

# 1307-K-TVH-C3 FAG r<sub>min</sub> 1.5 mm 35x80x21mm Self aligning ball bearings

Bearing number	1307-K-TVH-C3
Size (mm)	35x80x21
Brand	FAG
Bore Diameter (mm)	35
Outer Diameter (mm)	80
Width (mm)	21
d	35 mm
D	80 mm
B	21 mm
D <sub>1</sub>	67.5 mm
D <sub>a max</sub>	71 mm
d <sub>1</sub>	51.3 mm
d <sub>a min</sub>	44 mm
r <sub>a max</sub>	1.5 mm
r <sub>min</sub>	1.5 mm
m	0.5 kg / Weight
C <sub>r</sub>	25500 N / Dynamic load rating (radial)
e	0.26
Y <sub>1</sub>	2.47
Y <sub>2</sub>	3.82
C <sub>0r</sub>	7800 N / Static load rating (radial)
Y <sub>0</sub>	2.59

$n_G$	9500 1/min / Limiting speed
$n_B$	10900 1/min / Reference speed
$C_{ur}$	485 N / Fatigue limit load. radial