

**SX011828****INA****EAN****4012802440621****140x175x18mm****Complex bearings**

Bearing number	SX011828
Size (mm)	140x175x18
Brand	INA
Bore Diameter (mm)	140
Outer Diameter (mm)	175
Width (mm)	18
$d_i$ – 140 mm / Tolerance: K6 +0,004 / -0,021	140 mm / Tolerance: K6 +0.004 / 0.021
$D_a$ – 175 mm / Tolerance: h6 -0,025	175 mm / Tolerance: h6 0.025
H – 18 mm / Tolerance: +/-0,12	18 mm / Tolerance: +/-0.12
$D_i$	157.7 mm
$D_M$	157 mm
$d_a$	156.3 mm
h – 18 mm / Tolerance: E8 -0,01	18 mm / Tolerance: E8 0.01
$r_{min}$	1.1 mm
S	1.5 mm
m	1.1 kg / Weight
	0.015 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
$C_a$	63000 N / Dynamic load rating (axial)
$C_{\theta a}$	240000 N / Static load rating (axial)
$C_r$	45000 N / Dynamic load rating (radial)(for radial load only)
$C_{\theta r}$	96000 N / Static load rating (radial)(for radial load only)
$n_{G \text{ oil}}$	975 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	485 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ oil}}$	485 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	1.432
EAN	4012802440621

Product Group – BDI

B00234