

22210-E1 FAG 50x90x23mm r_{min} 1.1 mm Spherical roller bearings

Bearing number	22210-E1
Size (mm)	50x90x23
Brand	FAG
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	23
d	50 mm
D	90 mm
B	23 mm
D ₁	80.8 mm
D _{a max}	83 mm
d ₂	59.9 mm
d _{a min}	57 mm
d _s	3.2 mm
n _s	4.8 mm
r _{a max}	1 mm
r _{min}	1.1 mm
m	0.606 kg / Weight
C _r	109000 N / Dynamic load rating (radial)
e	0.23
Y ₁	2.95
Y ₂	4.4

C_{0r}	107000 N / Static load rating (radial)
Y_0	2.89
n_G	9800 1/min / Limiting speed
n_B	5300 1/min
C_{ur}	14300 N / Fatigue limit load. radial