

FAG

29430-E1-XL

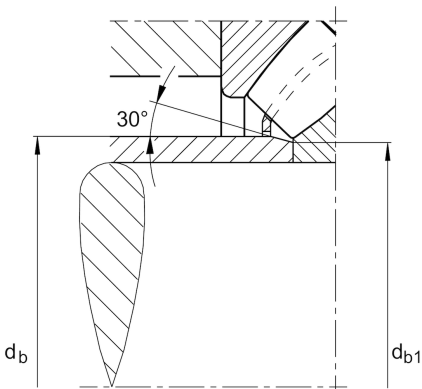
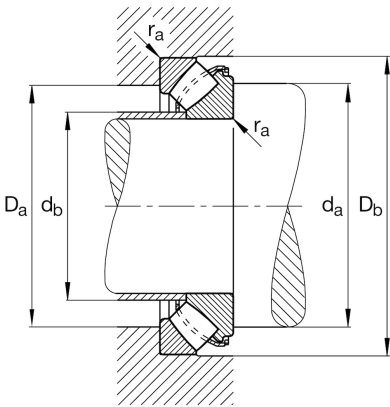
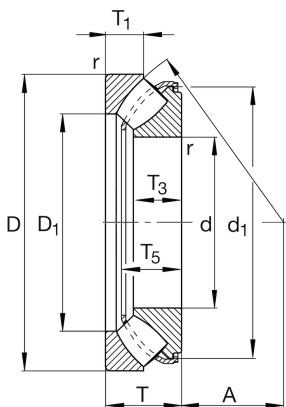
Axial spherical roller bearing

Schaeffler ID:
0390004780000

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

X-life

Technical information



Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	300 mm	Outside diameter
T	90 mm	Height
C _a	2.000.000 N	Basic dynamic load rating, axial
C _{0a}	5.300.000 N	Basic static load rating, axial
C _{ua}	560.000 N	Fatigue load limit, axial
n _G	2.290 1/min	Limiting speed
n _{gr}	1.180 1/min	Reference speed
	26,54 kg	Weight

Mounting dimensions

d _{a min}	220 mm	Minimum diameter shaft shoulder
D _{a max}	253 mm	Maximum diameter of housing shoulder
d _{b max}	175 mm	Maximum distance sleeve
d _{b1 max}	164 mm	Maximum chamfer diameter of distance sleeve
r _{a max}	3 mm	Maximum recess radius
	30 °	Angle of chamfer of the distance sleeve

Dimensions

d ₁	267,4 mm	Rip diameter shaft washer
r _{min}	4 mm	Minimum chamfer dimension
T ₃	58 mm	Height of the shaft washer
T ₅	80,5 mm	Distance shaft washer - cage
A	92 mm	Distance of the center point

Temperature range

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