

FAG

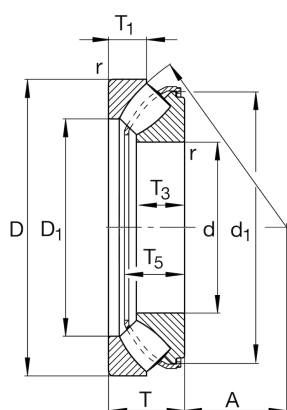
29320-E1-XL

Axial spherical roller bearing

Schaeffler ID:
0389997300000Axial spherical roller bearing 293..-E1-XL,
no flanging ring

X-life

Technical information



Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	170 mm	Outside diameter
T	42 mm	Height
C_a	495.000 N	Basic dynamic load rating, axial
C_{0a}	1.340.000 N	Basic static load rating, axial
C_{ua}	194.000 N	Fatigue load limit, axial
n_G	4.200 1/min	Limiting speed
n_{gr}	1.960 1/min	Reference speed
	3,496 kg	Weight

Dimensions

D_1	127,5 mm	Bore diameter housing washer
d_1	156 mm	Rip diameter shaft washer
r_{min}	1,5 mm	Minimum chamfer dimension
T_1	20,5 mm	Height of the housing washer
T_3	26,2 mm	Height of the shaft washer
T_5	37,5 mm	Distance shaft washer - cage
A	58 mm	Distance of the center point

Mounting dimensions

$d_{a min}$	135 mm	Minimum diameter shaft shoulder
$D_{a max}$	148 mm	Maximum diameter of housing shoulder
$D_{b min}$	173 mm	Minimum bore diameter housing
$d_{b max}$	107 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.

