

# 2302-TVH FAG $r_{min}$ 1 mm 15x42x17mm Self aligning ball bearings

Bearing number	2302-TVH
Size (mm)	15x42x17
Brand	FAG
Bore Diameter (mm)	15
Outer Diameter (mm)	42
Width (mm)	17
$d$	15 mm
$D$	42 mm
$B$	17 mm
$D_1$	34.8 mm
$D_{a\ max}$	36.4 mm
$d_1$	22.5 mm
$d_{a\ min}$	20.6 mm
$r_{a\ max}$	1 mm
$r_{min}$	1 mm
$m$	0.111 kg / Weight
$C_r$	17000 N / Dynamic load rating (radial)
$e$	0.51
$Y_1$	1.23
$Y_2$	1.91
$C_{0r}$	3700 N / Static load rating (radial)
$Y_0$	1.29

$n_G$	18000 1/min / Limiting speed
$n_B$	18600 1/min / Reference speed
$C_{ur}$	232 N / Fatigue limit load. radial