

22209-E1 FAG 45x85x23mm Cur 12700 N / Fatigue limit load. radial Spherical roller bearings

Bearing number	22209-E1
Size (mm)	45x85x23
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	23
d	45 mm
D	85 mm
B	23 mm
D_1	75.6 mm
$D_{a \max}$	78 mm
d_2	55 mm
$d_{a \min}$	52 mm
d_s	3.2 mm
n_s	4.8 mm
$r_{a \max}$	1 mm
r_{\min}	1.1 mm
m	0.589 kg / Weight
C_r	104000 N / Dynamic load rating (radial)
e	0.25
Y_1	2.74

Y_2	4.08
C_{0r}	99000 N / Static load rating (radial)
Y_0	2.68
n_G	10100 1/min / Limiting speed
n_B	5800 1/min
C_{ur}	12700 N / Fatigue limit load. radial