



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



RAA Bearing Trading 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