

1210-K-TVH-C3 FAG 50x90x20mm r_{min} 1.1 mm Self aligning ball bearings

Bearing number	1210-K-TVH-C3
Size (mm)	50x90x20
Brand	FAG
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	20
d	50 mm
D	90 mm
B	20 mm
D ₁	77.6 mm
D _{a max}	83 mm
d ₁	62.7 mm
d _{a min}	57 mm
r _{a max}	1 mm
r _{min}	1.1 mm
m	0.516 kg / Weight
C _r	22900 N / Dynamic load rating (radial)
e	0.2
Y ₁	3.17
Y ₂	4.9
C _{0r}	8000 N / Static load rating (radial)
Y ₀	3.32

n_G	8500 1/min / Limiting speed
n_B	10500 1/min / Reference speed
C_{ur}	500 N / Fatigue limit load. radial