



CVX-30

(1710 Capacity)

Product Description

The CVX-30 is a 1710 capacity CV joint designed to operate at true constant velocity at angles up to 30 degrees. Drive shafts featuring CORNAY® CV JOINTS are suitable for a large variety of extreme duty applications. Drivelines incorporating the advanced CVX-30 deliver extended durability in high-speed, high-torque, and high-angle applications.

Applications

CORNAY® CVX-30 JOINT is adaptable to a wide variety of industrial on-highway and off-highway driveline applications providing improved handling and low NVH characteristics. The joints are particularly suited to commercial and military vehicle applications requiring high durability with enhanced drive shaft and independent suspension flexibility.

Performance Advantages

The bootless CVX-30 Joint overcomes the inherent limitations of traditional Cardan and CV joint products. The CVX-30 is durable at nearly twice the operating angles of competitive products. The sealed for life and maintenance free (optional) CVX-30 joint operates at true constant velocity at all joint angles. The features of this advanced CV joint enable durability, minimal vibration and long-life while operating at high-speeds and high-torque at angles up to 30 degrees.

Swing Diameter in. (mm)	Operating Torque Ft-Lb (Nm)	Ultimate Torque Ft-Lb (Nm)	Maximum Speed RPM	Operating Angle Range
7.0 (178)	3,200 (4,338)	8,000 (10,846)	4,500	5° -30°

Operating torque values are dependent on operating speed and angle

Features	Benefits
• 1710 capacity	• Extended durability at angles above 12°
• Constant velocity at all angles	• Smooth driveshaft operation
• Up to 30° operating angle	• Powertrain design flexibility
• Internal connecting yoke	• Reduced driveline package size
• Ring design	• Reduced vibration
• Sealed needle roller bearings	• Better heat exchange
• Optional lubrication channel	• Longer bearing life
• Bootless design	• Longer product life
	• Smooth driveshaft operation
	• Longer bearing life
	• Maintenance-free

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