Min	7,228	8,206	9,183	10,159	11,134	12,109	13,084	14,057	15,031	16,003	16,975	17,947	18,918	19,888	20,858	21,828	22,797	23,765	24,733	25,120		
		End	13,222	15,087	16,949	18,810	20,669	22,527	24,382	26,236	28,089	29,939	31,788	33,636	35,482	37,326	39,169	41,011	42,851	44,690	46,527	47,262		
GTD01x04.0	Outboard	Start	19,398	22,059	24,718	27,374	30,029	32,682	35,332	37,981	40,628	43,273	45,917	48,558	51,198								400	987
		Min	10,471	11,862	13,252	14,641	16,030	17,418	18,806	20,192	21,579	22,964	24,349	25,733	27,117									
		End	19,353	22,007	24,659	27,310	29,958	32,604	35,249	37,891	40,532	43,171	45,808	48,443	51,077									
GTD01x04.0	Inboard	Start	18,070	20,565	23,057	25,548	28,037	30,523	33,008	35,491	37,972	40,451	42,928	45,404	47,878								400	987
		Min	9,774	11,078	12,381	13,683	14,985	16,286	17,586	18,886	20,185	21,484	22,781	24,078	25,375									
		End	18,019	20,507	22,993	25,476	27,958	30,438	32,915	35,391	37,865	40,337	42,808	45,276	47,743									
GTD2x04.0	Outboard	Start	23,363	26,584	29,801	33,016	36,229	39,439	42,647	45,852	49,055	52,256	55,454	58,651	61,845	65,037	68,226	71,414	74,600	77,784			400	1,230
		Min	12,633	14,316	15,998	17,680	19,361	21,041	22,720	24,398	26,075	27,752	29,428	31,103	32,777	34,451	36,124	37,796	39,467	41,138				
		End	23,314	26,527	29,738	32,946	36,152	39,355	42,556	45,755	48,951	52,145	55,336	58,526	61,713	64,898	68,081	71,262	74,441	77,618				
GTD2x04.0	Inboard	Start	20,845	23,750	26,653	29,554	32,452	35,347	38,240	41,131	44,019	46,905	49,788	52,670	55,549	58,426	61,302	64,175	67,046	69,915			400	1,230
		Min	11,314	12,833	14,351	15,868	17,384	18,899	20,413	21,926	23,439	24,951	26,462	27,972	29,482	30,991	32,499	34,006	35,513	37,019				
		End	20,793	23,691	26,586	29,479	32,370	35,258	38,144	41,027	43,908	46,787	49,663	52,538	55,410	58,280	61,148	64,013	66,877	69,739				
GTD2x05.0	Outboard	Start	37,398	42,430	47,458	52,483	57,503	62,520	67,532	72,542	77,547												400	787
		Min	20,049	22,680	25,309	27,937	30,563	33,188	35,812	38,435	41,056													
		End	37,319	42,340	47,357	52,371	57,381	62,386	67,389	72,387	77,382													
GTD2x05.0	Inboard	Start	34,888	39,606	44,321	49,031	53,738	58,441	63,140	67,836	72,528												400	787
		Min	18,733	21,199	23,664	26,127	28,589	31,050	33,509	35,967	38,424													
		End	34,800	39,507	44,209	48,908	53,603	58,294	62,982	67,665	72,346													
GTD3x05.0	Outboard	Start	45,324	51,442	57,555	63,662	69,764	75,860	81,952	88,039	94,121	100,199	106,272	112,340	118,404	124,463	130,518	136,569					400	1,132
		Min	24,327	27,525	30,722	33,916	37,109	40,300	43,489	46,677	49,863	53,047	56,230	59,411	62,590	65,768	68,945	72,120						
		End	45,245	51,352	57,453	63,550	69,641	75,727	81,808	87,885	93,956	100,023	106,085	112,142	118,196	124,244	130,289	136,329						
GTD3x05.0	Inboard	Start	40,915	46,482	52,044	57,600	63,151	68,696	74,237	79,773	85,305	90,831	96,353	101,870	107,383	112,891	118,395	123,895					400	1,132
		Min	22,018	24,928	27,836	30,742	33,646	36,549	39,449	42,348	45,246	48,141	51,035	53,928	56,819	59,708	62,596	65,482						
		End	40,827	46,382	51,931	57,475	63,014	68,548	74,077	79,601	85,120	90,634	96,144	101,649	107,150	112,646	118,139	123,626						
GTD3x06.0	Outboard	Start	66,354	75,170	83,980	92,784	101,581	110,373	119,159	127,939	136,714												400	786
		Min	35,409	40,017	44,622	49,226	53,827	58,426	63,024	67,619	72,212													
		End	66,238	75,038	83,832	92,621	101,403	110,179	118,949	127,714	136,473													
GTD3x06.0	Inboard	Start	61,952	70,218	78,477	86,731	94,978	103,220	111,456	119,686	127,910												400	786
		Min	33,100	37,420	41,737	46,051	50,364	54,675	58,984	63,290	67,595													
		End	61,818	70,065	78,307	86,543	94,773	102,996	111,214	119,426	127,633													
GTD4x06.0	Outboard	Start	80,300	91,014	101,720	112,417	123,106	133,787	144,459	155,124	165,781	176,430	187,072	197,706	208,333	218,953	229,566	240,172	250,772	261,365	271,951	276,184	400	1,295
		Min	42,918	48,519	54,116	59,710	65,302	70,891	76,476	82,059	87,640	93,218	98,793	104,365	109,935	115,503	121,068	126,630	132,191	137,749	143,305	145,527		
		End	80,126	90,817	101,500	112,174	122,839	133,497	144,147	154,788	165,422	176,048	186,667	197,278	207,882	218,479	229,070	239,653	250,229	260,799	271,363	275,586		
GTD4x06.0	Inboard	Start	70,761	80,283	89,797	99,302	108,799	118,287	127,768	137,240	146,705	156,162	165,612	175,054	184,489	193,917	203,337	212,751	222,159	231,559	240,954	244,710	400	1,295
		Min	37,929	42,906	47,879	52,850	57,818	62,783	67,745	72,704	77,661	82,615	87,567	92,515	97,462	102,406	107,347	112,286	117,223	122,157	127,089	129,062		
		End	70,585	80,084	89,574	99,055	108,528	117,993	127,450	136,899	146,340	155,774	165,200	174,619	184,030	193,435	202,832	212,223	221,606	230,984	240,355	244,101		

