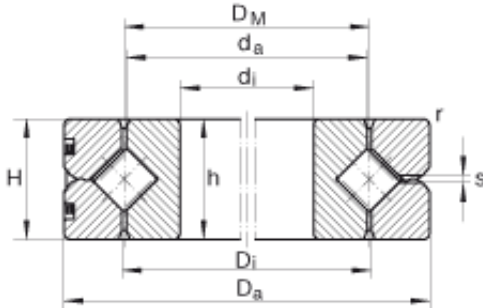




**SX011840 Cross Cylindrical Roller Bearing INA
Structure**



SX011840 Bearing 2D drawings and 3D CAD models

Bearing No. SX011840

| | |
|---|---|
| Size | 200x250x24 mm |
| Bore Diameter | 200 mm |
| Outer Diameter | 250 mm |
| Width | 24 mm |
| d_i - 200 mm / Tolerance: K6 +0,004 / -0,024 | 200 mm / Tolerance: K6 +0,004 / 0,024 |
| D_a - 250 mm / Tolerance: h6 -0,029 | 250 mm / Tolerance: h6 0,029 |
| H - 24 mm / Tolerance: +/-0,13 | 24 mm / Tolerance: +/-0,13 |
| D_i | 225,8 mm |
| D_M | 225 mm |
| d_a | 224,2 mm |
| h - 24 mm / Tolerance: E8 -0,025 | 24 mm / Tolerance: E8 0,025 |
| r_{min} | 1,5 mm |
| S | 2 mm |
| m | 3,1 kg / Weight |
| | 0,015 mm / Running accuracy, radial |
| | 0,010 mm / Running accuracy, axial |
| $S_{r min}$ | 0,005 mm / Min. radial bearing clearance |
| $S_{r max}$ | 0,025 mm / Max. radial bearing clearance |
| $S_{k min}$ | 0,010 mm / Min. axial tilting clearance |



TFI Bearing Co.,Ltd

| | |
|----------------------|---|
| $S_{k \max}$ | 0,05 mm / Max. axial tilting clearance |
| RLO_{\max} | 0,005 mm / Low clearance: Radial clearance |
| RLO_{\max} | 0,010 mm / Low clearance: Preload |
| VSP_{\min} | 0,005 mm / Min. bearing preload |
| VSP_{\max} | 0,025 mm / Max. bearing preload |
| C_a | 102000 N / Dynamic load rating (axial) |
| C_{0a} | 425000 N / Static load rating (axial) |
| C_r | 72000 N / Dynamic load rating (radial)(for radial load only) |
| C_{0r} | 170000 N / Static load rating (radial)(for radial load only) |
| $n_{G \text{ Oil}}$ | 680 1/min / Limiting speed for oil lubrication with normal clearance |
| $n_{G \text{ Fett}}$ | 340 1/min / Limiting speed for grease lubrication with normal clearance |
| $n_{G \text{ Oil}}$ | 340 1/min / Limiting speed for oil lubrication with preload |
| Category | Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SCHAEFFLER GROUP |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| EAN | 4012802193862 |
| Product Group | B00234 |