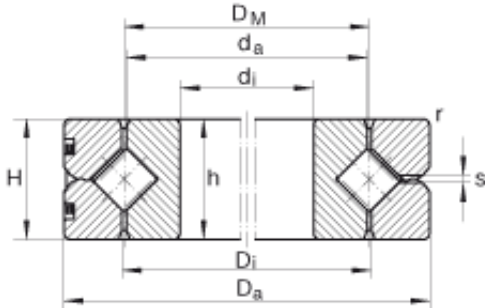




**SX011818 Cross Cylindrical Roller Bearing INA
Structure**



SX011818 Bearing 2D drawings and 3D CAD models

Bearing No. SX011818

Size	90x115x13 mm
Bore Diameter	90 mm
Outer Diameter	115 mm
Width	13 mm
d_i - 90 mm / Tolerance: K6+0,004 / -0,018	90 mm / Tolerance: K6+0,004 / 0,018
D_a - 115 mm / Tolerance: h6 -0,022	115 mm / Tolerance: h6 0,022
H - 13 mm / Tolerance: +/-0,12	13 mm / Tolerance: +/-0,12
D_i	102,5 mm
D_M	102 mm
d_a	101,5 mm
h - 13 mm / Tolerance: E8 -0,01	13 mm / Tolerance: E8 0,01
r_{min}	1 mm
S	1,2 mm
m	0,4 kg / Weight
	0,010 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
$S_{r min}$	0,003 mm / Min. radial bearing clearance
$S_{r max}$	0,015 mm / Max. radial bearing clearance
$S_{k min}$	0,006 mm / Min. axial tilting clearance



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$S_{k \max}$	0,03 mm / Max. axial tilting clearance
RLO_{\max}	0,003 mm / Low clearance: Radial clearance
RLO_{\max}	0,006 mm / Low clearance: Preload
VSP_{\min}	0,003 mm / Min. bearing preload
VSP_{\max}	0,015 mm / Max. bearing preload
C_a	25500 N / Dynamic load rating (axial)
C_{0a}	91000 N / Static load rating (axial)
C_r	18300 N / Dynamic load rating (radial)(for radial load only)
C_{0r}	36500 N / Static load rating (radial)(for radial load only)
$n_{G \text{ Oil}}$	1500 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	750 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ Oil}}$	750 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	0.479
EAN	4012802845587
Product Group	B00234