

22218-E1-K FAG 90x160x40mm Y2

4.31 Spherical roller bearings

Bearing number	22218-E1-K
Size (mm)	90x160x40
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Width (mm)	40
d	90 mm
D	160 mm
B	40 mm
D ₁	143.9 mm
D _{a max}	149 mm
d ₂	106.1 mm
d _{a min}	101 mm
d _s	3.2 mm
n _s	6.5 mm
r _{a max}	2 mm
r _{min}	2 mm
m	3.35 kg / Weight
C _r	345000 N / Dynamic load rating (radial)
e	0.23
Y ₁	2.9
Y ₂	4.31

C_{0r}	375000 N / Static load rating (radial)
Y_0	2.83
n_G	5200 1/min / Limiting speed
n_B	3500 1/min
C_{ur}	42500 N / Fatigue limit load. radial