

COOLING SYSTEM		SPECIFICATIONS
ITEM		
Coolant capacity	Radiator and engine	3.2 ℓ (3.4 US qt, 2.8 Imp qt)
	Reserve tank	0.5 ℓ (0.5 US qt, 0.4 Imp qt)
Radiator cap relief pressure		108 – 137 kPa (1.1 – 1.4 kgf/cm ² , 16 – 20 psi)
Thermostat	Begin to open	80 – 84 °C (176 – 183 °F)
	Fully open	95 °C (203 °F)
	Valve lift	8 mm (0.3 in) minimum
Recommended antifreeze		High quality ethylene glycol antifreeze containing corrosion protection inhibitors
Standard coolant concentration		50% mixture with soft water

Unit: mm (in)

CYLINDER HEAD/VALVES		STANDARD	SERVICE LIMIT	
ITEM				
Cylinder compression		1,275 kPa (13.0 kgf/cm ² , 185 psi) at 350 min ⁻¹ (rpm)		
Cylinder head warpage			0.10 (0.004)	
Valve, valve guide	Valve clearance	IN	0.16 ± 0.03 (0.006 ± 0.001)	
		EX	0.22 ± 0.03 (0.009 ± 0.001)	
	Valve stem O.D.	IN	4.975 – 4.990 (0.1959 – 0.1965)	4.965 (0.1955)
		EX	4.960 – 4.975 (0.1953 – 0.1959)	4.950 (0.1949)
	Valve guide I.D.	IN	5.000 – 5.012 (0.1969 – 0.1973)	5.040 (0.1984)
		EX	5.000 – 5.012 (0.1969 – 0.1973)	5.040 (0.1984)
	Stem-to-guide clearance	IN	0.010 – 0.037 (0.0004 – 0.0015)	
		EX	0.025 – 0.052 (0.0010 – 0.0020)	
	Valve guide projection above cylinder head	IN	16.3 – 16.5 (0.64 – 0.65)	
		EX	16.3 – 16.5 (0.64 – 0.65)	
Valve seat width	IN/EX	0.90 – 1.10 (0.035 – 0.043)	1.5 (0.06)	
Valve spring free length	Inner	IN/EX	37.4 (1.47)	35.4 (1.39)
	Outer	IN/EX	40.6 (1.60)	38.6 (1.52)
Valve lifter	Valve lifter O.D.	IN/EX	25.978 – 25.993 (1.0228 – 1.0233)	25.97 (1.022)
	Valve lifter bore I.D.	IN/EX	26.010 – 26.026 (1.0240 – 1.0246)	26.04 (1.025)
Camshaft	Cam lobe height	IN	38.32 – 38.40 (1.509 – 1.512)	38.02 (1.497)
		EX	38.38 – 38.46 (1.511 – 1.514)	38.08 (1.499)
	Runout			0.05 (0.002)
Oil clearance		0.020 – 0.074 (0.0008 – 0.0029)	0.10 (0.004)	