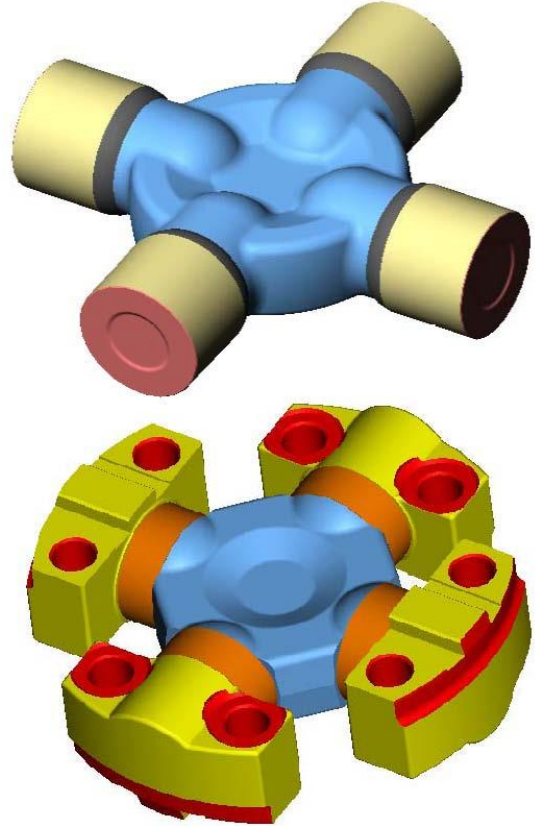


Torque and Speed Ratings for Universal Joint Driveshafts

	Shaft Series	Torsional Ratings (lb x ft)			Maximum Operating Speed ⁴ (rpm)
		Continuous Torque ¹	Short Duration Torque ²	Minimum Elastic Limit ³	
Round Bearing	1310	400	800	1,600	6,000
	1350	680	1,240	2,260	5,000
	1410	820	1,500	2,700	5,000
	1480	1,100	2,000	3,330	5,000
	1550	1,400	2,400	4,400	5,000
	1610	2,200	3,650	6,500	4,500
	1710	2,930	4,800	8,000	4,500
	1810	3,800	6,500	12,000	4,500
	1880	5,000	8,900	16,000	3,000
Wing Bearing	2C	125	600	740	6,000
	3C	215	850	1,168	6,000
	4C	275	1,050	1,473	5,000
	5C	475	1,500	1,873	5,000
	6C	575	1,950	2,438	5,000
	7C	900	3,100	4,159	4,500
	8C	1,325	4,750	7,225	4,500
	8.5C	1,525	6,950	8,189	4,500
	9C	2,075	9,000	13,428	4,500
	10C	3,200	15,000	16,860	3,000
	10.5C	3,200	15,000	24,900	3,000
	11C	4,400	19,500	26,038	2,500
	15C	6,700	20,000	29,510	2,500



1) Continuous Torque:

Round Bearing: Based on 5,000 hrs. B_{10} life expectancy at 100 rpm, 3° operating angle.

Wing Bearing: Based on 3,000 hrs B_{10} life expectancy at 2,000 rpm and at a 3° operating angle

2) Short Duration Torque:

Represents the joints capability to withstand momentary loading accompanying start-stop service.

3) Minimum Elastic Limit:

Represents the maximum torque load the joint will transmit instantaneously without brinelling bearing or yield in any part. This may be assumed to be the maximum safe shock load.

4) Maximum Operating Speed:

This is the maximum recommended operating speed. These numbers may fluctuate based on length and tube diameter.