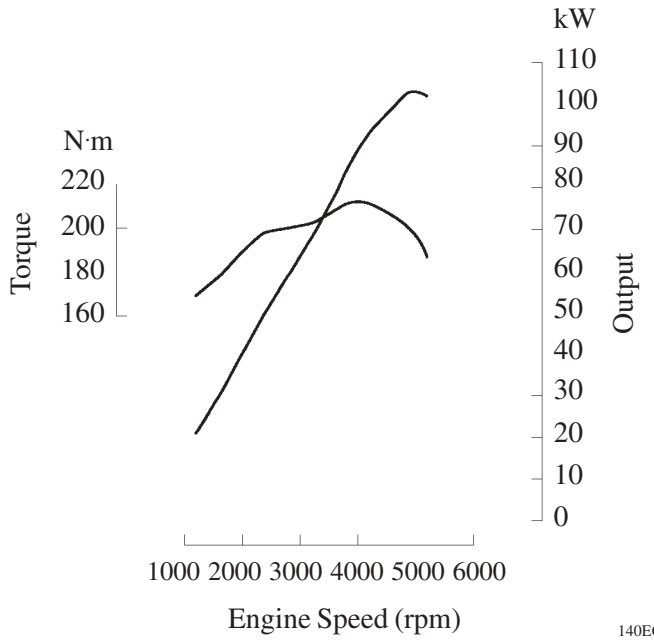
■ENGINE SPECIFICATIONS AND PERFORMANCE CURVES

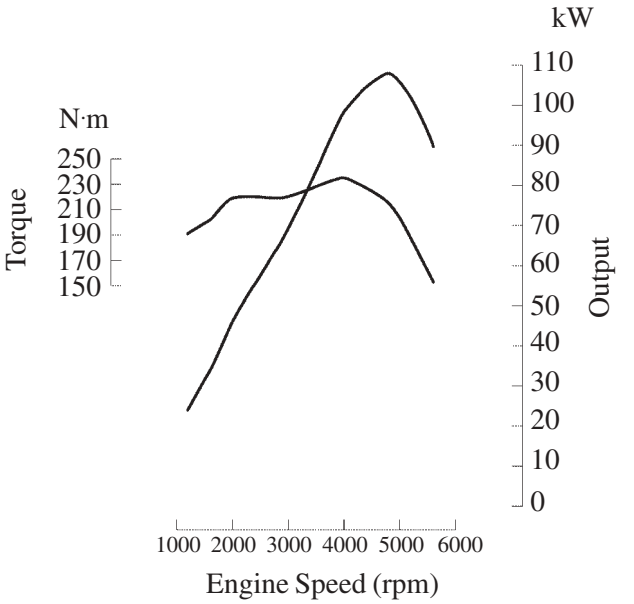
Item \ Engine			2RZ-FE	3RZ-F	3RZ-FE
No. of Cyls. & Arrangement			4-Cylinder, In-Line		
Valve Mechanism			16-Valve DOHC, Chain & Gear Drive		
Combustion Chamber			Pentroof Type		
Manifolds			Cross-Flow		
Fuel System			EFI	Carburetor	EFI
Displacement cm³ (cu. in.)			2438 (148.8)	2694 (164.4)	←
Bore x Stroke mm (in.)			95.0 x 86.0 (3.74 x 3.39)	95.0 x 95.0 (3.74 x 3.74)	←
Compression Ratio			9.5	8.5	9.5
Max. Output		EEC	103 kW@5000 rpm	–	108kW@4800 rpm
		SAE-NET	–	93 kW@5200 rpm	–
		SAE-GROSS	–	102 kW@5200 rpm	–
Max. Torque		EEC	212 N·m@4000 rpm	–	235 N·m@4000 rpm
		SAE-NET	–	216 N·m@2800 rpm	–
		SAE-GROSS	–	228 N·m@2800 rpm	–
Valve Timing	Intake	Open	5°BTDC	←	←
		Close	45°ABDC	←	←
	Exhaust	Open	42°BBDC	39°BBDC	42°BBDC
		Close	2°ATDC	7°ATDC	2°ATDC
Fuel Octane Number (RON)			91	90	91
Oil Grade			API SH EC-II, SJ EC or ILSAC		

▶ 2RZ-FE Engine (EEC) ◀

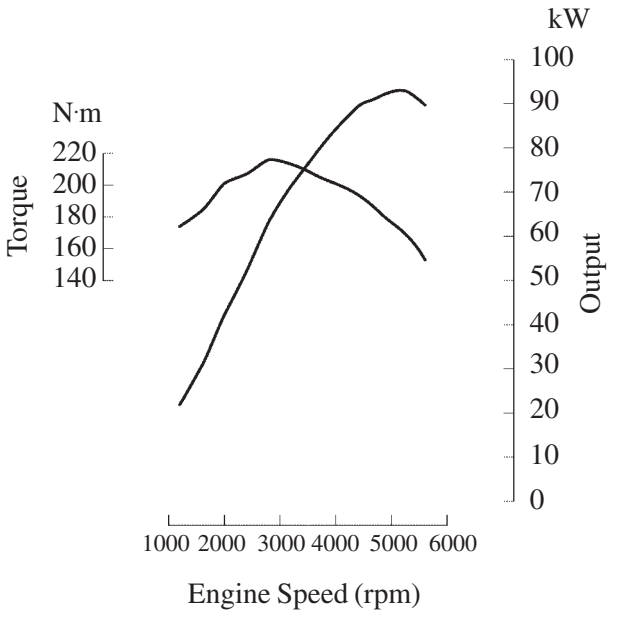


EG

▶ 3RZ-FE Engine (EEC) ◀



▶ 3RZ-FE Engine (SAE-NET) ◀



▶ 3RZ-F Engine (SAE-GROSS) ◀

