

**FAG****293/600-E1-XL-MB**

Axial spherical roller bearing

Axial spherical roller bearing 293..-E1-XL-MB,  
with flanging ring**X-life**

## 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	600 mm	Bore diameter
D	900 mm	Outside diameter
T	180 mm	Section height
C <sub>a</sub>	8.700.000 N	Basic dynamic load rating, axial
C <sub>0a</sub>	34.000.000 N	Basic static load rating, axial
C <sub>ua</sub>	3.250.000 N	Fatigue load limit, axial
n <sub>G</sub>	660 1/min	Limiting speed
n <sub>gr</sub>	325 1/min	Reference speed
≈m	459 kg	Weight



### Mounting dimensions

$d_{a \min}$	745 mm	Minimum diameter shaft shoulder
$D_{a \max}$	815 mm	Maximum diameter of housing shoulder
$D_{b \min}$	920 mm	Minimum bore diameter housing
$d_{b \max}$	634 mm	Maximum distance sleeve
$r_{a \max}$	6 mm	Maximum recess radius

### Dimensions

$D_1$	720 mm	Bore diameter housing washer
$d_1$	840 mm	Rip diameter shaft washer
$r_{\min}$	7,5 mm	Minimum chamfer dimension
$T_1$	89 mm	Height of the housing washer
$T_2$	65 mm	Height of shaft washer
$T_3$	113,5 mm	Height of the shaft washer
$T_4$	174 mm	Height of shaft washer, inc. lip ring
A	335 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