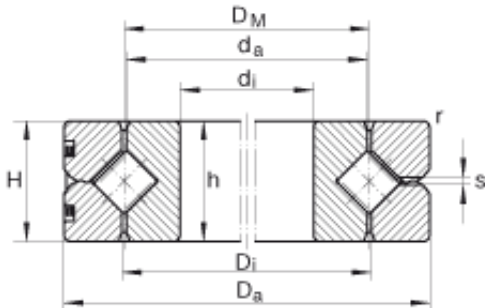




# EO Bearing Imp&Exp .co.,ltd

## 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