



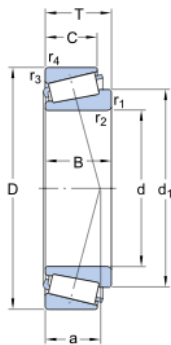
## 32015 X Tapered roller bearings, single row

- Popular item  
- SKF Explorer

### Tapered roller bearings, single row

## Technical specification

4CC



### DIMENSIONS

d	75 mm	Bore diameter
D	115 mm	Outside diameter
T	25 mm	Total bearing width
$d_1$	≈ 95.1 mm	Inner ring shoulder diameter
B	25 mm	Width inner ring
C	19 mm	Width outer ring
$r_{1,2}$	min. 1.5 mm	Corner radius inner ring
$r_{3,4}$	min. 1.5 mm	Corner radius outer ring
a	24.9 mm	Distance pressure point

### ABUTMENT DIMENSIONS

$d_a$	max. 83 mm	Abutment diameter shaft
$d_b$	min. 84.5 mm	Abutment diameter shaft
$D_a$	min. 103 mm	Abutment diameter housing
$D_b$	max. 106.5	Abutment diameter housing



	mm	
$D_b$	min. 110	Abutment diameter housing
$C_a$	min. 5	Abutment housing - axial space at the large side face/ both sides of the outer ring
$C_b$	min. 6	Abutment housing - axial space at the small side face/ both sides of the outer ring
$r_a$	max. 1.5	Fillet radius
$r_b$	max. 1.5	Fillet radius

## CALCULATION DATA

$C$	130 kN	Basic dynamic load rating
$C_0$	163 kN	Basic static load rating
$P_u$	18.6 kN	Fatigue load limit
	4300 r/min	Reference speed
	5300 r/min	Limiting speed
$e$	0.46	Calculation factor
$Y$	1.3	Calculation factor
$Y_0$	0.7	Calculation factor

## MASS

	0.91 kg	Mass bearing
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