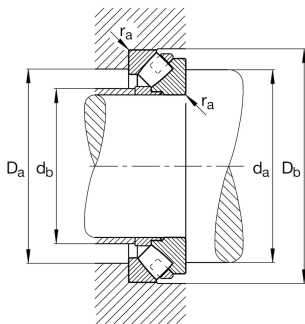


**FAG****29244-E1-MB** [↗](#)

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 & Performance Data

d	220 mm	Bore diameter
D	300 mm	Outside diameter
T	48 mm	Section height
C _a	690.000 N	Basic dynamic load rating, axial
C _{0a}	3.000.000 N	Basic static load rating, axial
C _{ua}	355.000 N	Fatigue load limit, axial
n _G	2.170 1/min	Limiting speed
n _{gr}	1.160 1/min	Reference speed
≈m	9,5 kg	Weight



Mounting dimensions

$d_{a \min}$	260 mm	Minimum diameter shaft shoulder
$D_{a \max}$	277 mm	Maximum diameter of housing shoulder
$D_{b \min}$	304 mm	Minimum bore diameter housing
$d_{b \max}$	229 mm	Maximum distance sleeve
$r_{a \max}$	2 mm	Maximum recess radius








Dimensions

D_1	251,5 mm	Bore diameter housing washer
d_1	285 mm	Rip diameter shaft washer
r_{\min}	2 mm	Minimum chamfer dimension
T_1	24,5 mm	Height of the housing washer
T_2	17 mm	Height of shaft washer
T_3	30 mm	Height of the shaft washer
T_4	45 mm	Height of shaft washer, inc. lip ring
A	117 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