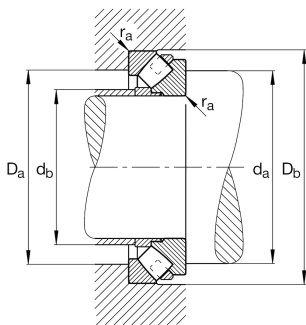
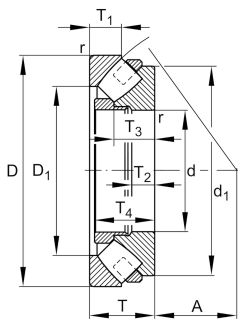


**FAG****294/750-E1-MB**

## Axial spherical roller bearing

Axial spherical roller bearings 294..-E1,  
main dimensions to DIN 728/ISO 104, single  
direction, separable

## Technical information



## Your current product variant

Heat treatment	Standard	Standard
Cage	MB	Solid brass cage
Constricted width and inclination variation	Standard	

## Main Dimensions &amp; Performance Data

d	750 mm	Bore diameter
D	1.280 mm	Outside diameter
T	315 mm	Section height
C <sub>a</sub>	19.000.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	84.000.000 N	Basic static load rating, axial
C <sub>ua</sub>	6.700.000 N	Fatigue load limit, axial
n <sub>G</sub>	455 1/min	Limiting speed
n <sub>gr</sub>	206 1/min	Reference speed
m	1.648,7 kg	Weight

## Mounting dimensions

d <sub>a min</sub>	1.015 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	1.130 mm	Maximum diameter of housing shoulder
D <sub>b min</sub>	1.310 mm	Minimum bore diameter housing
d <sub>b max</sub>	811 mm	Maximum distance sleeve
r <sub>a max</sub>	12 mm	Maximum recess radius











## Dimensions

D <sub>1</sub>	964 mm	Bore diameter housing washer
d <sub>1</sub>	1.180 mm	Rip diameter shaft washer
r <sub>min</sub>	15 mm	Minimum chamfer dimension
T <sub>1</sub>	153 mm	Height of the housing washer
T <sub>2</sub>	121 mm	Height of shaft washer
T <sub>3</sub>	210 mm	Height of the shaft washer
T <sub>4</sub>	305 mm	Height of shaft washer, inc. lip ring
A	436 mm	Distance of the center point

## Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	200 °C	Operating temperature max.

## Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Large bearing
	Static angular error and misalignment
	Dynamic angular error and misalignment