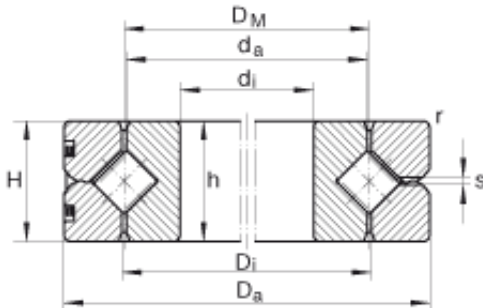




# EO Bearing Imp&Exp .co.,ltd

## 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