

CYLINDER HEAD/VALVE/CAMSHAFT SPECIFICATIONS

Unit: mm (in)

ITEM			STANDARD	SERVICE LIMIT
Cylinder compression at 500 r/min			1.4 MPa (14.3 kgf/cm ² , 203 psi)	—
Valve clearance	IN	Between valve lifter and cam lobe	0.16 ± 0.03 (0.006 ± 0.001)	—
	EX	Between rocker arm roller and cam lobe	0.23 ± 0.02 (0.009 ± 0.001)	—
		Between valve stem end and adjusting screw	0.30 ± 0.03 (0.012 ± 0.001)	—
Valve, valve guide	Valve stem O.D.	IN	5.475 – 5.490 (0.2156 – 0.2161)	5.465 (0.2152)
		EX	5.465 – 5.480 (0.2152 – 0.2157)	5.455 (0.2148)
	Valve guide I.D.	IN/EX	5.500 – 5.512 (0.2165 – 0.2170)	5.542 (0.2182)
	Valve guide projection above cylinder head	IN	12.9 – 13.2 (0.51 – 0.52)	—
		EX	15.1 – 15.4 (0.59 – 0.61)	—
	Valve seat width	IN	1.1 – 1.3 (0.04 – 0.05)	1.5 (0.06)
		EX	1.3 – 1.5 (0.05 – 0.06)	1.9 (0.07)
Valve spring	Free length	IN	41.23 (1.623)	40.41 (1.591)
		EX	40.93 (1.611)	40.11 (1.579)
Valve lifter	Valve lifter O.D.	IN	31.978 – 31.993 (1.2590 – 1.2596)	31.97 (1.259)
	Valve lifter bore I.D.	IN	32.010 – 32.026 (1.2602 – 1.2609)	32.04 (1.261)
Rocker arm	Arm I.D.	EX	12.000 – 12.018 (0.4724 – 0.4731)	12.06 (0.475)
	Shaft O.D.	EX	11.977 – 11.990 (0.4715 – 0.4720)	—
Camshaft	Cam lobe height	IN	42.180 – 42.340 (1.6606 – 1.6669)	42.15 (1.659)
		EX	42.282 – 42.442 (1.6646 – 1.6709)	42.25 (1.663)
	Oil clearance		0.010 – 0.056 (0.0004 – 0.0022)	0.10 (0.004)
Cylinder head warpage			—	0.10 (0.004)