

# WS22311-E1-2RSR FAG Y2 2.81 55x120x49mm Spherical roller bearings

Bearing number	WS22311-E1-2RSR
Size (mm)	55x120x49
Brand	FAG
Bore Diameter (mm)	55
Outer Diameter (mm)	120
Width (mm)	49
$d$	55 mm
$D$	120 mm
$B$	49 mm
$D_1$	104.1 mm
$D_{a \max}$	109 mm
$d_2$	64.8 mm
$d_{a \min}$	64.8 mm
$d_s$	3.2 mm
$n_s$	6.5 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
$m$	2.9 kg / Weight
$C_r$	265000 N / Dynamic load rating (radial)
$e$	0.36
$Y_1$	1.89
$Y_2$	2.81

$C_{0r}$	260000 N / Static load rating (radial)
$Y_0$	1.84
$n_G$	1450 1/min / Limiting speed
$C_{ur}$	23900 N