

# 1203-TVH FAG Y2 2.99 17x40x12mm Self aligning ball bearings

Bearing number	1203-TVH
Size (mm)	17x40x12
Brand	FAG
Bore Diameter (mm)	17
Outer Diameter (mm)	40
Width (mm)	12
d	17 mm
D	40 mm
B	12 mm
$D_1$	32.3 mm
$D_{a \max}$	35.8 mm
$d_1$	23.7 mm
$d_{a \min}$	21.2 mm
$r_{a \max}$	0.6 mm
$r_{\min}$	0.6 mm
m	0.073 kg / Weight
$C_r$	8100 N / Dynamic load rating (radial)
e	0.33
$Y_1$	1.93
$Y_2$	2.99
$C_{0r}$	2000 N / Static load rating (radial)
$Y_0$	2.03

$n_G$	22000 1/min / Limiting speed
$n_B$	23600 1/min / Reference speed
$C_{ur}$	124 N / Fatigue limit load. radial