

Crankshaft and Bearing Dimension
Main Bearings

Item	Type		No. 1-3 bearings mm	No. 4 bearing mm
Journal	3. undersize	diameter	49,241-49,225	39,232-39,221
Bearing	int. dia. undersize	wall thickness	(B1) 5.471-5.483	5.352- 5.364
	ext. dia. standard	external diameter	(B2a,3) 5.462-5.474 60.29 + 0.02	50,050-50,034
Crankcase bore	standard	diameter	60.24 \pm 0.005	50,000-50,024
Journal	3. undersize	diameter	49,241-49,225	39,232-39,221
Bearing	int. dia. undersize	wall thickness	(B1) 5.596-5.608	No oversize available
	ext. dia. oversize	external diameter	(B2a,3) 5.587-5.599 60.54 + 0.02	
Crankcase bore	for oversize bearing	diameter	60.49 \pm 0.005	No oversize available

Connecting Rod Bearings

Item	Type		All connecting rods mm
Journal	standard	diameter	53,000-52,987
Bearing Connecting rod bore	standard	wall thickness	1.96 - 1.97
	standard	diameter	56,980-56,999
Journal	1. undersize	diameter	52,750-52,737
Bearing	ext. dia. standard	wall thickness	2.089- 2.099
	int. dia. undersize	con. rod bore	56,980-56,999
Journal	2. undersize	diameter	52,500-52,487
Bearing	ext. dia. standard	wall thickness	2.215- 2.225
	int. dia. undersize	con. rod bore	56,980-56,999
Journal	3. undersize	diameter	52,250-52,237
Bearing	ext. dia. standard	wall thickness	2.339- 2.349
	int. dia. undersize	con. rod bore	56,980-56,999

Note: All bearing surfaces on crankshafts that have been reground must retain a hardness of at least 54 Rockwell c.