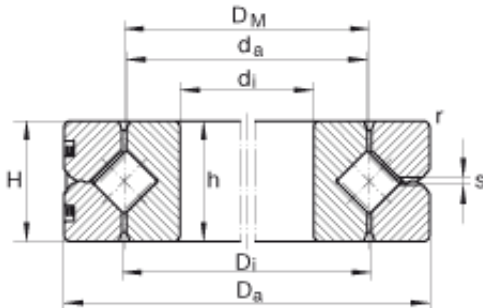




**SX011820 Cross Cylindrical Roller Bearing INA
Structure**



SX011820 Bearing 2D drawings and 3D CAD models

Bearing No. SX011820

Size	100x125x13 mm
Bore Diameter	100 mm
Outer Diameter	125 mm
Width	13 mm
d_i - 100 mm / Tolerance: K6+0,004 / -0,018	100 mm / Tolerance: K6+0,004 / 0,018
D_a - 125 mm / Tolerance: h6 -0,025	125 mm / Tolerance: h6 0,025
H - 13 mm / Tolerance: +/-0,12	13 mm / Tolerance: +/0,12
D_i	112,5 mm
D_M	112 mm
d_a	111,5 mm
h - 13 mm / Tolerance: E8 -0,01	13 mm / Tolerance: E8 0,01
r_{min}	1 mm
S	1,2 mm
m	0,5 kg / Weight
	0,010 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	27000 N / Dynamic load rating (axial)
C_{0a}	102000 N / Static load rating (axial)
C_r	19400 N / Dynamic load rating (radial)(for radial load only)
C_{0r}	40500 N / Static load rating (radial)(for radial load only)
$n_{G \text{ Oil}}$	1360 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	680 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ Oil}}$	680 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	0.599
EAN	4012802368772
Product Group	B00234