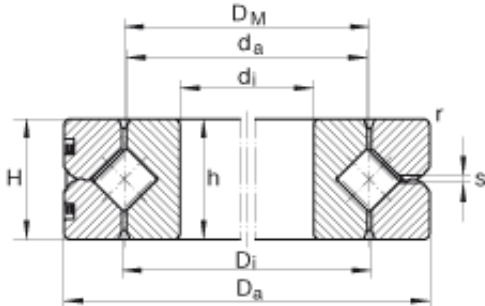




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SX011824 Cross Cylindrical Roller Bearing INA Structure



Bearing No. SX011824

SX011824 Bearing 2D drawings and 3D CAD models

Size	120x150x16 mm
Bore Diameter	120 mm
Outer Diameter	150 mm
Width	16 mm
d_i - 120 mm / Tolerance: K6+0,004 / -0,018	120 mm / Tolerance: K6+0,004 / 0,018
D_a - 150 mm / Tolerance: h6 -0,025	150 mm / Tolerance: h6 0,025
H - 16 mm / Tolerance: +/-0,12	16 mm / Tolerance: +/-0,12
D_i	135,6 mm
D_M	135 mm
d_a	134,4 mm
h - 16 mm / Tolerance: E8 -0,01	16 mm / Tolerance: E8 0,01
r_{min}	1 mm
S	1,5 mm
m	0,8 kg / Weight
	0,010 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	38000 N / Dynamic load rating (axial)
C_{0a}	146000 N / Static load rating (axial)
C_r	27000 N / Dynamic load rating (radial) (for radial load only)
C_{0r}	59000 N / Static load rating (radial) (for radial load only)
$n_{G \text{OI}}$	1130 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{Fett}}$	565 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{OI}}$	565 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	0.958
EAN	4012802142334
Product Group	B00234