

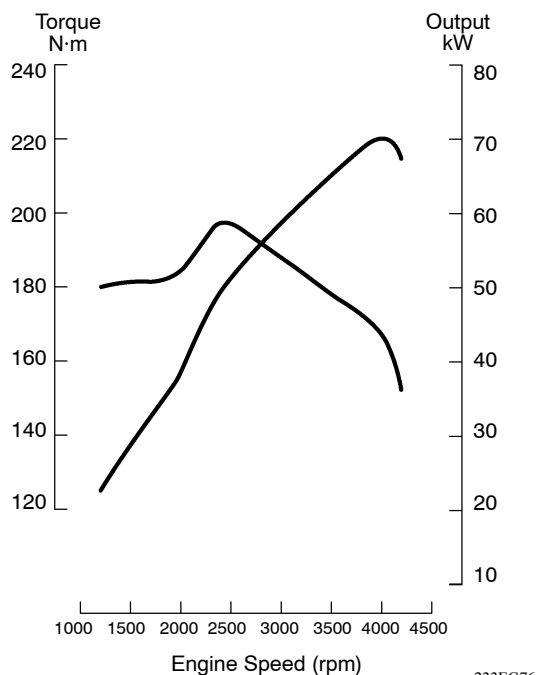
## 5L-E Engine

- The 5L-E is an in-line 4-cylinder, 3.0-liter, 8-valve OHC diesel engine.

**Outline of Engine**

Engine	1KZ-TE
No. of Cyls. & Arrangement	4-Cylinder, In-line
Valve Mechanism	8-Valve OHC, Belt Drive
Combustion Chamber	Swirl Type
Displacement cm <sup>3</sup> (cu. in.)	2986 (182.2)
Bore × Stroke mm (in.)	99.5 × 96.0 (3.92 × 3.78)
Compression Ratio	22.2 : 1
Maximum Output (kW / rpm)	70 / 4000 (SAE-NET)
Maximum Torque (N·m / rpm)	197 / 2400 (SAE-NET)

**Engine Performance Curve**



233EG76

## Transmission

### Manual Transmission

- The new model has a W56, G52, or R150F manual transmission.

#### Gear Ratio

Transmission Type	W56	G52	R150F
Engine Type	3RZ-FE	5L-E	1KD-FTV, 1KZ-TE
1st	3.954	3.928	3.830
2nd	2.141	2.333	2.062
3rd	1.384	1.451	1.436
4th	1.000	1.000	1.000
5th	0.850	0.851	0.838
Reverse	4.091	4.743	4.220

### Automatic Transmission

- The transmission is a four-speed A343F automatic “Super ECT (Electronic Control Transmission).”

#### Gear Ratio

Transmission Type	A343F
Engine Type	3RZ-FE, 1KZ-TE, 1KD-FTV
1st	2.804
2nd	1.531
3rd	1.000
4th	0.753
Reverse	2.393