

ENGINE SPECIFICATIONS AND PERFORMANCE CURVE

Engine			1HD-FTE	1HD-FT
Item				
No. of Cyls. & Arrangement			6-Cylinder, In-Line	←
Valve Mechanism			24-Valve, OHC, Belt & Gear Drive	←
Combustion Chamber			Direct Injection Type	←
Manifolds			Cross-Flow	←
Fuel System			Distributor Type (Electronically Controlled)	Distributor Type (Mechanically Controlled)
Displacement cm ³ (cu. in.)			4164 (254.0)	←
Bore x Stroke mm (in.)			94.0 x 100.0 (3.70 x 3.94)	←
Compression Ratio			18.8 : 1	18.6 : 1
Max. Output [EEC]			150 kW @ 3400 rpm	125 kW @ 3600 rpm
Max. Torque [EEC]			430 N·m @ 1400 ~ 3200 rpm	380 N·m @ 2500 rpm
Valve Timing	Intake	Open	12° BTDC	←
		Close	24° ABDC	32° ABDC
	Exhaust	Open	54° BBDC	←
		Close	12° ATDC	←
Intercooler			With	N.A.
Fuel Cetane Number			48 or higher	←
Oil Grade			API CF-4	API CD or Better

