

SX011814 INA C0r 20400 N / Static load rating (radial) (for radial load only) 70x90x10mm Complex bearings

Bearing number	SX011814
Size (mm)	70x90x10
Brand	INA
Bore Diameter (mm)	70
Outer Diameter (mm)	90
Width (mm)	10
$d_i - 70 \text{ mm} /$ Tolerance: K6+0,004 / -0,015	70 mm / Tolerance: K6+0.004 / 0.015
$D_a - 90 \text{ mm} /$ Tolerance: h6 -0,022	90 mm / Tolerance: h6 0.022
H - 10 mm / Tolerance: +/-0,10	10 mm / Tolerance: +/-0.10
D_i	80.5 mm
D_M	80 mm
d_a	79.5 mm
h - 10 mm / Tolerance: E8 -0,01	10 mm / Tolerance: E8 0.01
r_{min}	0.6 mm
S	1.2 mm
m	0.3 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	15400 N / Dynamic load rating (axial)
C_{0a}	51000 N / Static load rating (axial)
C_r	11000 N / Dynamic load rating (radial)(for radial load only)
C_{0r}	20400 N / Static load rating (radial)(for radial load only)
$n_{G \text{ oil}}$	1910 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	955 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ oil}}$	955 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	0.275
EAN	4047643190541
Product Group – BDI	B00234