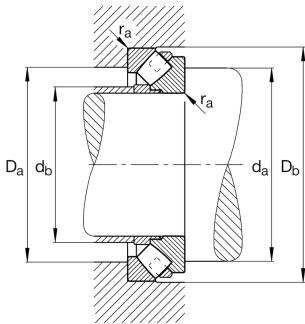
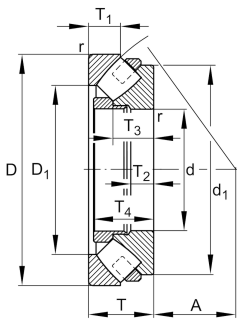


**FAG****29472-E1-XL-MB**

Axial spherical roller bearing

Axial spherical roller bearing 294..-E1-XL-MB,
with flanging ring**X-life**

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 & Performance Data

d	360 mm	Bore diameter
D	640 mm	Outside diameter
T	170 mm	Section height
C_a	6.800.000 N	Basic dynamic load rating, axial
C_{0a}	21.900.000 N	Basic static load rating, axial
C_{ua}	2.060.000 N	Fatigue load limit, axial
n_G	970 1/min	Limiting speed
n_{gr}	470 1/min	Reference speed
$\approx m$	230,12 kg	Weight



Mounting dimensions

$d_{a \min}$	500 mm	Minimum diameter shaft shoulder
$D_{a \max}$	560 mm	Maximum diameter of housing shoulder
$D_{b \min}$	650 mm	Minimum bore diameter housing
$d_{b \max}$	388 mm	Maximum distance sleeve
$r_{a \max}$	6 mm	Maximum recess radius

Dimensions

D_1	474 mm	Bore diameter housing washer
d_1	585 mm	Rip diameter shaft washer
r_{\min}	7,5 mm	Minimum chamfer dimension
T_1	83,5 mm	Height of the housing washer
T_2	63 mm	Height of shaft washer
T_3	110 mm	Height of the shaft washer
T_4	164 mm	Height of shaft washer, inc. lip ring
A	210 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



Large bearing



Static angular error and misalignment



Dynamic angular error and misalignment