

# 234716-M-SP FAG 83x125x54mm Ca 56000 N / Dynamic load rating (axial) Thrust ball bearings

Bearing number	234716-M-SP
Size (mm)	83x125x54
Brand	FAG
Bore Diameter (mm)	83
Outer Diameter (mm)	125
Width (mm)	54
d	83 mm
D	125 mm
B	54 mm
B <sub>1</sub>	13.5 mm
C	27 mm
D <sub>a</sub>	117 mm / Tolerance: H12
d <sub>1</sub>	110 mm
d <sub>a</sub>	98.5 mm / Tolerance: h12
d <sub>s</sub>	3.2 mm
n <sub>s</sub>	6.5 mm
r <sub>1 min</sub>	0.3 mm
r <sub>a max</sub>	1 mm
r <sub>a1 max</sub>	0.3 mm
r <sub>min</sub>	1.1 mm
α	60 ° / Angle

$m$	1.69 kg / Weight
$C_a$	56000 N / Dynamic load rating (axial)
$C_{0a}$	175000 N / Static load rating (axial)
$n_{G \text{ Fett}}$	4500 1/min / Limiting speed for grease lubrication
$n_{G \text{ Öl}}$	6000 1/min / Limiting speed for minimal quantity oil lubrication