

# WS22211-E1-2RSR FAG Y2 4.72

## 55x100x31mm Spherical roller bearings

Bearing number	WS22211-E1-2RSR
Size (mm)	55x100x31
Brand	FAG
Bore Diameter (mm)	55
Outer Diameter (mm)	100
Width (mm)	31
d	55 mm
D	100 mm
B	31 mm
$D_1$	91.9 mm
$D_{a \max}$	91.9 mm
$d_2$	63.5 mm
$d_{a \min}$	63.5 mm
$d_s$	3.2 mm
$n_s$	4.8 mm
$r_{a \max}$	1.5 mm
$r_{\min}$	1.5 mm
m	1.1 kg / Weight
$C_r$	129000 N / Dynamic load rating (radial)
e	0.21
$Y_1$	3.17
$Y_2$	4.72

$C_{0r}$	130000 N / Static load rating (radial)
$Y_0$	3.1
$n_G$	2250 1/min / Limiting speed
$C_{ur}$	17300 N