

22205-E1-K FAG nB 9600 1/min 25x52x18mm Spherical roller bearings

Bearing number	22205-E1-K
Size (mm)	25x52x18
Brand	FAG
Bore Diameter (mm)	25
Outer Diameter (mm)	52
Width (mm)	18
d	25 mm
D	52 mm
B	18 mm
D_1	44.4 mm
$D_{a \max}$	46.4 mm
d_2	31.5 mm
$d_{a \min}$	30.6 mm
d_s	3.2 mm
n_s	4.8 mm
$r_{a \max}$	1 mm
r_{\min}	1 mm
m	0.175 kg / Weight
C_r	48500 N / Dynamic load rating (radial)
e	0.33
Y_1	2.07
Y_2	3.09

C_{0r}	42500 N / Static load rating (radial)
Y_0	2.03
n_G	14400 1/min / Limiting speed
n_B	9600 1/min
C_{ur}	4800 N / Fatigue limit load. radial