



FAG

32216-XL

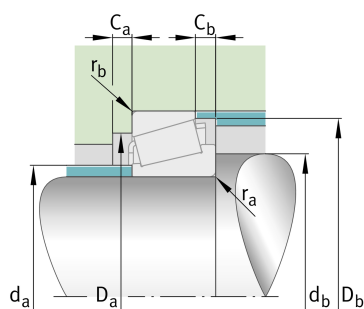
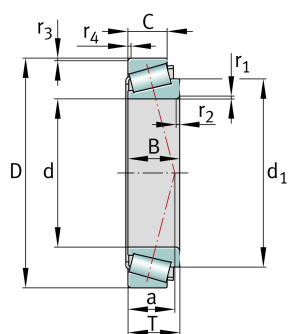
Tapered roller bearing

Tapered roller bearings 322, main dimensions to DIN ISO 355 / DIN 720, separable, adjusted or in pairs

Materiálové číslo Schaeffler:
0930896860000

X-life

Technické informace



Vaše aktuální varianta produktu

Tolerance class	PN	Normal (ISO 492:2014)
Heat treatment	Standard	
Cage	Standard	Sheet steel cage, window cage, roller-guided
Internal design	Standard	
Quality level	XL	X-life
Number of rolling element rows	1	Single-row design

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width, inner ring
C	28 mm	Width, outer ring
T	35,25 mm	Width, total
C_r	234.000 N	Basic dynamic load rating, radial
C_{0r}	265.000 N	Basic static load rating, radial
C_{ur}	41.500 N	Fatigue load limit, radial
n_G	6.100 1/min	Limiting speed
n_{gr}	3.050 1/min	Thermal speed rating
m	2,12 kg	Hmotnost



Mounting dimensions

$d_{a \max}$	90 mm	Maximum diameter of shaft shoulder
$d_{b \min}$	90 mm	Minimum diameter of shaft shoulder
$D_{a \min}$	122 mm	Minimum diameter of housing shoulder
$D_{a \max}$	130 mm	Maximum diameter of housing shoulder
$D_{b \min}$	134 mm	Minimum diameter of housing shoulder
$C_{a \min}$	5 mm	Minimum axial space
$C_{b \min}$	7 mm	Minimum axial space
$r_{a \max}$	2,5 mm	Maximum fillet radius of shaft
$r_{b \max}$	2 mm	Maximum fillet radius of housing

Dimensions

$r_{1, 2 \min}$	2,5 mm	Minimum chamfer dimension of inner ring back face
$r_{3, 4 \min}$	2 mm	Minimum chamfer dimension of outer ring back face
a	31 mm	Distance between the apexes of the pressure cones
d_1	107,7 mm	Guidance rib diameter of inner ring

Temperature range

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

Calculation factors

e	0,42	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y	1,43	Dynamic axial load factor
Y_0	0,79	Static axial load factor

Additional information

T3EC080

Comparative designation to ISO 10317 and ISO 355



Vlastnosti



Radiální zatížení



Axiální zatížení v jednom směru



Mazání (plastickým) mazivem



Mazání olejem



Neutěsněné