

# 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
$D_1$	59.3 mm
$D_{a \max}$	65 mm
$d_1$	41.5 mm
$d_{a \min}$	37 mm
$r_{a \max}$	1 mm
$r_{\min}$	1.1 mm
m	0.488 kg / Weight
$C_r$	32500 N / Dynamic load rating (radial)
e	0.45
$Y_1$	1.4
$Y_2$	2.17
$C_{0r}$	8700 N / Static load rating (radial)
$Y_0$	1.47

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