

# 1211-TVH FAG e 0.19 55x100x21mm Self aligning ball bearings

Bearing number	1211-TVH
Size (mm)	55x100x21
Brand	FAG
Bore Diameter (mm)	55
Outer Diameter (mm)	100
Width (mm)	21
d	55 mm
D	100 mm
B	21 mm
$D_1$	86.9 mm
$D_{a \max}$	91 mm
$d_1$	69.5 mm
$d_{a \min}$	64 mm
$r_{a \max}$	1.5 mm
$r_{\min}$	1.5 mm
m	0.693 kg / Weight
$C_r$	27000 N / Dynamic load rating (radial)
e	0.19
$Y_1$	3.31
$Y_2$	5.12
$C_{0r}$	9900 N / Static load rating (radial)
$Y_0$	3.47

$n_G$	7500 1/min / Limiting speed
$n_B$	9300 1/min / Reference speed
$C_{ur}$	620 N / Fatigue limit load. radial