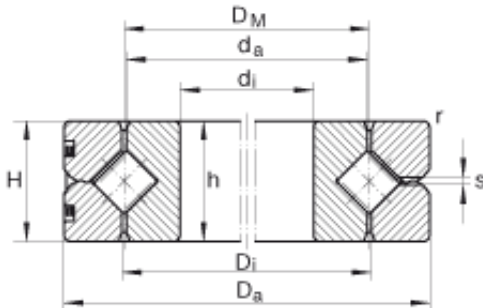




SX011832 Cross Cylindrical Roller Bearing INA
Structure



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
Product Group	B00234