

# WS22220-E1-2RSR

# FAG

## 100x180x55mm e 0.24 Spherical roller bearings

Bearing number	WS22220-E1-2RSR
Size (mm)	100x180x55
Brand	FAG
Bore Diameter (mm)	100
Outer Diameter (mm)	180
Width (mm)	55
d	100 mm
D	180 mm
B	55 mm
D <sub>1</sub>	169.1 mm
D <sub>a max</sub>	169.1 mm
d <sub>2</sub>	115 mm
d <sub>a min</sub>	112 mm
d <sub>s</sub>	4.8 mm
n <sub>s</sub>	9.5 mm
r <sub>a max</sub>	2.1 mm
r <sub>min</sub>	2.1 mm
m	6.3 kg / Weight
C <sub>r</sub>	430000 N / Dynamic load rating (radial)
e	0.24
Y <sub>1</sub>	2.84
Y <sub>2</sub>	4.23

$C_{0r}$	475000 N / Static load rating (radial)
$Y_0$	2.78
$n_G$	1140 1/min / Limiting speed
$C_{ur}$	52000 N