

高出力軽量コラムEPS

High Power & Light weight Column type Electric Power Steering



開発の狙い Aims of Development

B-p/fからC-p/fの車まで対応する軽量・高出力のEPS

Lightweight, high power EPS system which can be compatible from B-p/f to C-p/f

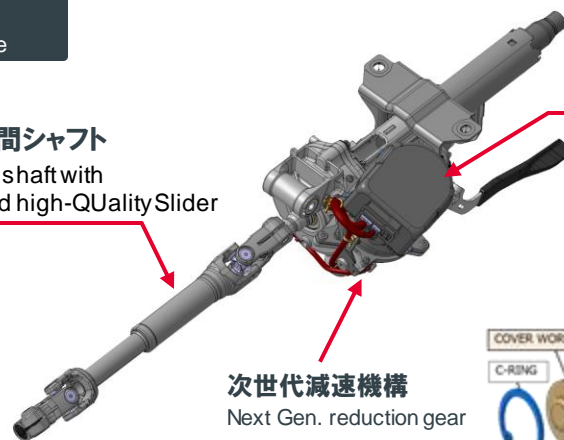
音振動性能と操舵性能の両立

Ensure noise, vibration and steer-feeling characteristics

製品の概要と特長 (構造・原理) Products Overview and Features (Structure and Principle)

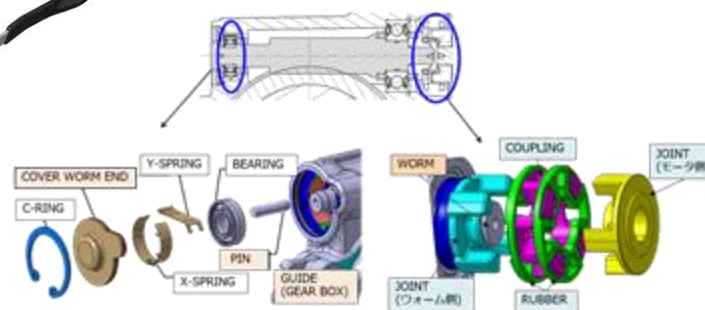
構造 Structure

PQUS® 中間シャフト
Intermediate shaft with
Plastic coated high-QUalitySlider



一体式モーターコントロールユニット
Integrated Motor Control Unit (MCU)

次世代減速機構
Next Gen. reduction gear



特長 Features

モータの効率向上で高出力化と小型軽量化を実現
High power, compact and light weight system by improving motor efficiency

ADAS Lv2相当に対応
Compatible with ADAS Lv2

経時変化の影響が小さい減速機構による操舵性能の安定化
Stabilization of steering performance through reduction gear that have little effect on change over time

ラトル音耐性を向上した次世代減速機構
Next Gen. reduction gear with improved for rattle noise