Drive Shafts

Phoenix Dynamometer Technologies LLC can supply you with driveshafts to fit your exact testing needs. Our drive shafts are precision engineered and manufactured to the highest standards. When used in accordance with the specifications for each drive shaft, you can count on outstanding performance and trouble free operation for longer than units supplied by our competitors. If you do not see what you are looking for please contact us so that we can discuss your application. **Custom** drive shaft applications are no problem.

Standard Available Models

Model	Max Continuous Torque*	Max Short Duration Torque**	Min Elastic Limit***	Max Speed	Balance	Approx. Weight
1310	1898 Nm [1400 lb-ft]		5966 Nm [4400 lb-ft]	5500 RPM	Dynamically	16 kg [36 lbs]
1550	1898 Nm [1400 lb-ft]		5966 Nm [4400 lb-ft]	5000 RPM	Dynamically	16 kg [36 lbs]
1710	3970 Nm [2930 lb-ft]		6500 Nm [4800 lb-ft]	4500 RPM	Dynamically	45 kg [100 lbs]
1810	6796 Nm [5000 lb-ft]		16000 Nm [12000 lb-ft]	4500 RPM	Dynamically	45 kg [100 lbs]
1880	8800 Nm [6500 lb-ft]	12000 Nm [8900 lb-ft]	21690 Nm [16000 lb-ft]	4000 RPM	Dynamically	67 kg [150 lbs]
1910	13287 Nm [9800 lb-ft]	26980 Nm [19900 lb-ft]	42030 Nm [31000 lb-ft]	3000 RPM	Dynamically	67 kg [150 lbs]
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* Maximum continious torque values shown are assuming no angular misalignment along with a slope of 2°±1° (otherwise noted as parallel offset between 13mm [1/2"] - 40mm [1-1/2"]

** Maximum short duration torque values shown are assuming no angular misalignment along with a slope of 2°±1° (otherwise noted as parallel offset between 13mm [1/2"] - 40mm [1-1/2"]

*** Minimum elastic limit is defined as the maximum limit before component failure.