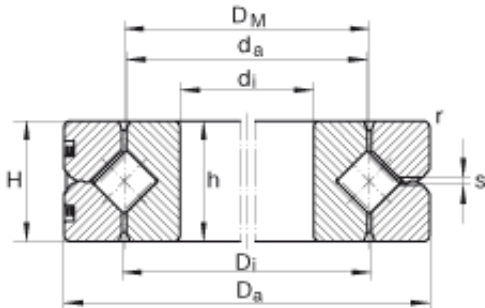




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SX011880 Cross Cylindrical Roller Bearing INA Structure



SX011880 Bearing 2D drawings and 3D CAD models

Bearing No. SX011880

Size	400x500x46 mm
Bore Diameter	400 mm
Outer Diameter	500 mm
Width	46 mm
d_i - 400 mm / Tolerance: K6 +0,007 / -0,029	400 mm / Tolerance: K6 +0,007 / 0,029
D_a - 500 mm / Tolerance: h6 -0,040	500 mm / Tolerance: h6 0,040
H - 46 mm / Tolerance: +/-0,15	46 mm / Tolerance: +/-0,15
D_i	451 mm
D_M	450 mm
d_a	449 mm
h - 46 mm / Tolerance: E8 -0,05	46 mm / Tolerance: E8 0,05
r_{min}	2,1 mm
S	2,5 mm
m	24 kg / Weight
	0,030 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
$S_{r min}$	0,010 mm / Min. radial bearing clearance
$S_{r max}$	0,050 mm / Max. radial bearing clearance
$S_{k min}$	0,020 mm / Min. axial tilting clearance



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$S_{k \max}$	0,10 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	385000 N / Dynamic load rating (axial)
C_{0a}	1800000 N / Static load rating (axial)
C_r	275000 N / Dynamic load rating (radial) (for radial load only)
C_{0r}	720000 N / Static load rating (radial) (for radial load only)
$n_{G \text{OI}}$	340 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{Fett}}$	170 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{OI}}$	170 1/min / Limiting speed for oil lubrication with preload