



SX011860 Cross Cylindrical Roller Bearing INA  
Structure



Bearing No. SX011860

SX011860 Bearing 2D drawings and 3D CAD models

Size	300x380x38 mm
Bore Diameter	300 mm
Outer Diameter	380 mm
Width	38 mm
$d_i$ - 300 mm / Tolerance: K6 +0,005 / -0,027	300 mm / Tolerance: K6 +0,005 / 0,027
$D_a$ - 380 mm / Tolerance: h6 -0,036	380 mm / Tolerance: h6 0,036
H - 38 mm / Tolerance: +/-0,14	38 mm / Tolerance: +/0,14
$D_i$	340,8 mm
$D_M$	340 mm
$d_a$	339,2 mm
h - 38 mm / Tolerance: E8 -0,05	38 mm / Tolerance: E8 0,05
$r_{min}$	2,1 mm
S	2,5 mm
m	12 kg / Weight
	0,020 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
$S_{r min}$	0,010 mm / Min. radial bearing clearance
$S_{r max}$	0,040 mm / Max. radial bearing clearance
$S_{k min}$	0,020 mm / Min. axial tilting clearance



## RAA Bearing Trading Co., Ltd.

$S_{k \max}$	0,08 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
$C_a$	243000 N / Dynamic load rating (axial)
$C_{0a}$	1070000 N / Static load rating (axial)
$C_r$	173000 N / Dynamic load rating (radial) (for radial load only)
$C_{0r}$	425000 N / Static load rating (radial) (for radial load only)
$n_{G \text{ Oil}}$	450 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	225 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ Oil}}$	225 1/min / Limiting speed for oil lubrication with preload
Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	14.37
EAN	4012802458268
Product Group	B00234