

# 2307-TVH FAG Cur 690 N / Fatigue limit load. radial 35x80x31mm Self aligning ball bearings

Bearing number	2307-TVH
Size (mm)	35x80x31
Brand	FAG
Bore Diameter (mm)	35
Outer Diameter (mm)	80
Width (mm)	31
d	35 mm
D	80 mm
B	31 mm
D <sub>1</sub>	66.8 mm
D <sub>a max</sub>	71 mm
d <sub>1</sub>	46.9 mm
d <sub>a min</sub>	44 mm
r <sub>a max</sub>	1.5 mm
r <sub>min</sub>	1.5 mm
m	0.975 kg / Weight
C <sub>r</sub>	40500 N / Dynamic load rating (radial)
e	0.47
Y <sub>1</sub>	1.35
Y <sub>2</sub>	2.1
C <sub>0r</sub>	11100 N / Static load rating (radial)

$Y_{\theta}$	1.42
$n_G$	9000 1/min / Limiting speed
$n_B$	11600 1/min / Reference speed
$C_{ur}$	690 N / Fatigue limit load. radial