

# 3207-BD FAG 35x72x27mm nB 9900 1/min / Reference speed Angular contact ball bearings

Bearing number	3207-BD
Size (mm)	35x72x27
Brand	FAG
Bore Diameter (mm)	35
Outer Diameter (mm)	72
Width (mm)	27
d	35 mm
D	72 mm
B	27 mm
a	42.5 mm
$D_1$	62.4 mm
$D_{a \max}$	65 mm
$d_1$	49.1 mm
$d_{a \min}$	42 mm
$r_{a \max}$	1 mm
$r_{\min}$	1.1 mm
$\alpha$	30 ° / Angle
m	0.44 kg / Weight
$C_r$	41000 N / Dynamic load rating (radial)
$C_{0r}$	30000 N / Static load rating (radial)
$C_{ur}$	2030 N / Fatigue limit load. radial
$n_G$	10100 1/min / Limiting speed

$n_B$	9900 1/min / Reference speed
-------	------------------------------