■VANE PUMP

- A compact and lightweight vane pump, which uses die-cast aluminum as the material for its housing, is used.
- A gear drive type vane pump is used on models with the 5L-E, 1KD-FTV, 2KD-FTV or 2KD-FTV High Version engine, and a belt drive type vane pump is used on models with the 1TR-FE, 2TR-FE, 2TR-FBE or 1GR-FE engine.
- Models with the 1TR-FE, 2TR-FE or 2TR-FBE engine use a type of vane pump with a built-in reservoir tank.

▶ Specifications ◀

Engine Type		1TR-FE, 2TR-FE, 2TR-FBE	1GR-FE
Pump Speed	rpm	500 – 8000	500 – 7000
Theoretical Discharge Volume (at 1000 rpm)	l/min.	8.0, 9.6*	9.6
Relief Set Pressure	MPa	8.8, 8.3*	8.3
Controlled Discharge	l/min.	6.5 – 5.0, 7.5 – 6.0*	6.5 – 5.0, 7.5 – 6.0*
Drive Type		V-ribbed Belt	←

*: 2WD PreRunner and 4WD models

Engine Type		5L-E	1KD-FTV, 2KD-FTV, 2KD-FTV High Version
Pump Speed	rpm	500 – 7000	500 – 7000
Theoretical Discharge Volume (at 1000 rpm)	l/min.	8.0, 10.5*	8.0
Relief Set Pressure	MPa	8.3	8.8
Controlled Discharge	l/min.	6.5 – 5.0, 7.5 – 6.0*	6.5 – 5.0, 7.5 – 6.0*
Drive Type		Gear	←

*: 2WD PreRunner and 4WD models