

TECHNICAL SERVICE DATA

Unit: mm (in.)

Item	Assembly standard	Service limit
Cylinder bore	39.00~39.01 (1.5354~1.5358)	39.05 (1.5374)
Piston OD	38.98~39.00 (1.5336~1.5354)	38.90 (1.5315)
Piston ring side clearance		
Top and 2nd rings	0.015~0.045 (0.0006~0.0018)	0.10 (0.0039)
Oil ring	0.01~0.045 (0.0004~0.0018)	0.10 (0.0039)
Piston ring gap		
Top and 2nd rings	0.15~0.35 (0.0059~0.0138)	0.5 (0.0197)
Oil ring	0.15~0.40 (0.0059~0.0157)	0.5 (0.0197)
Valve-to-guide clearance		
Intake side	0.01~0.03 (0.0004~0.0012)	0.08 (0.0031)
Exhaust side	0.03~0.95 (0.0012~0.0020)	0.1 (0.0039)
Oil pump body-to-outer rotor clearance	0.1~0.15 (0.0039~0.0059)	0.2 (0.0079)
Inner rotor-to-outer rotor clearance	0.02~0.07 (0.0008~0.0028)	0.12 (0.0047)
Crankshaft journal runout		
Right side	0.015 (0.0006)	0.05 (0.0020)
Left side	0.015 (0.0006)	0.05 (0.0020)
Connecting rod big end play		
Axial direction	0.1~0.35 (0.0039~0.0138)	0.8 (0.0315)
Radial direction	0.010~0.012 (0.0004~0.0005)	0.05 (0.0020)