

**FAG****Z-543060.TR1**

Tapered roller bearing

Tapered roller bearings, single row

Technical information



Your current product variant

Tolerance class	ABMA4	Class 4 (ANSI/ABMA 19.2:2013)
Cage	Standard	Sheet steel cage, window cage, roller-guided
Quality level	Standard	
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	749,3 mm	Bore diameter
D	990,6 mm	Outside diameter
B	160,338 mm	Width, inner ring
C	123 mm	Width, outer ring
T	159,5 mm	Width, total
C_r	4.150.000 N	Basic dynamic load rating, radial
C_{0r}	10.900.000 N	Basic static load rating, radial
C_{ur}	880.000 N	Fatigue load limit, radial
n_G	610 1/min	Limiting speed
$\approx m$	315,9 kg	Weight

Dimensions

a	164 mm	Distance between the apexes of the pressure cones
---	--------	---





Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Calculation factors

e	0,34	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y	1,79	Dynamic axial load factor
Y_0	0,98	Static axial load factor

Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed