

22218-E1 FAG 90x160x40mm Y2

4.31 Spherical roller bearings

Bearing number	22218-E1
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	3.42 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