

SX011820 INA 100x125x13mm RL0max 0.008 mm / Low clearance: Preload Complex bearings

Bearing number	SX011820
Size (mm)	100x125x13
Brand	INA
Bore Diameter (mm)	100
Outer Diameter (mm)	125
Width (mm)	13
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
$S_{k \max}$	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)
$C_{\theta a}$	102000 N / Static load rating (axial)
C_r	19400 N / Dynamic load rating (radial)(for radial load only)
$C_{\theta r}$	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
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.599

EAN	4012802368772
Product Group – BDI	B00234