

# 234424-M-SP FAG 120x180x72mm

## Ca 101000 N / Dynamic load rating (axial) Thrust ball bearings

Bearing number	234424-M-SP
Size (mm)	120x180x72
Brand	FAG
Bore Diameter (mm)	120
Outer Diameter (mm)	180
Width (mm)	72
d	120 mm
D	180 mm
B	72 mm
B <sub>1</sub>	18 mm
C	36 mm
D <sub>a</sub>	170 mm / Tolerance: H12
d <sub>1</sub>	160 mm
d <sub>a</sub>	144.5 mm / Tolerance: h12
d <sub>s</sub>	4.8 mm
n <sub>s</sub>	9.5 mm
r <sub>1 min</sub>	0.6 mm
r <sub>a max</sub>	2 mm
r <sub>a1 max</sub>	0.6 mm
r <sub>min</sub>	2 mm
α	60 ° / Angle

m	4.72 kg / Weight
$C_a$	101000 N / Dynamic load rating (axial)
$C_{0a}$	345000 N / Static load rating (axial)
$n_{G \text{ Fett}}$	3200 1/min / Limiting speed for grease lubrication
$n_{G \text{ Öl}}$	4300 1/min / Limiting speed for minimal quantity oil lubrication