

FAG

29434-E1-XL

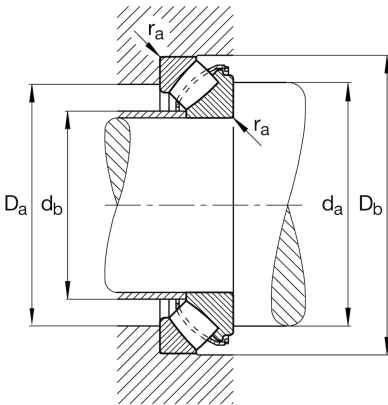
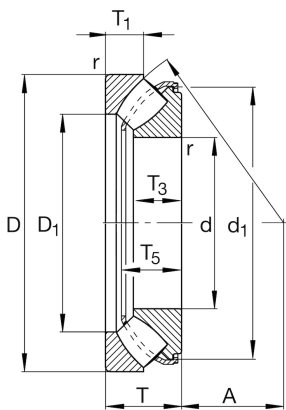
Axial spherical roller bearing

Schaeffler ID:
0390005160000

Axial spherical roller bearing 294..-E1-XL,
no flanging ring

X-life

Technical information



Main Dimensions & Performance Data

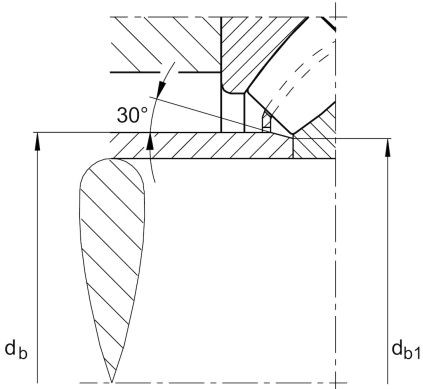
d	170 mm	Bore diameter
D	340 mm	Outside diameter
T	103 mm	Height
C _a	2.550.000 N	Basic dynamic load rating, axial
C _{0a}	6.900.000 N	Basic static load rating, axial
C _{ua}	700.000 N	Fatigue load limit, axial
n _G	1.990 1/min	Limiting speed
n _{gr}	1.020 1/min	Reference speed
	38,64 kg	Weight

Mounting dimensions

d _{a min}	250 mm	Minimum diameter shaft shoulder
D _{a max}	288 mm	Maximum diameter of housing shoulder
D _{b min}	346 mm	Minimum bore diameter housing
d _{b max}	199 mm	Maximum distance sleeve
d _{b1 max}	186 mm	Maximum chamfer diameter of distance sleeve
r _{a max}	4 mm	Maximum recess radius
	30 °	Angle of chamfer of the distance sleeve

Dimensions

D ₁	236 mm	Bore diameter housing washer
d ₁	305 mm	Rip diameter shaft washer
r _{min}	5 mm	Minimum chamfer dimension
T ₁	50 mm	Height of the housing washer
T ₃	65,5 mm	Height of the shaft washer
T ₅	89,5 mm	Distance shaft washer - cage
A	104 mm	Distance of the center point



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.