



TFI Bearing 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



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$S_{k \max}$	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