

1. Specifications

Lubrication method				Forced lubrication		
Oil pump	Pump type			Trochoid type		
	Number of teeth	Inner rotor		9		
		Outer rotor		10		
	Outer rotor diameter × thickness			78 × 9 mm (3.07 × 0.35 in)		
	Tip clearance between inner and outer rotor		STANDARD	0.04 — 0.14 mm (0.0016 — 0.0055 in)		
			LIMIT	0.18 mm (0.0071 in)		
	Side clearance between inner rotor and pump case		STANDARD	0.02 — 0.07 mm (0.0008 — 0.0028 in)		
			LIMIT	0.15 mm (0.0059 in)		
	Case clearance between outer rotor and pump case		STANDARD	0.10 — 0.175 mm (0.0039 — 0.0069 in)		
			LIMIT	0.20 mm (0.0079 in)		
	Capacity at 80°C (176°F)	600 rpm	Discharge	- pressure	98 kPa (1.0 kg/cm ² , 14 psi) or more	
				- quantity	2200 cc	4.2 ℓ (4.4 US qt, 3.7 Imp qt)/min.
		5,000 rpm	Discharge	- pressure	294 kPa (3.0 kg/cm ² , 43 psi) or more	
				- quantity	2200 cc	42.0 ℓ (11.10 US gal, 9.24 Imp gal)/min.
Relief valve operation pressure			2500 cc	490 kPa (5.0 kg/cm ² , 71 psi)		
			2500 cc	588 kPa (6.0 kg/cm ² , 85 psi)		
Oil filter	Type			Full-flow filter type		
	Filtration area			1,000 cm ² (155 sq in)		
	By-pass valve opening pressure			156 kPa (1.6 kg/cm ² , 23 psi)		
	Outer diameter × width			80 × 70 mm (3.15 × 2.76 in)		
	Oil filter to engine thread size			M 20 × 1.5		
Relief valve (on rocker shaft) operation pressure				69 kPa (0.7 kg/cm ² , 10 psi)		
Oil pressure switch	Type			Immersed contact point type		
	Working voltage — wattage			12 V — 3.4 W or less		
	Warning light activation pressure			14.7 kPa (0.15 kg/cm ² , 2.1 psi)		
	Proof pressure			More than 981 kPa (10 kg/cm ² , 142 psi)		
Oil capacity (at replacement)				4.0 ℓ (4.2 US qt, 3.5 Imp qt)		