

# 3004-B-TVH FAG $r_{min}$ 0.6 mm 20x42x16mm Angular contact ball bearings

Bearing number	3004-B-TVH
Size (mm)	20x42x16
Brand	FAG
Bore Diameter (mm)	20
Outer Diameter (mm)	42
Width (mm)	16
d	20 mm
D	42 mm
B	16 mm
a	19.1 mm
$D_{a\ max}$	38.8 mm
$d_1$	25.2 mm
$d_{a\ min}$	23.2 mm
$r_{a\ max}$	0.6 mm
$r_{min}$	0.6 mm
$\beta$	25 ° / Angle
m	0.08 kg / Weight
$C_r$	14500 N / Dynamic load rating (radial)
$C_{0r}$	9600 N / Static load rating (radial)
$C_{ur}$	485 N / radial Fatigue limit load
$n_G$	13500 1/min / Limiting speed