

**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