



# Bearing Machinery Technology Co., Ltd

## SX011828 Cross Cylindrical Roller Bearing INA Structure



Bearing No. SX011828

SX011828 Bearing 2D drawings and 3D CAD models

Size	140x175x18 mm
Bore Diameter	140 mm
Outer Diameter	175 mm
Width	18 mm
$d_i$ - 140 mm / Tolerance: K6 +0,004 / -0,021	140 mm / Tolerance: K6 +0,004 / 0,021
$D_a$ - 175 mm / Tolerance: h6 -0,025	175 mm / Tolerance: h6 0,025
H - 18 mm / Tolerance: +/-0,12	18 mm / Tolerance: +/-0,12
$D_i$	157,7 mm
$D_M$	157 mm
$d_a$	156,3 mm
h - 18 mm / Tolerance: E8 -0,01	18 mm / Tolerance: E8 0,01
$r_{min}$	1,1 mm
S	1,5 mm
m	1,1 kg / Weight
	0,015 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
$S_{r min}$	0,005 mm / Min. radial bearing clearance
$S_{r max}$	0,020 mm / Max. radial bearing clearance
$S_{k min}$	0,010 mm / Min. axial tilting clearance



## Bearing Machinery Technology Co., Ltd

$S_{k \max}$	0,04 mm / Max. axial tilting clearance
$RLO_{\max}$	0,004 mm / Low clearance: Radial clearance
$RLO_{\max}$	0,008 mm / Low clearance: Preload
$VSP_{\min}$	0,005 mm / Min. bearing preload
$VSP_{\max}$	0,020 mm / Max. bearing preload
$C_a$	63000 N / Dynamic load rating (axial)
$C_{0a}$	240000 N / Static load rating (axial)
$C_r$	45000 N / Dynamic load rating (radial) (for radial load only)
$C_{0r}$	96000 N / Static load rating (radial) (for radial load only)
$n_{G \text{ Oil}}$	975 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	485 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ Oil}}$	485 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	1.432
EAN	4012802440621
Product Group	B00234