

**FAG****29276-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	380 mm	Bore diameter
D	520 mm	Outside diameter
T	85 mm	Section height
C _a	2.000.000 N	Basic dynamic load rating, axial
C _{0a}	9.000.000 N	Basic static load rating, axial
C _{ua}	950.000 N	Fatigue load limit, axial
n _G	1.180 1/min	Limiting speed
n _{gr}	660 1/min	Reference speed
≈m	50,7 kg	Weight



Mounting dimensions

$d_{a \min}$	445 mm	Minimum diameter shaft shoulder
$D_{a \max}$	480 mm	Maximum diameter of housing shoulder
$D_{b \min}$	530 mm	Minimum bore diameter housing
$d_{b \max}$	394 mm	Maximum distance sleeve
$r_{a \max}$	3 mm	Maximum recess radius

Dimensions

D_1	441 mm	Bore diameter housing washer
d_1	490 mm	Rip diameter shaft washer
r_{\min}	4 mm	Minimum chamfer dimension
T_1	42 mm	Height of the housing washer
T_2	31 mm	Height of shaft washer
T_3	51,5 mm	Height of the shaft washer
T_4	81 mm	Height of shaft washer, inc. lip ring
A	202 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