

**FAG****F-807332.01.TR2SK-A300-350**

Tapered roller bearing set

Tapered roller bearing set with different rows, double-row, X-arrangement, opened design

Technical information

Your current product variant

Tolerance class	PN	Normal (ISO 492:2023)
Cage	Standard	Sheet steel cage, window cage, roller-guided
Axial internal clearance	A300-350	Axial internal clearance between 300 and 350 µm
Quality level	XL	X-life
Matched arrangement	F	X arrangement
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	280 mm	Outside diameter
2B	124 mm	Inner ring total width
2T	135,75 mm	Outer ring total width
C _r	710.000 N	Basic dynamic load rating, radial
C _{0r}	740.000 N	Basic static load rating, radial
C _r	720.000 N	Basic dynamic load rating, radial, 2nd series
C _{0r}	790.000 N	Basic static load rating, radial, 2nd series
C _{ur}	98.000 N	Fatigue load limit, radial
n _G	2.650 1/min	Limiting speed
≈m	37,8 kg	Weight









Temperature range

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

Calculation factors

e	0,35	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_0	0,95	Static axial load factor

Characteristics

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