

# 22207-E1 FAG e 0.31 35x72x23mm Spherical roller bearings

Bearing number	22207-E1
Size (mm)	35x72x23
Brand	FAG
Bore Diameter (mm)	35
Outer Diameter (mm)	72
Width (mm)	23
d	35 mm
D	72 mm
B	23 mm
D <sub>1</sub>	62.5 mm
D <sub>a max</sub>	65 mm
d <sub>2</sub>	43.9 mm
d <sub>a min</sub>	42 mm
d <sub>s</sub>	3.2 mm
n <sub>s</sub>	4.8 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1.1 mm
m	0.434 kg / Weight
C <sub>r</sub>	89000 N / Dynamic load rating (radial)
e	0.31
Y <sub>1</sub>	2.21
Y <sub>2</sub>	3.29

$C_{0r}$	81000 N / Static load rating (radial)
$Y_0$	2.16
$n_G$	10700 1/min / Limiting speed
$n_B$	7300 1/min
$C_{ur}$	9400 N / Fatigue limit load. radial