

# 2303-2RS-TVH FAG B 19 mm 17x47x19mm Self aligning ball bearings

Bearing number	2303-2RS-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 <sub>2</sub>	40.3 mm
D <sub>a max</sub>	41.4 mm
d <sub>2</sub>	23.9 mm
d <sub>a min</sub>	22.6 mm
r <sub>a max</sub>	1 mm
r <sub>min</sub>	1 mm
m	0.175 kg / Weight
C <sub>r</sub>	12900 N / Dynamic load rating (radial)
e	0.32
Y <sub>1</sub>	1.94
Y <sub>2</sub>	3
C <sub>0r</sub>	3150 N / Static load rating (radial)
Y <sub>0</sub>	2.03

$n_G$	11000 1/min / Limiting speed
$n_B$	1/min / Reference speed
$C_{ur}$	197 N / Fatigue limit load. radial