

SERVICE SPECIFICATIONS

SERVICE DATA

Oil pressure	At idle speed (normal operating temperature)	29 kPa (0.3 kgf/cm², 4.3 psi) or more
	At 3,000 rpm (normal operating temperature)	245 – 520 kPa (2.5 – 5.3 kgf/cm², 36 – 75 psi)
Oil pump	Body clearance	STD
		0.10 – 0.13 mm (0.0039 – 0.0051 in.)
		Maximum
		0.30 mm (0.0118 in.)
	Tip clearance	STD
		0.11 – 0.24 mm (0.0043 – 0.0094 in.)
		Maximum
		0.35 mm (0.0138 in.)
	Side clearance	STD
		0.03 – 0.09 mm (0.0012 – 0.0035 in.)
		Maximum
		0.15 mm (0.0059 in.)

TORQUE SPECIFICATIONS

Part tightened	N·m	kgf·cm	ft·lbf
Oil pressure sender gauge x Cylinder block	15	150	11
Oil pump x Oil pump body cover	10	105	8
Oil pump x Cylinder block	20	200	14
Oil pump x Relief valve	37	375	27
Oil strainer x Cylinder block	6.9	70	61 in·lbf
Oil pan x Cylinder block	5.9	60	52 in·lbf
Oil cooler x Relief valve	59	600	43
Oil cooler x Cylinder block	39	400	29