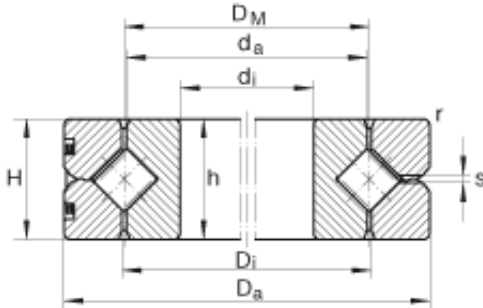




**SX011832 Cross Cylindrical Roller Bearing INA  
Structure**



SX011832 Bearing 2D drawings and 3D CAD models

Bearing No. SX011832

Size	160x200x20 mm
Bore Diameter	160 mm
Outer Diameter	200 mm
Width	20 mm
$d_i$ - 160 mm / Tolerance: K6 +0,004 / -0,021	160 mm / Tolerance: K6 +0,004 / 0,021
$D_a$ - 200 mm / Tolerance: h6 -0,029	200 mm / Tolerance: h6 0,029
H - 20 mm / Tolerance: +/-0,12	20 mm / Tolerance: +/-0,12
$D_i$	180,8 mm
$D_M$	180 mm
$d_a$	179,2 mm
h - 20 mm / Tolerance: E8 -0,025	20 mm / Tolerance: E8 0,025
$r_{min}$	1,1 mm
S	1,5 mm
m	1,7 kg / Weight
	0,015 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
$S_{r min}$	0,005 mm / Min. radial bearing clearance
$S_{r max}$	0,020 mm / Max. radial bearing clearance
$S_{k min}$	0,010 mm / Min. axial tilting clearance



## TFI Bearing Co.,Ltd

$S_{k \max}$	0,04 mm / Max. axial tilting clearance
$RLO_{\max}$	0,004 mm / Low clearance: Radial clearance
$RLO_{\max}$	0,008 mm / Low clearance: Preload
$VSP_{\min}$	0,005 mm / Min. bearing preload
$VSP_{\max}$	0,020 mm / Max. bearing preload
$C_a$	68000 N / Dynamic load rating (axial)
$C_{0a}$	275000 N / Static load rating (axial)
$C_r$	48500 N / Dynamic load rating (radial)(for radial load only)
$C_{0r}$	111000 N / Static load rating (radial)(for radial load only)
$n_{G \text{OI}}$	850 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{Fett}}$	425 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{OI}}$	425 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	1.916
Product Group	B00234