

# SX011840 INA C0r 170000 N / Static load rating (radial) (for radial load only) 200x250x24mm Complex bearings

Bearing number	SX011840
Size (mm)	200x250x24
Brand	INA
Bore Diameter (mm)	200
Outer Diameter (mm)	250
Width (mm)	24
$d_i$ – 200 mm / Tolerance: K6 +0,004 / -0,024	200 mm / Tolerance: K6 +0.004 / 0.024
$D_a$ – 250 mm / Tolerance: h6 -0,029	250 mm / Tolerance: h6 0.029
H – 24 mm / Tolerance: +/-0,13	24 mm / Tolerance: +/-0.13
$D_i$	225.8 mm
$D_M$	225 mm
$d_a$	224.2 mm
h – 24 mm / Tolerance: E8 -0,025	24 mm / Tolerance: E8 0.025
$r_{min}$	1.5 mm
S	2 mm
m	3.1 kg / Weight

	0.015 mm / Running accuracy. radial
	0.010 mm / Running accuracy. axial
$S_{r \min}$	0.005 mm / Min. radial bearing clearance
$S_{r \max}$	0.025 mm / Max. radial bearing clearance
$S_{k \min}$	0.010 mm / Min. axial tilting clearance
$S_{k \max}$	0.05 mm / Max. axial tilting clearance
$RLO_{\max}$	0.005 mm / Low clearance: Radial clearance
$RLO_{\max}$	0.010 mm / Low clearance: Preload
$VSP_{\min}$	0.005 mm / Min. bearing preload
$VSP_{\max}$	0.025 mm / Max. bearing preload
$C_a$	102000 N / Dynamic load rating (axial)
$C_{0a}$	425000 N / Static load rating (axial)
$C_r$	72000 N / Dynamic load rating (radial)(for radial load only)
$C_{0r}$	170000 N / Static load rating (radial)(for radial load only)
$n_{G \text{ oil}}$	680 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	340 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ oil}}$	340 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
EAN	4012802193862
Product Group – BDI	B00234