

# 22217-E1-K FAG nG 5700 1/min / Limiting speed 85x150x36mm Spherical roller bearings

Bearing number	22217-E1-K
Size (mm)	85x150x36
Brand	FAG
Bore Diameter (mm)	85
Outer Diameter (mm)	150
Width (mm)	36
d	85 mm
D	150 mm
B	36 mm
$D_1$	135.4 mm
$D_{a \max}$	139 mm
$d_2$	99.7 mm
$d_{a \min}$	96 mm
$d_s$	3.2 mm
$n_s$	6.5 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
m	2.59 kg / Weight
$C_r$	305000 N / Dynamic load rating (radial)
e	0.22
$Y_1$	3.04
$Y_2$	4.53

$C_{0r}$	325000 N / Static load rating (radial)
$Y_0$	2.97
$n_G$	5700 1/min / Limiting speed
$n_B$	3550 1/min
$C_{ur}$	38000 N / Fatigue limit load. radial