

# 2306-TVH FAG Y1 1.4

## 30x72x27mm Self aligning ball bearings

Bearing number	2306-TVH
Size (mm)	30x72x27
Brand	FAG
Bore Diameter (mm)	30
Outer Diameter (mm)	72
Width (mm)	27
d	30 mm
D	72 mm
B	27 mm
D <sub>1</sub>	59.3 mm
D <sub>a max</sub>	65 mm
d <sub>1</sub>	41.5 mm
d <sub>a min</sub>	37 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1.1 mm
m	0.488 kg / Weight
C <sub>r</sub>	32500 N / Dynamic load rating (radial)
e	0.45
Y <sub>1</sub>	1.4
Y <sub>2</sub>	2.17
C <sub>0r</sub>	8700 N / Static load rating (radial)
Y <sub>0</sub>	1.47

$n_G$	10000 1/min / Limiting speed
$n_B$	12300 1/min / Reference speed
$C_{ur}$	540 N / Fatigue limit load. radial