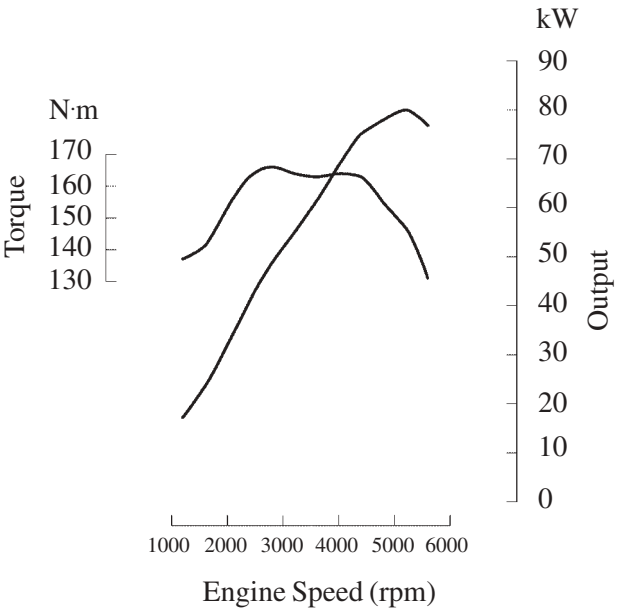
■ENGINE SPECIFICATIONS AND PERFORMANCE CURVES

Item \ Engine			1RZ	1RZ-E
No. of Cyls. & Arrangement			4-Cylinder, In-Line	←
Valve Mechanism			8-Valve, OHC, Chain Drive	←
Combustion Chamber			Wedge Type	←
Manifolds			Cross-Flow	←
Fuel System			Carburetor	EFI
Displacement cm³ (cu in.)			1998 (121.9)	←
Bore x Stroke mm (in.)			86.0 x 86.0 (3.39 x 3.39)	←
Compression Ratio			9.0	←
Max. Output		DIN	–	80 kW@5200 rpm
		SAE-NET	68 kW@5000 rpm 73 kW@5000 rpm*1	–
		SAE-GROSS	78 kW@5400 rpm	–
Max. Torque		DIN	–	166 N·m@2800 rpm
		SAE-NET	162 N·m@2200 rpm 163 N·m@3400 rpm*1	–
		SAE-GROSS	170 N·m@3400 rpm	–
Valve Timing	Intake	Open	13°BTDC	←
		Close	47°ABDC	←
	Exhaust	Open	53°BBDC	←
		Close	7°ATDC	←
Fuel Octane Number RON			90	91
Oil Grade			API SH EC-II, SJ EC or ILSAC	←

*1: Models for China

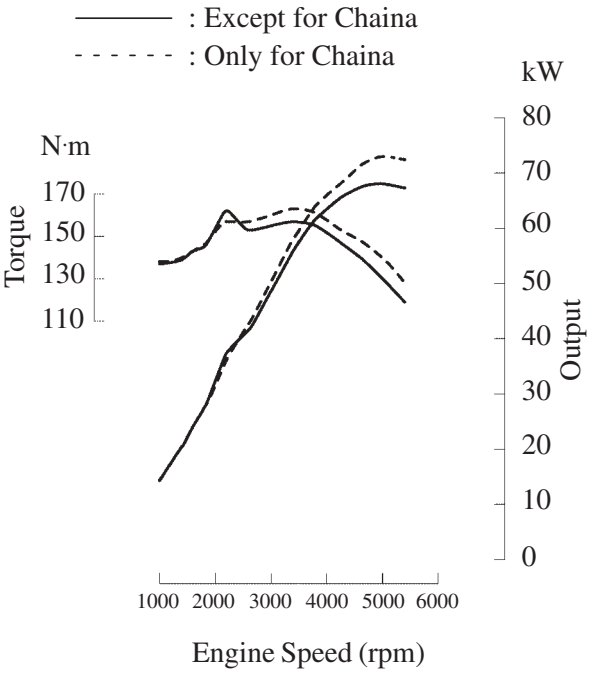
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▶ 1RZ-E Engine (DIN) ◀



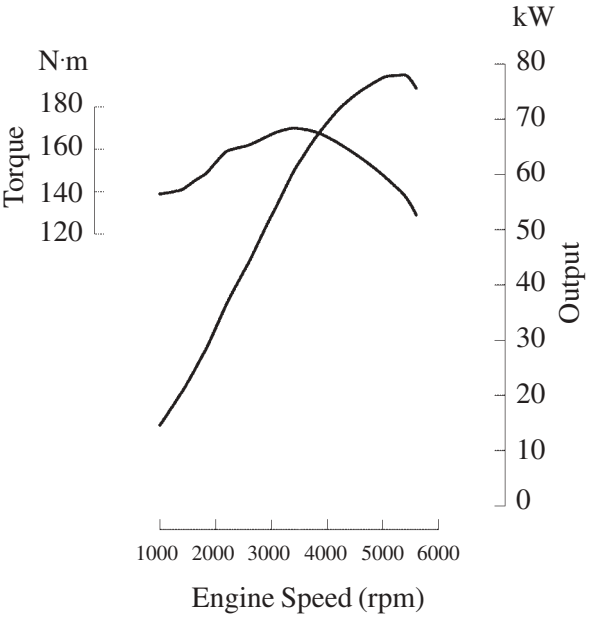
140EG50

▶ 1RZ Engine (SAE-NET) ◀



140EG51

▶ 1RZ Engine (SAE-GROSS) ◀



140EG52