

# 234436-M-SP FAG 180x280x120mm m 20.5 kg / Weight Thrust ball bearings

Bearing number	234436-M-SP
Size (mm)	180x280x120
Brand	FAG
Bore Diameter (mm)	180
Outer Diameter (mm)	280
Width (mm)	120
d	180 mm
D	280 mm
B	120 mm
B <sub>1</sub>	30 mm
C	60 mm
D <sub>a</sub>	263 mm / Tolerance: H12
d <sub>1</sub>	248 mm
d <sub>a</sub>	221 mm / Tolerance: h12
d <sub>s</sub>	8 mm
n <sub>s</sub>	15 mm
r <sub>1 min</sub>	0.6 mm
r <sub>a max</sub>	2.1 mm
r <sub>a1 max</sub>	0.6 mm
r <sub>min</sub>	2.1 mm
α	60 ° / Angle
m	20.5 kg / Weight

$C_a$	235000 N / Dynamic load rating (axial)
$C_{0a}$	840000 N / Static load rating (axial)
$n_{G\text{ Fett}}$	2000 1/min / Limiting speed for grease lubrication
$n_{G\text{ Öl}}$	3000 1/min / Limiting speed for minimal quantity oil lubrication