



**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



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$S_{k \max}$	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