

# 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