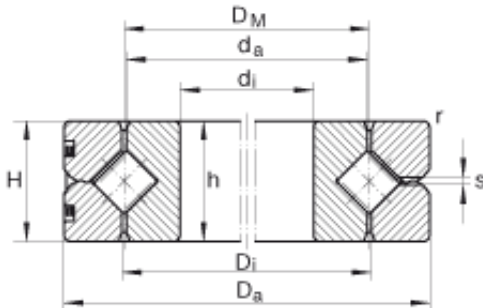


## SX011818 Cross Cylindrical Roller Bearing INA Structure



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)
$n_{G \text{OI}}$	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
$n_{G \text{OI}}$	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