

**FAG****292/560-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	560 mm	Bore diameter
D	750 mm	Outside diameter
T	115 mm	Section height
C <sub>a</sub>	3.450.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	18.100.000 N	Basic static load rating, axial
C <sub>ua</sub>	1.710.000 N	Fatigue load limit, axial
n <sub>G</sub>	790 1/min	Limiting speed
n <sub>gr</sub>	440 1/min	Reference speed
≈m	138 kg	Weight



### Mounting dimensions

$d_{a \min}$	655 mm	Minimum diameter shaft shoulder
$D_{a \max}$	697 mm	Maximum diameter of housing shoulder
$D_{b \min}$	762 mm	Minimum bore diameter housing
$d_{b \max}$	587 mm	Maximum distance sleeve
$r_{a \max}$	4 mm	Maximum recess radius

### Dimensions

$D_1$	644 mm	Bore diameter housing washer
$d_1$	715 mm	Rip diameter shaft washer
$r_{\min}$	5 mm	Minimum chamfer dimension
$T_1$	60 mm	Height of the housing washer
$T_2$	41 mm	Height of shaft washer
$T_3$	71 mm	Height of the shaft washer
$T_4$	111 mm	Height of shaft washer, inc. lip ring
A	302 mm	Distance of the center point

### Temperature range

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



### Characteristics

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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