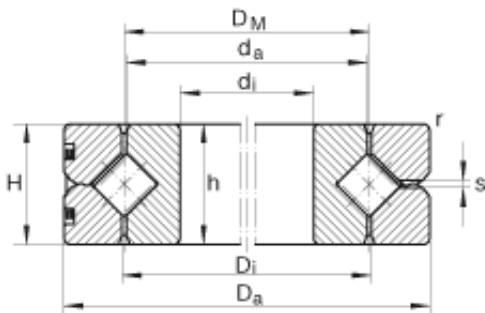


### Bearing No. SX011824



Size	120x150x16 mm
Bore Diameter	120 mm
Outer Diameter	150 mm
Width	16 mm
d <sub>i</sub> - 120 mm / Tolerance: K6+0,004 / -0,018	120 mm / Tolerance: K6+0,004 / 0,018
D <sub>a</sub> - 150 mm / Tolerance: h6 -0,025	150 mm / Tolerance: h6 0,025
H - 16 mm / Tolerance: +/-0,12	16 mm / Tolerance: +0,12
D <sub>i</sub>	135,6 mm
D <sub>M</sub>	135 mm
d <sub>a</sub>	134,4 mm
h - 16 mm / Tolerance: E8 -0,01	16 mm / Tolerance: E8 0,01
r <sub>min</sub>	1 mm
S	1,5 mm
m	0,8 kg / Weight
	0,010 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
S <sub>r min</sub>	0,005 mm / Min. radial bearing clearance
S <sub>r max</sub>	0,020 mm / Max. radial bearing clearance
S <sub>k min</sub>	0,010 mm / Min. axial tilting clearance
S <sub>k max</sub>	0,04 mm / Max. axial tilting clearance
RLO <sub>max</sub>	0,004 mm / Low clearance: Radial clearance

## INA SX011824 Complex Bearings

$RLO_{max}$	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)
$n_{G\ Oil}$	1130 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G\ Fett}$	565 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G\ Oil}$	565 1/min / Limiting speed for oil lubrication with preload
Category	Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.958
EAN	4012802142334
Product Group - BDI	B00234