

SX011820 INA 100x125x13mm RL0max 0.008 mm / Low clearance: Preload Complex bearings

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| Bearing number | SX011820 |
| Size (mm) | 100x125x13 |
| Brand | INA |
| Bore Diameter (mm) | 100 |
| Outer Diameter (mm) | 125 |
| Width (mm) | 13 |
| d_i – 100 mm / Tolerance: K6+0,004 / -0,018 | 100 mm / Tolerance: K6+0.004 / 0.018 |
| D_a – 125 mm / Tolerance: h6 -0,025 | 125 mm / Tolerance: h6 0.025 |
| H – 13 mm / Tolerance: +/-0,12 | 13 mm / Tolerance: +/-0.12 |
| D_i | 112.5 mm |
| D_M | 112 mm |
| d_a | 111.5 mm |
| h – 13 mm / Tolerance: E8 -0,01 | 13 mm / Tolerance: E8 0.01 |
| r_{min} | 1 mm |
| S | 1.2 mm |
| m | 0.5 kg / Weight |
| | 0.010 mm / Running accuracy. radial |

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| | 0.010 mm / Running accuracy. axial |
| $S_{r \min}$ | 0.005 mm / Min. radial bearing clearance |
| $S_{r \max}$ | 0.020 mm / Max. radial bearing clearance |
| $S_{k \min}$ | 0.010 mm / Min. axial tilting clearance |
| $S_{k \max}$ | 0.04 mm / Max. axial tilting clearance |
| RLO_{\max} | 0.004 mm / Low clearance: Radial clearance |
| RLO_{\max} | 0.008 mm / Low clearance: Preload |
| VSP_{\min} | 0.005 mm / Min. bearing preload |
| VSP_{\max} | 0.020 mm / Max. bearing preload |
| C_a | 27000 N / Dynamic load rating (axial) |
| $C_{\theta a}$ | 102000 N / Static load rating (axial) |
| C_r | 19400 N / Dynamic load rating (radial)(for radial load only) |
| $C_{\theta r}$ | 40500 N / Static load rating (radial)(for radial load only) |
| $n_{G \text{ oil}}$ | 1360 1/min / Limiting speed for oil lubrication with normal clearance |
| $n_{G \text{ Fett}}$ | 680 1/min / Limiting speed for grease lubrication with normal clearance |
| $n_{G \text{ oil}}$ | 680 1/min / Limiting speed for oil lubrication with preload |
| Category | Ball Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SCHAEFFLER GROUP |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.599 |

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| EAN | 4012802368772 |
| Product Group – BDI | B00234 |