

## 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



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$S_{k \max}$	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)
$n_{G \text{ Oil}}$	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
$n_{G \text{ Oil}}$	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
EAN	4012802443165
Product Group	B00234