

22217-E1 FAG 85x150x36mm Y1

3.04 Spherical roller bearings

Bearing number	22217-E1
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	2.65 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