

Item	Specification
Theoretical valve lift (intake) @ 0 lash	0.3937 in (10 mm)
Theoretical valve lift (exhaust) @ 0 lash	0.3543 in (9 mm)
Lobe lift - intake	0.2067 in (5.25 mm)
Lobe lift - exhaust	0.1870 in (4.75 mm)
Camshaft journal bore inside diameter - 1st journal	0.0011-0.0028 in (.027-.072 mm)
Camshaft journal bore inside diameter - intermediate journals	0.0011-0.0028 in (.027-.072 mm)
Camshaft bearing outside diameter - 1st journal	1.3764-1.3772 in (34.96-34.98 mm)
Camshaft bearing outside diameter - intermediate journals	1.1263-1.1273 in (28.607-28.633 mm)
End play	0.0010-0.0059 in (.025-.15 mm)

SPECIFICATIONS > SPECIFICATIONS > CYLINDER BLOCK

Item	Specification
Cylinder bore diameter	3.268-3.268 in (83-83.018 mm)
Cylinder bore roundness	0.0004 in (.01 mm)
Cylinder bore taper	0.0005 in (.013 mm)
Block main bore roundness	0.0003 in (.007 mm)
Main bearing bore inside diameter	2.850-2.851 in (72.402-72.422 mm)
Head gasket surface flatness	Flat within 0.150 mm (0.005 in) overall 0.050 mm (0.001 in) per 150 mm (5.905 in) x 150 mm (5.905 in) 0.025 mm (0.0009 in) per 25 mm (0.98 in) x 25 mm (0.98 in)

SPECIFICATIONS > SPECIFICATIONS > CRANKSHAFT

Item	Specification
Main bearing journal diameter	2.6568-2.6576 in (67.483-67.503 mm)
Main bearing journal-to-main bearing clearance	0.0020-0.0024 in (.05-.062 mm)
Connecting rod journal diameter	2.2041-2.2048 in (55.983-56.003 mm)
Crankshaft maximum end play	0.0020-0.0115 in (.051-.291 mm)