

SX011848 INA da 269.2 mm 240x300x28mm Complex bearings

Bearing number	SX011848
Size (mm)	240x300x28
Brand	INA
Bore Diameter (mm)	240
Outer Diameter (mm)	300
Width (mm)	28
d_i – 240 mm / Tolerance: K6 +0,005 / -0,024	240 mm / Tolerance: K6 +0.005 / 0.024
D_a – 300 mm / Tolerance: h6 -0,032	300 mm / Tolerance: h6 0.032
H – 28 mm / Tolerance: +/-0,13	28 mm / Tolerance: +/-0.13
D_i	270.8 mm
D_M	270 mm
d_a	269.2 mm
h – 28 mm / Tolerance: E8 -0,025	28 mm / Tolerance: E8 0.025
r_{min}	2 mm
S	2 mm
m	5.3 kg / Weight
	0.020 mm / Running accuracy. radial
	0.010 mm / Running accuracy. axial
$S_{r min}$	0.010 mm / Min. radial bearing clearance

$S_{r \max}$	0.030 mm / Max. radial bearing clearance
$S_{k \min}$	0.020 mm / Min. axial tilting clearance
$S_{k \max}$	0.06 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	148000 N / Dynamic load rating (axial)
C_{0a}	640000 N / Static load rating (axial)
C_r	105000 N / Dynamic load rating (radial)(for radial load only)
C_{0r}	255000 N / Static load rating (radial)(for radial load only)
$n_{G \text{ oil}}$	565 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	280 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ oil}}$	280 1/min / Limiting speed for oil lubrication with preload