

# 3218 FAG 90x160x52.4mm ra max 2 mm Angular contact ball bearings

Bearing number	3218
Size (mm)	90x160x52.4
Brand	FAG
Bore Diameter (mm)	90
Outer Diameter (mm)	160
Width (mm)	52.4
d	90 mm
D	160 mm
B	52.4 mm
a	113 mm
$D_1$	143.7 mm
$D_{a \max}$	146 mm
$d_1$	115.6 mm
$d_{a \min}$	104 mm
$r_{a \max}$	2 mm
$r_{\min}$	2 mm
$\alpha$	35 ° / Angle
m	4.22 kg / Weight
$C_r$	139000 N / Dynamic load rating (radial)
$C_{0r}$	169000 N / Static load rating (radial)
$n_G$	4350 1/min / Limiting speed
$n_B$	4550 1/min / Reference speed

$C_{ur}$

7800 N / Fatigue limit load. radial