

# 11590/11520

# SKF

## 15.875×42.862×14.288mm

## Calculation factor Y 0.84

## Tapered roller bearings

Bearing number	11590/11520
Size (mm)	15.875×42.862×14.288
Brand	SKF
Bore Diameter (mm)	15.875
Outer Diameter (mm)	42.862
Width (mm)	14.288
d	15.875 mm
D	42.862 mm
T	14.288 mm
B	14.34 mm
C	9.58 mm
a	13 mm
d1	31.1 mm
r1 min.	1.5 mm
r2 min.	1.5 mm
r3 min.	1.5 mm
r4 min.	1.5 mm
Ca min.	2 mm
Cb min.	4.5 mm
da max	23 mm
Da min	32 mm
Da max.	36 mm

db min	23 mm
Db min.	38 mm
ra max.	1.5 mm
rb max.	1.5 mm
Weight	0.1 Kg
Basic dynamic load rating (C)	17.6 kN
Basic static load rating (C0)	17.6 kN
Fatigue load limit (Pu)	1.8
Reference speed	12000 r/min
Limiting speed	17000 r/min
Calculation factor (e)	0.72
Calculation factor (Y)	0.84
Category	Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.104
EAN	7316572027141
Product Group – BDI	B04334
Dimension series	11500
$d_1 \approx$	31.1 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1.5 mm
$d_a$ max.	23 mm
$d_b$ min.	23.5 mm
$D_a$ min.	32 mm
$D_a$ max.	36.5 mm
$D_b$ min.	38 mm

$C_a$ min.	2 mm
$C_b$ min.	4.5 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1.5 mm
Basic dynamic load rating C	21.5 kN
Basic static load rating $C_0$	17.6 kN
Fatigue load limit $P_u$	1.8 kN
Calculation factor e	0.72
Calculation factor Y	0.84
Calculation factor $Y_0$	0.45
Mass bearing	0.1 kg