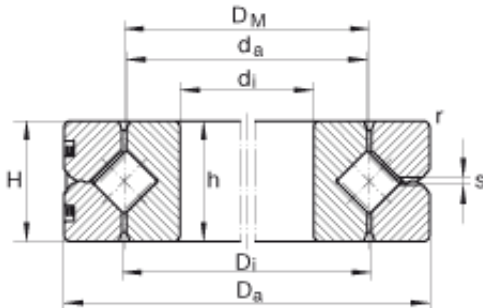




**SX011880 Cross Cylindrical Roller Bearing INA  
Structure**

Bearing No. SX011880



SX011880 Bearing 2D drawings and 3D CAD models

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