

SX0118/500 INA sk min 0.030 mm / Min. axial tilting clearance 500x620x56mm Complex bearings

Bearing number	SX0118/500
Size (mm)	500x620x56
Brand	INA
Bore Diameter (mm)	500
Outer Diameter (mm)	620
Width (mm)	56
$d_i - 500 \text{ mm} /$ Tolerance: K6 +0,008 / -0,032	500 mm / Tolerance: K6 +0.008 / 0.032
$D_a - 620 \text{ mm} /$ Tolerance: h6 -0,044	620 mm / Tolerance: h6 0.044
H – 56 mm / Tolerance: +/-0,16	56 mm / Tolerance: +/-0.16
D_i	561.2 mm
D_M	560 mm
d_a	558.8 mm
h – 56 mm / Tolerance: E8 -0,05	56 mm / Tolerance: E8 0.05
r_{min}	3 mm
S	2.5 mm
m	44 kg / Weight
	0.040 mm / Running accuracy. radial

	0.010 mm / Running accuracy. axial
$S_{r \min}$	0.015 mm / Min. radial bearing clearance
$S_{r \max}$	0.060 mm / Max. radial bearing clearance
$S_{k \min}$	0.030 mm / Min. axial tilting clearance
$S_{k \max}$	0.12 mm / Max. axial tilting clearance
RLO_{\max}	0.006 mm / Low clearance: Radial clearance
RLO_{\max}	0.012 mm / Low clearance: Preload
VSP_{\min}	0.005 mm / Min. bearing preload
VSP_{\max}	0.030 mm / Max. bearing preload
C_a	560000 N / Dynamic load rating (axial)
$C_{\theta a}$	2750000 N / Static load rating (axial)
C_r	395000 N / Dynamic load rating (radial)(for radial load only)
$C_{\theta r}$	1100000 N / Static load rating (radial)(for radial load only)
$n_{G \text{ oil}}$	275 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{ Fett}}$	135 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{ oil}}$	135 1/min / Limiting speed for oil lubrication with preload
Category	Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	42.9

EAN	4047643324779
Product Group – BDI	B00234