



Ratio	Gear Design		Input RPM			
			100	400	1200	
5:1	4 Thread Worm 20 Tooth Bronze Gear	Mechanical	Input HP	0.91	2.86	5.08
			Output Torque*	2242	1881	1168
			Input kW	0.68	2.13	3.79
			Output Torque**	253	213	132
	Thermal	Input HP	NA	1.51	2.02	
		Output Torque*	NA	938	437	
		Input kW	NA	1.13	1.51	
		Output Torque**	NA	106	49	
10:1	2 Thread Worm 20 Tooth Bronze Gear	Mechanical	Input HP	0.58	1.96	3.02
			Output Torque*	2559	2161	1361
			Input kW	0.43	1.46	2.25
			Output Torque**	289	244	154
	Thermal	Input HP	NA	0.98	1.36	
		Output Torque*	NA	1132	572	
		Input kW	NA	0.73	1.01	
		Output Torque**	NA	128	65	
20:1	1 Thread Worm 20 Tooth Bronze Gear	Mechanical	Input HP	0.40	1.15	1.90
			Output Torque*	2789	2360	1492
			Input kW	0.30	0.86	1.42
			Output Torque**	315	267	169
	Thermal	Input HP	NA	0.54	0.72	
		Output Torque*	NA	1025	526	
		Input kW	NA	0.40	0.54	
		Output Torque**	NA	116	59	

*Torque measured in inch-lbs

**Torque measured in N-m

All ratings specified with the #1 shaft as the input.

LIMITATIONS ON HORSEPOWER AND TORQUE RATINGS: The horsepower and torque ratings given here are generalizations. Different conditions for various applications may result in higher or lower horsepower capacities. Under certain conditions the maximum indicated RPM may be exceeded. For these reasons the ratings cannot be guaranteed for any application. Prototype testing should be conducted for each application before production.