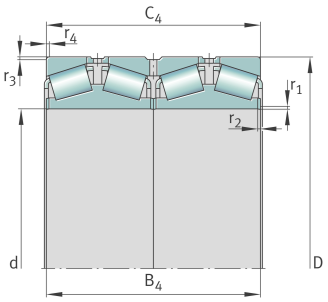
FAG

F-802010.TR4-D1

Tapered roller bearing

Tapered roller bearings, four-row, TQO-arrangement, opened design

Technical information



Your current product variant

Tolerance class	ABMA4	Class 4 (ANSI/ABMA 19.2:2013)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Axial internal clearance	A300-400	Axial internal clearance between 300 and 400 µm
Quality level	Standard	
Matched arrangement	TQO	TQO arrangement
Number of rows	4	Four-row design

Main Dimensions & Performance Data

d	266,7 mm	Bore diameter
D	355,6 mm	Outside diameter
B_4	230,188 mm	Width of bearing inside
C_4	228,6 mm	Width of bearing outside
C_r	2.550.000 N	Basic dynamic load rating, radial
C_{0r}	5.400.000 N	Basic static load rating, radial
C_{ur}	500.000 N	Fatigue load limit, radial
≈m	62,5 kg	Weight

Dimensions

$r_{1, 2\ min}$	1,5 mm	Minimum chamfer
$r_{3, 4\ min}$	3,3 mm	Minimum chamfer

Temperature range

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

Calculation factors

e	0,36	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y_1	1,9	Dynamic axial load factor
Y_2	2,83	Dynamic axial load factor
Y_0	1,86	Static axial load factor

Characteristics

Radial load

Axial load in one direction

Axial load in two directions


Grease Lubrication


Oil Lubrication


Not sealed