

Main bearing journal-to-main bearing clearance	0.0010-0.0016 in (.026-.041 mm)
Connecting rod journal diameter	2.204-2.205 in (55.983-56.003 mm)
Connecting rod journal maximum taper	0.0002 in (.004 mm)
Connecting rod journal maximum out-of-round	0.0002 in (.006 mm)
Crankshaft maximum end play	0.0040-0.0115 in (.101-.291 mm)

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Item	Specification
Piston diameter - single grade	3.6408-3.6413 in (92.476-92.49 mm)
Piston-to-cylinder bore clearance	0.0004-0.0017 in (.01-.044 mm)
Piston ring end gap - compression (top, gauge diameter)	0.0067-0.0106 in (.17-.27 mm)
Piston ring end gap - compression (bottom, gauge diameter)	0.0118-0.0217 in (.3-.55 mm)
Piston ring end gap - oil ring (steel rail, gauge diameter)	0.0059-0.0177 in (.15-.45 mm)
Piston ring groove width - compression (top)	0.0484-0.0492 in (1.23-1.25 mm)
Piston ring groove width - compression (bottom)	0.0602-0.0610 in (1.53-1.55 mm)
Piston ring groove width - oil ring	0.0996-0.1004 in (2.53-2.55 mm)
Piston ring width - upper compression ring	0.0461-0.0469 in (1.17-1.19 mm)
Piston ring width - lower compression ring	0.0579-0.0587 in (1.47-1.49 mm)
Piston ring-to-groove clearance (upper and lower compression rings)	0.0016-0.0031 in (.04-.08 mm)
Piston pin bore diameter	0.9057-0.9058 in (23.004-23.008 mm)
Piston pin diameter	0.9054-0.9055 in (22.997-23 mm)
Piston pin length	2.343 in (59.512 mm)
Piston pin-to-piston fit	0.0002-0.0004 in (.004-.011 mm)
Piston-to-connecting rod clearance	0.1 in (2.7 mm)
Connecting rod-to-pin clearance - standard	0.0003-0.0009 in (.007-.022 mm)
Connecting rod pin bore diameter	0.9058-0.9063 in (23.007-23.019 mm)
Connecting rod length (center-to-center)	6.01 in (152.68 mm)
Connecting rod maximum allowed bend	0.0015 in (.038 mm)
Connecting rod maximum allowed twist	0.0020 in (.05 mm)