



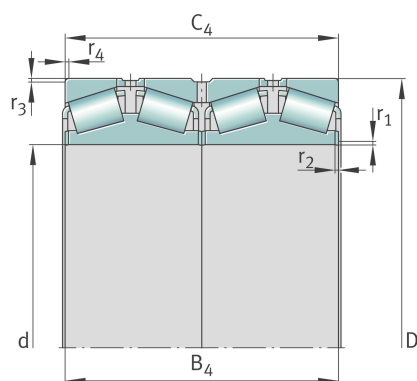
FAG

F-802119.TR4-D1

Tapered roller bearing

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

Technical information

**Main Dimensions & Performance Data**

d	355.6 mm	Bore diameter
D	457.2 mm	Outside diameter
B ₄	252.412 mm	Width of bearing inside
C ₄	252.412 mm	Width of bearing outside
C _r	3,450,000 N	Basic dynamic load rating, radial
C _{0r}	8,100,000 N	Basic static load rating, radial
C _{ur}	730,000 N	Fatigue load limit, radial
≈m	105 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}	150 °C	Operating temperature max.

Calculation factors

e	0.32	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2.12	Dynamic axial load factor
Y ₂	3.15	Dynamic axial load factor
Y ₀	2.07	Static axial load factor