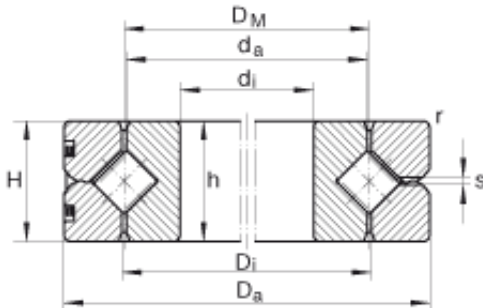




**SX011836 Cross Cylindrical Roller Bearing INA
Structure**



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