■TORQUE CONVERTER AND PLANETARY GEAR UNIT

The torque converter has optimally designed fluid passages and impeller configuration resulting in substantially enhanced torque ratio and transmission efficiency to ensure starting, acceleration and fuel economy. The specifications of the torque converter and planetary gear unit have been matched for 3RZ-FE engine.

▶ Specifications ◀

Item				3RZ-FE
Torque Converter	Converter Type			3-Element, 1-Step, 2-Phase, with Lock-Up Mechanism
	Stall Torque Ratio			1.900
Planetary Gear Unit	C_0	OD Direct Clutch	The No. of Discs	2
	C_1	Forward Clutch		5
	C_2	Direct Clutch		3
	B_0	OD Brake	The No. of Discs	4
	B_1	2nd Coast Brake	Band Width mm (in.)	40 (1.57)
	B_2	2nd Brake	The No. of Discs	5
	B_3	1st & Reverse Brake		6
	F_0	OD One-Way Clutch	The No. of Sprags	24
	F_1	No.1 One-Way Clutch		22
	F_2	No.2 One-Way Clutch		28
	Front Planetary Gear		The No. of Sun Gear Teeth	42
			The No. of Pinion Gear Teeth	19
			The No. of Ring Gear Teeth	79
	Rear Planetary Gear		The No. of Sun Gear Teeth	33
			The No. of Pinion Gear Teeth	23
			The No. of Ring Gear Teeth	79
	OD Planetary Gear		The No. of Sun Gear Teeth	33
			The No. of Pinion Gear Teeth	23
			The No. of Ring Gear Teeth	79