



SX011836 Cross Cylindrical Roller Bearing INA
Structure



Bearing No. SX011836

SX011836 Bearing 2D drawings and 3D CAD models

Size	180x225x22 mm
Bore Diameter	180 mm
Outer Diameter	225 mm
Width	22 mm
d_i - 180 mm / Tolerance: K6 +0,004 / -0,021	180 mm / Tolerance: K6 +0,004 / 0,021
D_a - 225 mm / Tolerance: h6 -0,029	225 mm / Tolerance: h6 0,029
H - 22 mm / Tolerance: +/-0,13	22 mm / Tolerance: +/-0,13
D_i	202,8 mm
D_M	202 mm
d_a	201,2 mm
h - 22 mm / Tolerance: E8 -0,025	22 mm / Tolerance: E8 0,025
r_{min}	1,1 mm
S	2 mm
m	2,3 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



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$S_{k \max}$	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	96000 N / Dynamic load rating (axial)
C_{0a}	380000 N / Static load rating (axial)
C_r	69000 N / Dynamic load rating (radial) (for radial load only)
C_{0r}	153000 N / Static load rating (radial) (for radial load only)
$n_{G \text{ Oil}}$	755 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	375 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ Oil}}$	375 1/min / Limiting speed for oil lubrication with preload
Category	Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	2.754
Product Group	B04144