

# 2303-TVH FAG 17x47x19mm m 0.155 kg / Weight Self aligning ball bearings

Bearing number	2303-TVH
Size (mm)	17x47x19
Brand	FAG
Bore Diameter (mm)	17
Outer Diameter (mm)	47
Width (mm)	19
d	17 mm
D	47 mm
B	19 mm
$D_1$	37.3 mm
$D_{a \max}$	41.4 mm
$d_1$	26.2 mm
$d_{a \min}$	22.6 mm
$r_{a \max}$	1 mm
$r_{\min}$	1 mm
m	0.155 kg / Weight
$C_r$	13900 N / Dynamic load rating (radial)
e	0.53
$Y_1$	1.19
$Y_2$	1.85
$C_{0r}$	3150 N / Static load rating (radial)
$Y_0$	1.25

$n_G$	17000 1/min / Limiting speed
$n_B$	17700 1/min / Reference speed
$C_{ur}$	197 N / Fatigue limit load. radial