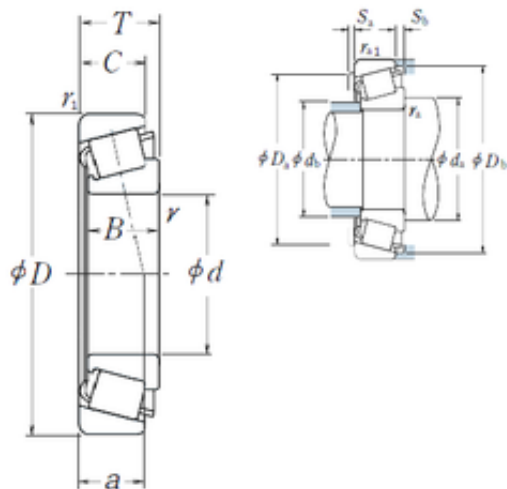




# NTN Bearing Manufacturing



45 mm x 85 mm x 23 mm NSK HR32209CJ tapered roller bearings

Bearing No. HR32209CJ

HR32209CJ Bearing 2D drawings and 3D CAD models

Size	45x85x24.75 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	24,75 mm
d	45 mm
D	85 mm
T	24,75 mm
B	23 mm
C	19 mm
a	23,6 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	56 mm
Da min	70 mm
Da max.	76 mm
db max.	52 mm
Db min.	82 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,603 Kg
Basic dynamic load rating (C)	75,5 kN
Basic static load rating (C0)	95,5 kN
(Grease) Lubrication Speed	4300 r/min
(Oil) Lubrication Speed	5600 r/min
Calculation factor (e)	0,59



## NTN Bearing Manufacturing

Calculation factor (Y0)	0,56
LangID	1
outer r	1.5
D_	85
TC-BET22	15
TC-BET21	5
TC-BET23	0
inner r	1.5
mass	0.603
GRS rpm	4300
D_b	82
Cr	7700
TC-RA	107.941
DE_	73.654
T-ALP23	0
db	52
T-ALP22	10
Prod_Type3	TRBSR_MD_A
da	56
T-ALP21	43
Iso	5DC
ALPHA_	21.583
SDM_	64.848
SBRG	22
D_a2	70
hidYobi	HR32209CJ
Y1	1
D_a1	76
B_	23
hidTable	ecat_NSTPRM
Oil rpm	5600
C0r	9750



## NTN Bearing Manufacturing

Y0	0.56
TC-SLR	16.5
inner ra	1.5
outer rb	1.5
C0	95.5
Sa	3
Sb	5.5
e	0.59
DA_	9.136
Z_	19
C_	19
yobi	HR32209CJ
TC-DA1	9.886
TC-DA2	8.385
KBRG	3111
DI_	56.041