

# 294/500 - E - MB

# FAG

## 500x870x224mm ra max 8 mm

## Thrust roller bearings

Bearing number	294/500 - E - MB
Size (mm)	500x870x224
Brand	FAG
Bore Diameter (mm)	500
Outer Diameter (mm)	870
Width (mm)	224
d	500 mm
D	870 mm
T	224 mm
A	290 mm
D <sub>1</sub>	654 mm
D <sub>a max</sub>	765 mm
D <sub>b min</sub>	886 mm
d <sub>1</sub>	790 mm
d <sub>a min</sub>	670 mm
d <sub>b max</sub>	542 mm
r <sub>a max</sub>	8 mm
r <sub>min</sub>	9.5 mm
T <sub>1</sub>	107 mm
T <sub>2</sub>	81 mm
T <sub>3</sub>	142 mm
T <sub>4</sub>	160 mm

m	519.3 kg / Weight
C <sub>a</sub>	9300000 N / Dynamic load rating (axial)
C <sub>0a</sub>	37000000 N / Static load rating (axial)
n <sub>G</sub>	530 1/min / Limiting speed
n <sub>B</sub>	350 1/min / Reference speed
C <sub>ua</sub>	1910000 N / Fatigue limit load. axial