

QUALITY  
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# New Engine & High Technology

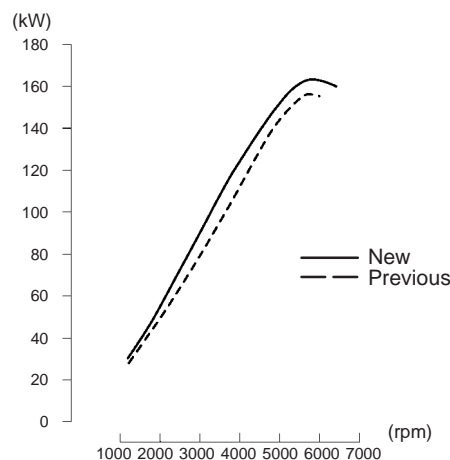
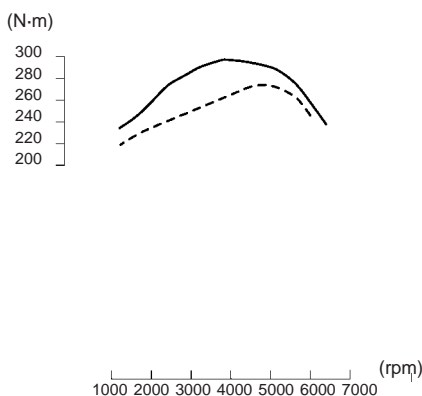
A high performance engine and various applications of leading edge technology result in high level of driving pleasure.

## 2JZ-GE Engine function data based on European specifications.

The reputable 2JZ-GE engine has been further improved. Improved low and midrange torque and better fuel consumption have been realized as a result of the synergistic effect of the advanced systems introduced with the VVT-i system. Ease of handling in city driving, superior fuel economy and the available power during high speed driving have all been refined even further.



Maximum torque has been improved by approximately 8%



275N·m/4,800rpm ► 298N·m/3,800rpm

156kW/5,800rpm ► 163kW/5,800rpm

## Comparison of engine data with the competition

Item	New GS300	Previous GS300	Benz E320	BMW 528i
Total displacement (cc)	2,997	←	2833	2830
Maximum output	163kW/5,800rpm	156kW/5,800rpm	162kW/5,500rpm	142kW/5,300rpm
Maximum torque	298N·m/3,800rpm	275N·m/4,800rpm	310N·m/3,750rpm	280N·m/3,950rpm
0 to 100 km/h acceleration (Sec.)	8.2	8.8	7.7	8.8
VVT	VVT-i	—	—	—

Go to [26 page](#) for technical details.

Competitor's data based on Japanese specs