

TG-90™ Speed Reducers

	Service Class I Torque Ratings (1.0 Service Factor)
	Service Class II Torque Ratings (≥ 1.4 Service Factor)
	Service Class III Torque Ratings (≥ 2.0 Service Factor)



Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-Lbs) Based on 1750 RPM Motor									Max Input HP	Max Output Torque Rating In-Lbs	NEMA Motor Mount	Catalog Number	Multi. Symbol		
		0.25	0.33	0.5	0.75	1	1.5	2	3	5							
350	5:1			83	124	166						1.32	218	56C	TQ135L56SP	TG	
				83	124	166							1.32	218	56C		TQ135R56SP
				83	124	166							1.32	218	56C		TQ135D56SP
				83	124	166							1.32	218	56C		TQ135H56SP
					124	166	250						1.89	313	140TC		TQ155L140SP
					124	166	250						1.89	313	140TC		TQ155R140SP
					124	166	250						1.89	313	140TC		TQ155D140SP
					124	166	250						1.89	313	140TC		TQ155H140SP
						167	251	335					2.50	418	140TC		TQ185L140SP
						167	251	335					2.50	418	140TC		TQ185R140SP
						167	251	335					2.50	418	140TC		TQ185D140SP
						167	251	335					2.50	418	140TC		TQ185H140SP
							251	335	502				3.65	611	140TC		TQ215L140SP
							251	335	502				3.65	611	140TC		TQ215R140SP
							251	335	502				3.65	611	140TC		TQ215D140SP
							251	335	502				3.65	611	140TC		TQ215H140SP
								335	502	837			4.89	819	140TC		TQ245L140SP
								335	502	837			4.89	819	140TC		TQ245R140SP
								335	502	837			4.89	819	140TC		TQ245D140SP
								335	502	837			4.89	819	140TC		TQ245H140SP
						335	502	837			5.36	1037	140TC	TQ265L140SP			
						335	502	837			5.36	1037	140TC	TQ265R140SP			
						335	502	837			5.36	1037	140TC	TQ265D140SP			
						335	502	837			5.36	1037	140TC	TQ265H140SP			
175	10:1	105	158	238								0.85	269	56C	TQ1310L56SP	TG	
		105	158	238								0.85	269	56C	TQ1310R56SP		
		105	158	238								0.85	269	56C	TQ1310D56SP		
		105	158	238								0.85	269	56C	TQ1310H56SP		
				160	240	321							1.19	382	140TC		TQ1510L140SP
				160	240	321							1.19	382	140TC		TQ1510R140SP
				160	240	321							1.19	382	140TC		TQ1510D140SP
				160	240	321							1.19	382	140TC		TQ1510H140SP
					243	324	486						1.59	514	140TC		TQ1810L140SP
					243	324	486						1.59	514	140TC		TQ1810R140SP
					243	324	486						1.59	514	140TC		TQ1810D140SP
					243	324	486						1.59	514	140TC		TQ1810H140SP
						324	486	648					2.33	755	140TC		TQ2110L140SP
						324	486	648					2.33	755	140TC		TQ2110R140SP
						324	486	648					2.33	755	140TC		TQ2110D140SP
						324	486	648					2.33	755	140TC		TQ2110H140SP
							492	655	983				3.18	1041	140TC		TQ2410L140SP
							492	655	983				3.18	1041	140TC		TQ2410R140SP
							492	655	983				3.18	1041	140TC		TQ2410D140SP
							492	655	983				3.18	1041	140TC		TQ2410H140SP
					492	655	983				4.00	1311	140TC	TQ2610L140SP			
					492	655	983				4.00	1311	140TC	TQ2610R140SP			
					492	655	983				4.00	1311	140TC	TQ2610D140SP			
					492	655	983				4.00	1311	140TC	TQ2610H140SP			