

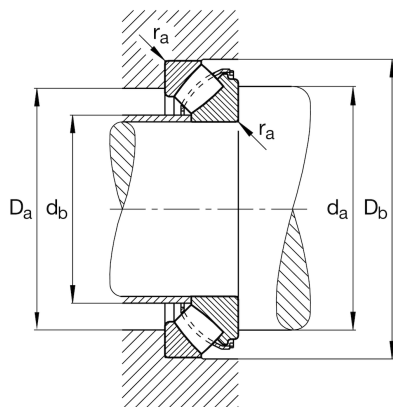
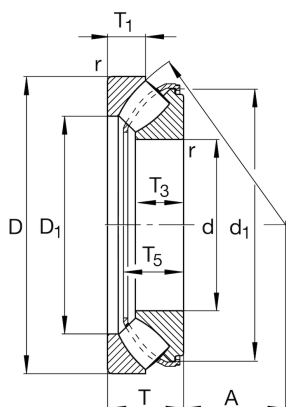
29448-E1-XL

spherical roller bearing

Contact:info@bearingmotion.com

Add:Chevalier House, 45-51 Chatham Road South, Tsim Sha Tsui, Kowloon, Hong Kong

Technical information



Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	440 mm	Outside diameter
T	122 mm	Height
C _a	3,600,000 N	Basic dynamic load rating, axial
C _{0a}	10,500,000 N	Basic static load rating, axial
C _{ua}	1,080,000 N	Fatigue load limit, axial
n _G	1,470 1/min	Limiting speed
n _{gr}	740 1/min	Reference speed
	73.64 kg	Weight

Mounting dimensions

d _{a min}	335 mm	Minimum diameter shaft shoulder
D _{a max}	381 mm	Maximum diameter of housing shoulder
D _{b min}	448 mm	Minimum bore diameter housing
d _{b max}	276 mm	Maximum distance sleeve
d _{b1 max}	261 mm	Maximum chamfer diameter of distance sleeve
r _{a max}	5 mm	Maximum recess radius
	30 °	Angle of chamfer of the distance sleeve

Dimensions

D ₁	322 mm	Bore diameter housing washer
d ₁	400 mm	Rip diameter shaft washer
r _{min}	6 mm	Minimum chamfer dimension
T ₁	59 mm	Height of the housing washer
T ₃	76 mm	Height of the shaft washer
T ₅	106.9 mm	Distance shaft washer - cage
A	142 mm	Distance of the center point