

E-VGR一体式RD-EPS

Rack-Direct-Drive Type Electric Power Steering with Integrated E-VGR Mechanism * E-VGR = Electronically controlled variable gear ratio

E-VGR
RD-EPS

省エネルギーと自動車の安全性能に大きく貢献する世界最先端商品

Product with world-class technology contributes significantly to energy conservation and driving safety

特長 Features

世界トップクラスの高出力ラック同軸電動パワーステアリング (RD-EPS) に、電子制御式ギヤ比可変機構 (E-VGR) を一体化

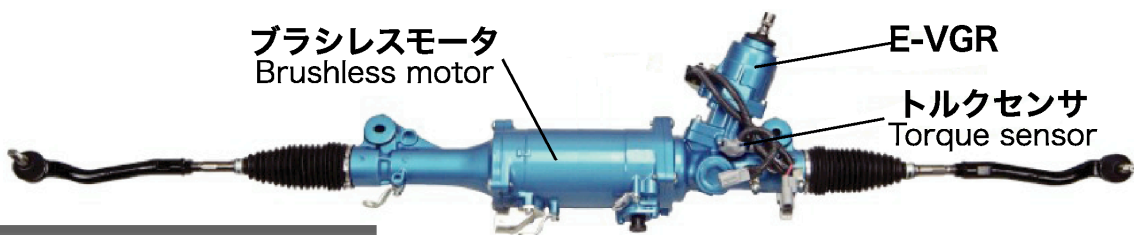
An E-VGR mechanism has been integrated with a rack-direct-drive (coaxial) type electric power steering system with world top-class output

ビルトイン型高効率ブラシレスモータの採用 Highly efficient built-in brushless motor

超高精度ボールねじの採用 Super-high-precision ball screw

E-VGR・・・自動車の速度に応じてステアリングギヤ比を変化させることが出来、低速走行や駐車の際には少ないハンドル操作でタイヤの切れ角を大きくする一方で、高速走行ではハンドル操作によるタイヤの切れ角を抑え安定性を向上させます。

E-VGR changes the steering gear ratio in accordance with vehicle speed so that a relatively small amount of steering wheel turning causes the tires to turn much at slow speeds or in parked condition and the tires to turn very little at high vehicle speeds, which improves driving stability.



効果 Effect

