

**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 492:2014)
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 <sub>r</sub>	710.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	740.000 N	Basic static load rating, radial
C <sub>r</sub>	720.000 N	Basic dynamic load rating, radial, 2nd series
C <sub>0r</sub>	790.000 N	Basic static load rating, radial, 2nd series
C <sub>ur</sub>	98.000 N	Fatigue load limit, radial
n <sub>G</sub>	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