

22210-E1-K FAG Y1 2.95 50x90x23mm Spherical roller bearings

Bearing number	22210-E1-K
Size (mm)	50x90x23
Brand	FAG
Bore Diameter (mm)	50
Outer Diameter (mm)	90
Width (mm)	23
d	50 mm
D	90 mm
B	23 mm
D_1	80.8 mm
$D_{a \max}$	83 mm
d_2	59.9 mm
$d_{a \min}$	57 mm
d_s	3.2 mm
n_s	4.8 mm
$r_{a \max}$	1 mm
r_{\min}	1.1 mm
m	0.608 kg / Weight
C_r	109000 N / Dynamic load rating (radial)
e	0.23
Y_1	2.95
Y_2	4.4

C_{0r}	107000 N / Static load rating (radial)
Y_0	2.89
n_G	9800 1/min / Limiting speed
n_B	5300 1/min
C_{ur}	14300 N / Fatigue limit load. radial