

Crankshaft and Bearing Dimensions

Main Bearings

Item	Type		No. 1-3 bearings mm	No. 4 bearing mm
Journal	standard	diameter	49.991-49.975	39.982-39.971
Bearing	int. dia. standard	wall thickness	(B1) 5.096-5.108	4.977- 4.989
	ext. dia. standard	external diameter	(B2a,3) 5.087-5.099 60.29 + 0.02	50.050-50.034
Crankcase bore	standard	diameter	60.24 \pm 0.005	50.000-50.024
Journal	standard	diameter	49.991-49.975	39.982-39.971
Bearing	int. dia. standard	wall thickness	(B1) 5.221-5.233	4.975- 4.985
	ext. dia. oversize	external diameter	(B2a,3) 5.212-5.224 60.54 + 0.02	50.050-50.034
Crankcase bore	for oversize bearing	diameter	60.49 \pm 0.005	No oversize available
Journal	1. undersize	diameter	49.741-49.725	39.732-39.721
Bearing	int. dia. undersize	wall thickness	(B1) 5.221-5.233	5.102- 5.114
	ext. dia. standard	external diameter	(B2a,3) 5.212-5.224 60.29 + 0.02	50.050-50.034
Crankcase bore	standard	diameter	60.24 \pm 0.005	50.000-50.024
Journal	1. undersize	diameter	49.741-49.725	39.723-39.721
Bearing	int. dia. undersize	wall thickness	(B1) 5.346-5.358	No oversize available
	ext. dia. oversize	external diameter	(B2a,3) 5.337-5.349 60.54 + 0.02	
Crankcase bore	for oversize bearing	diameter	60.49 \pm 0.005	No oversize available
Journal	2. undersize	diameter	49.491-49.475	39.482-39.471
Bearing	int. dia. undersize	wall thickness	(B1) 5.346-5.358	5.227- 5.239
	ext. dia. standard	external diameter	(B2a,3) 5.337-5.349 60.29 + 0.02	50.050-50.034
Crankcase bore	standard	diameter	60.24 \pm 0.005	50.000-50.024
Journal	2. undersize	diameter	49.491-49.475	39.482-39.471
Bearing	int. dia. undersize	wall thickness	(B1) 5.471-5.483	No oversize available
	ext. dia. oversize	external diameter	(B2a,3) 5.462-5.474 60.54 + 0.02	
Crankcase bore	for oversize bearing	diameter	60.49 \pm 0.005	No oversize available

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