

# 22211-E1-K FAG Cur 17300 N / Fatigue limit load. radial 55x100x25mm Spherical roller bearings

Bearing number	22211-E1-K
Size (mm)	55x100x25
Brand	FAG
Bore Diameter (mm)	55
Outer Diameter (mm)	100
Width (mm)	25
d	55 mm
D	100 mm
B	25 mm
$D_1$	89.8 mm
$D_{a \max}$	91 mm
$d_2$	67.6 mm
$d_{a \min}$	64 mm
$d_s$	3.2 mm
$n_s$	4.8 mm
$r_{a \max}$	1.5 mm
$r_{\min}$	1.5 mm
m	0.825 kg / Weight
$C_r$	129000 N / Dynamic load rating (radial)
e	0.21
$Y_1$	3.17

$Y_2$	4.72
$C_{0r}$	130000 N / Static load rating (radial)
$Y_0$	3.1
$n_G$	9000 1/min / Limiting speed
$n_B$	4950 1/min
$C_{ur}$	17300 N / Fatigue limit load. radial