

# 2204-TVH FAG 20x47x18mm e 0.44 Self aligning ball bearings

Bearing number	2204-TVH
Size (mm)	20x47x18
Brand	FAG
Bore Diameter (mm)	20
Outer Diameter (mm)	47
Width (mm)	18
d	20 mm
D	47 mm
B	18 mm
$D_1$	39.5 mm
$D_{a \max}$	41.4 mm
$d_1$	28 mm
$d_{a \min}$	25.6 mm
$r_{a \max}$	1 mm
$r_{\min}$	1 mm
m	0.134 kg / Weight
$C_r$	14700 N / Dynamic load rating (radial)
e	0.44
$Y_1$	1.45
$Y_2$	2.24
$C_{0r}$	3500 N / Static load rating (radial)
$Y_0$	1.51

$n_G$	17000 1/min / Limiting speed
$n_B$	17400 1/min / Reference speed
$C_{ur}$	219 N / Fatigue limit load. radial