

FAG

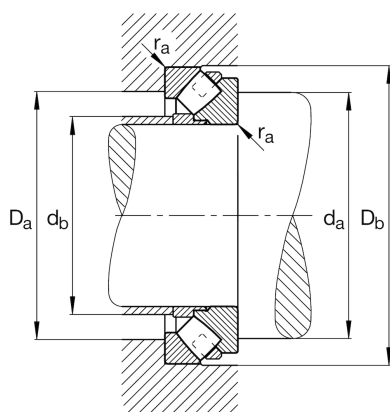
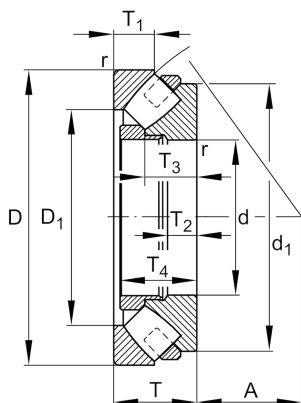
★ 29244-E1-MB

Axial spherical roller bearing

Schaeffler ID:
0389994470000Axial spherical roller bearing 292...E1-MB,
with flanging ring

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	300 mm	Outside diameter
T	48 mm	Section height
C_a	690.000 N	Basic dynamic load rating, axial
C_{0a}	3.000.000 N	Basic static load rating, axial
C_{ua}	355.000 N	Fatigue load limit, axial
n_G	2.170 1/min	Limiting speed
n_{gr}	1.160 1/min	Reference speed
	9,5 kg	Weight

Dimensions

D_1	251,5 mm	Bore diameter housing washer
d_1	285 mm	Rip diameter shaft washer
r_{min}	2 mm	Minimum chamfer dimension
T_1	24,5 mm	Height of the housing washer
T_2	17 mm	Height of shaft washer
T_3	30 mm	Height of the shaft washer
T_4	45 mm	Height of shaft washer, inc. lip ring
A	117 mm	Distance of the center point

Mounting dimensions

$d_{a min}$	260 mm	Minimum diameter shaft shoulder
$D_{a max}$	277 mm	Maximum diameter of housing shoulder
$D_{b min}$	304 mm	Minimum bore diameter housing
$d_{b max}$	229 mm	Maximum distance sleeve
$r_{a max}$	2 mm	Maximum recess radius

Temperature range

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