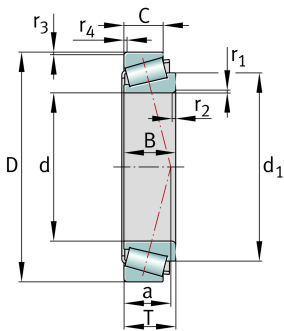


**FAG****Z-549029.01.TR1** [↗](#)

Tapered roller bearing

Tapered roller bearings, single row

## Technical information



## Your current product variant

Tolerance class	PN	Normal (ISO 492:2014)
Cage	Standard	Sheet steel cage, window cage, roller-guided
Quality level	Standard	
Number of rows	1	Single-row design

## Main Dimensions &amp; Performance Data

d	930 mm	Bore diameter
D	1.060 mm	Outside diameter
B	90 mm	Width, inner ring
C	72 mm	Width, outer ring
T	92 mm	Width, total
$C_r$	2.100.000 N	Basic dynamic load rating, radial
$C_{0r}$	7.300.000 N	Basic static load rating, radial
$C_{ur}$	560.000 N	Fatigue load limit, radial
$n_G$	500 1/min	Limiting speed
$\approx m$	116 kg	Weight

## Dimensions

a	164 mm	Distance between the apexes of the pressure cones
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



### Temperature range

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

### Calculation factors

$e$	0,37	Limiting value of $F_a/F_r$ for the applicability of diff. Values of factors X and Y
$Y$	1,61	Dynamic axial load factor
$Y_0$	0,88	Static axial load factor

### Characteristics

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