

# 511/500-MP FAG ra max. 2.1 mm 500x600x80mm Thrust ball bearings

Bearing number	511/500-MP
Size (mm)	500x600x80
Brand	FAG
Bore Diameter (mm)	500
Outer Diameter (mm)	600
Width (mm)	80
d	500 mm
D	600 mm
T	80 mm
$D_1$	505 mm
$D_{a \max}$	540 mm
$d_1$	595 mm
$d_{a \min}$	560 mm
$r_{a \max}$	2.1 mm
$r_{\min}$	2.1 mm
m	44.9 kg / Weight
$C_a$	550000 N / Dynamic load rating (axial)
$C_{0a}$	3350000 N / Static load rating (axial)
A	56 / Factor min. load
$n_G$	830 1/min / Limiting speed

$C_{ua}$	63000 N / Fatigue limit load. axial
Bearing number	511/500-MP
Size (mm)	500x600x80
Brand	FAG
Bore Diameter (mm)	500
Outer Diameter (mm)	600
Width (mm)	80
d	500 mm
D	600 mm
T	80 mm
d1	595 mm
r min.	2.1 mm
D1	505 mm
da min.	560 mm
Da max.	540 mm
ra max.	2.1 mm
Weight	44.9 Kg
Basic dynamic load rating (C)	550 kN
Basic static load rating (C0)	3350 kN
Fatigue load limit (Pu)	63
Limiting speed	750 r/min