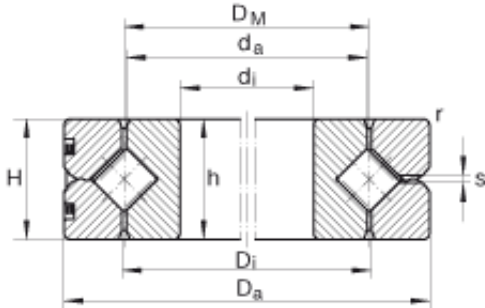




**SX011836 Cross Cylindrical Roller Bearing INA  
Structure**



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



## 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
$C_a$	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)
$n_{G \text{OI}}$	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
$n_{G \text{OI}}$	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