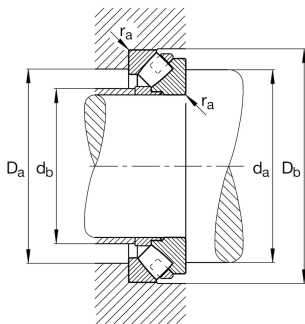


**FAG****29236-E1-MB** [↗](#)

Axial spherical roller bearing

Axial spherical roller bearing 292...E1-MB,  
with flanging ring

## Technical information



## Your current product variant

Heat treatment	Standard	Standard
Cage	MB	Solid brass cage
Locating feature, housing washer	Without	
Handling thread holes	Without	
Constricted width and inclination variation	Standard	
Test certificate	Without	

## Main Dimensions &amp; Performance Data

d	180 mm	Bore diameter
D	250 mm	Outside diameter
T	42 mm	Section height
C <sub>a</sub>	485.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	2.070.000 N	Basic static load rating, axial
C <sub>ua</sub>	255.000 N	Fatigue load limit, axial
n <sub>G</sub>	2.650 1/min	Limiting speed
n <sub>gr</sub>	1.350 1/min	Reference speed
m	6,187 kg	Weight



### Mounting dimensions

$d_{a \min}$	215 mm	Minimum diameter shaft shoulder
$D_{a \max}$	226 mm	Maximum diameter of housing shoulder
$D_{b \min}$	254 mm	Minimum bore diameter housing
$d_{b \max}$	190 mm	Maximum distance sleeve
$r_{a \max}$	1,5 mm	Maximum recess radius








### Dimensions

$D_1$	208 mm	Bore diameter housing washer
$d_1$	235 mm	Rip diameter shaft washer
$r_{\min}$	1,5 mm	Minimum chamfer dimension
$T_1$	22 mm	Height of the housing washer
$T_2$	15 mm	Height of shaft washer
$T_3$	26 mm	Height of the shaft washer
$T_4$	40 mm	Height of shaft washer, inc. lip ring
A	97 mm	Distance of the center point

### Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

### Characteristics

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