



# NTN DRIVESHAFT ANDERSON, INC.



45 mm x 100 mm x 25 mm NSK HR30309DJ tapered roller bearings

Bearing No. HR30309DJ

HR30309DJ Bearing 2D drawings and 3D CAD models

Size	45x100x27.25 mm
Bore Diameter	45 mm
Outer Diameter	100 mm
Width	27,25 mm
d	45 mm
D	100 mm
T	27,25 mm
B	25 mm
C	18 mm
a	31,5 mm
r min.	2 mm
r1 min.	1,5 mm
da min.	61 mm
Da min	79 mm
Da max.	91 mm
db max.	57 mm
Db min.	96 mm
ra max.	2 mm
rb max.	1,5 mm
Weight	0,957 Kg
Basic dynamic load rating (C)	95,5 kN
Basic static load rating (C0)	109 kN
(Grease) Lubrication Speed	3400 r/min
(Oil) Lubrication Speed	4800 r/min
Calculation factor (e)	0,83



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Calculation factor (Y0)	0,4
LangID	1
outer r	1.5
D_	100
TC-BET22	30
TC-BET21	8
TC-BET23	0
inner r	2
mass	0.957
GRS rpm	3400
D_b	96
Cr	9750
TC-RA	96.197
DE_	85.007
T-ALP23	18
db	57
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	61
T-ALP21	57
Iso	7FB
ALPHA_	28.811
SDM_	72.816
SBRG	3
D_a2	79
hidYobi	HR30309DJ
Y1	0.73
D_a1	91
B_	25
hidTable	ecat_NSTPRM
Oil rpm	4800
C0r	11100



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Y0	0.4
TC-SLR	17.5
inner ra	2
outer rb	1.5
C0	109
Sa	3
Sb	9
e	0.83
DA_	12.975
Z_	16
C_	18
yobi	HR30309DJ
TC-DA1	14.254
TC-DA2	11.696
KBRG	3111
DI_	60.624