

Data

Average roughness (Rz) of camshaft bearing journals		0.005		
Permissible radial runout of camshaft bearing journals b and c and of camshaft sprocket seat when mounting camshaft in bearing journal a and rear bearing journal c		0.025		
Permissible radial runout of camshaft base circle when mounting camshaft in bearing journal a and rear bearing journal c		0.03		
Bearing points (Fig.)		a	b	c
Standard dimension	Bearing dia.	<u>35.000</u>	<u>49.200</u>	<u>49.400</u>
		35.016	49.216	49.416
	Journal dia.	<u>34.975</u>	<u>49.175</u>	<u>49.375</u>
		34.959	49.159	49.359
Repair stage 1	Bearing dia.	<u>34.900</u>	<u>49.100</u>	<u>49.300</u>
		34.916	49.116	49.316
	Journal dia.	<u>34.875</u>	<u>49.075</u>	<u>49.275</u>
		34.859	49.059	49.259
Repair stage 2	Bearing dia.	<u>34.750</u>	<u>48.950</u>	<u>49.150</u>
		34.766	48.966	49.166
	Journal dia.	<u>34.725</u>	<u>48.925</u>	<u>49.125</u>
		34.709	48.909	49.109
Fitted bearing	Bearing bracket width	<u>25.430</u>		
		25.390		
	Journal width B	<u>25.500</u>		
		25.533		
Camshaft bearing play	radial	0.025—0.057	0.025—0.057	0.025—0.057
	axial	0.070—0.143		

Note

When regrinding thrust face of bearing journal „a”, grind face „S” always so that the journal width „B” and consequently the axial play (end play) is maintained.

Bearing journals are not hardened.

Suitable repair stage camshaft bearings are available for ground camshaft bearing journals.

