

SX011818 INA 90x115x13mm

Category Ball Bearings

Complex bearings

Bearing number	SX011818
Size (mm)	90x115x13
Brand	INA
Bore Diameter (mm)	90
Outer Diameter (mm)	115
Width (mm)	13
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
$S_{k \max}$	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)
$C_{\theta a}$	91000 N / Static load rating (axial)
C_r	18300 N / Dynamic load rating (radial)(for radial load only)
$C_{\theta r}$	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
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.479
EAN	4012802845587

Product Group – BDI

B00234