

FAG

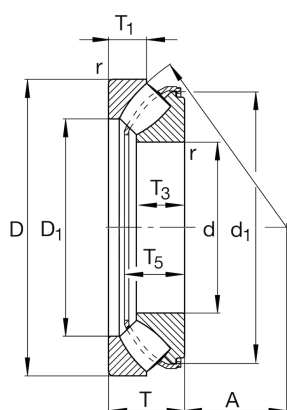
## 29318-E1-XL

Axial spherical roller bearing

Schaeffler ID:  
0389997220000Axial spherical roller bearing 293..-E1-XL,  
no flanging ring

X-life

## Technical information



## Main Dimensions &amp; Performance Data

d	90 mm	Bore diameter
D	155 mm	Outside diameter
T	39 mm	Height
$C_a$	420.000 N	Basic dynamic load rating, axial
$C_{0a}$	1.130.000 N	Basic static load rating, axial
$C_{ua}$	164.000 N	Fatigue load limit, axial
$n_G$	4.650 1/min	Limiting speed
$n_{gr}$	2.140 1/min	Reference speed
	2,68 kg	Weight

## Dimensions

$D_1$	115 mm	Bore diameter housing washer
$d_1$	142,3 mm	Rip diameter shaft washer
$r_{min}$	1,5 mm	Minimum chamfer dimension
$T_1$	19,5 mm	Height of the housing washer
$T_3$	24,5 mm	Height of the shaft washer
$T_5$	34,5 mm	Distance shaft washer - cage
A	52 mm	Distance of the center point

## Mounting dimensions

$d_{a min}$	125 mm	Minimum diameter shaft shoulder
$D_{a max}$	135 mm	Maximum diameter of housing shoulder
$D_{b min}$	158 mm	Minimum bore diameter housing
$d_{b max}$	97 mm	Maximum distance sleeve
$r_{a max}$	1,5 mm	Maximum recess radius

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.

