

# WS22209 - E1 - 2RSR

# FAG

## 45x85x28mm

## Cur

## 12700

## N

# Spherical roller bearings

Bearing number	WS22209-E1-2RSR
Size (mm)	45x85x28
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	28
d	45 mm
D	85 mm
B	28 mm
D <sub>1</sub>	77.8 mm
D <sub>a max</sub>	78 mm
d <sub>2</sub>	51.4 mm
d <sub>a min</sub>	51.4 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	0.67 kg / Weight
C <sub>r</sub>	104000 N / Dynamic load rating (radial)
e	0.25
Y <sub>1</sub>	2.74
Y <sub>2</sub>	4.08

$C_{0r}$	99000 N / Static load rating (radial)
$Y_0$	2.68
$n_G$	2530 1/min / Limiting speed
$C_{ur}$	12700 N