

# Original Extra Light Duty Ball Thrust Ball Bearings 511/500 F single direction 51100 Series

[Thrust bearings](#) are designed to handle axial loads while operating at high speed. Bearings are composed of bearing rings with raceway grooves for the balls. Double direction thrust ball bearings can support axial load in both directions. Neither style can be subjected to radial loads. Available in bore dimension range from 10mm to 560mm.

## Common Options:

- P4-P6-- Better than normal tolerances
- [M-- Machined brass Cage](#)
- TVP-- Polyamide cage

<b>(d) Bore Diameter</b>	600 mm
<b>(D) Outside Diameter</b>	710 mm
<b>(T) Height</b>	85 mm
<b>(C) Dynamic Load</b>	663000 N
<b>(Co) Static Load</b>	4800000 N
<b>(A) Minimum Load Factor</b>	120000
<b>(Grease) Lubrication Speed</b>	380 r/min
<b>(Oil) Lubrication Speed</b>	500 r/min
<b>Mass</b>	65.00 kg

M-- Machined Brass Cage  
P4-P6-- Better than normal tolerances  
TVP-- Polyamide Cage

- [FAQ](#)

1 How many is the MOQ of your company?

Our company MOQ is 1pcs.

2 Could you accept OEM and customize?

YES, OEM is accepted and we can customize for you according to sample or drawing.

3 How about the corner?

In stocks, some are white, and some are black.

But we can process the white corner to black, also black to white.

4 Do you have stocks?

YES, we have most of the bearings in stock in our warehouse, especially big bearings.

5 Do you have only big bearings?

We have big, medium and small bearings in stock. But large bearing is the advantage of our products compared with other companies.