Short Type Sealed Journal Bearing Unit for Rolling Stock

Featuring secure sealing and short axial length of journal bearing units

Features

1. Approximately 15% shorter axial length and 30% reduced journal deflection, contributes to improved journal bearing durability
2. Rated load capacity, high-speed rotational performance and grease sealing performance equivalent to conventional products

Applications

- Journal bearing for rolling stock

Structure

Placing the newly developed oil seal within the journal bearing width allows secure sealing and short axial length of journal bearing units.
Compact Plunging Type Constant Velocity Joint for Propeller Shafts (HEDJ-P)

Plunging type constant velocity joint for propeller shafts provides compact and lightweight design

**Features**

- Weight: 17% reduction (compared with conventional products)
- Outer ring outer diameter: 6% reduction (compared with conventional products)
- Strength and durability: equivalent to the conventional products

**Applications**

- Constant velocity joint for Propeller Shafts

**Structure**

Compact and lightweight design achieved by focused development on the most critical functions of constant velocity joint for propeller shafts.
Ultra High Angle DOJ (DOJ-W)
for Multipurpose Off-road Vehicles

Plunging constant velocity joint with a maximum operating angle of 39 degrees

Features

Maximum operating angle: 39 degrees (conventional product is 30.5 degrees)
Strength and durability: equivalent to the conventional products
Outer ring outer diameter: minimum increase in outer diameter dimension of less than 8% over compact design

Applications

Drive shafts for multipurpose off-road vehicles

Generic name for 4-wheel buggy vehicles with round steering wheels which are gaining popularity mainly in the U.S.A. for a wide range of applications from business to leisure. It is also referred to as SSV (Side by Side Vehicle), UTV (Utility Task Vehicle) or ROV (Recreational Off-highway Vehicle).