



Ratio	Gear Design		Input RPM			
			100	400	1200	
50:1	1 Thread Worm	Mechanical	Input HP	1.28	3.57	5.64
			Output Torque*	22771	18722	11293
			Input kW	0.95	2.66	4.21
			Output Torque**	2573	2115	1276
	50 Tooth Bronze Gear	Thermal	Input HP	NA	1.87	2.51
			Output Torque*	NA	9057	4696
			Input kW	NA	1.39	1.87
			Output Torque**	NA	1023	531

\*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.