

21311-E1 FAG Y1 2.98

55x120x29mm Spherical roller bearings

Bearing number	21311-E1
Size (mm)	55x120x29
Brand	FAG
Bore Diameter (mm)	55
Outer Diameter (mm)	120
Width (mm)	29
d	55 mm
D	120 mm
B	29 mm
D_1	98.3 mm
$D_{a \max}$	109 mm
d_2	71.6 mm
$d_{a \min}$	66 mm
d_s	3.2 mm
n_s	6.5 mm
$r_{a \max}$	2 mm
r_{\min}	2 mm
m	1.28 kg / Weight
C_r	160000 N / Dynamic load rating (radial)
e	0.23
Y_1	2.98
Y_2	4.44

C_{0r}	155000 N / Static load rating (radial)
Y_0	2.92
n_G	8100 1/min / Limiting speed
n_B	5000 1/min
C_{ur}	20200 N / Fatigue limit load. radial