

SX011860 Cross Cylindrical Roller Bearing INA Structure



SX011860 Bearing 2D drawings and 3D CAD models

Bearing No. SX011860

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)
$n_{G\ OI}$	450 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G\ Fett}$	225 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G\ OI}$	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