



AST BEARING OF AMERICA CORP.



60 mm x 130 mm x 31 mm NSK HR30312DJ tapered roller bearings

Bearing No. HR30312DJ

HR30312DJ Bearing 2D drawings and 3D CAD models

Size	60x130x33.5 mm
Bore Diameter	60 mm
Outer Diameter	130 mm
Width	33,5 mm
d	60 mm
D	130 mm
T	33,5 mm
B	31 mm
C	22 mm
a	40,3 mm
r min.	3 mm
r1 min.	2,5 mm
da min.	84 mm
Da min	103 mm
Da max.	118 mm
db max.	74 mm
Db min.	125 mm
ra max.	2,5 mm
rb max.	2 mm
Weight	1,98 Kg
Basic dynamic load rating (C)	151 kN
Basic static load rating (C0)	177 kN
(Grease) Lubrication Speed	2600 r/min
(Oil) Lubrication Speed	3800 r/min
Calculation factor (e)	0,83



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Calculation factor (Y0)	0,4
LangID	1
outer r	2.5
D_	130
TC-BET22	30
TC-BET21	8
TC-BET23	0
inner r	3
mass	1.98
GRS rpm	2600
D_b	125
Cr	15400
TC-RA	124.549
DE_	110.336
T-ALP23	18
db	74
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	84
T-ALP21	57
Iso	7FB
ALPHA_	28.811
SDM_	94.541
SBRG	3
D_a2	103
hidYobi	HR30312DJ
Y1	0.73
D_a1	118
B_	31
hidTable	ecat_NSTPRM
Oil rpm	3800
C0r	18100



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Y0	0.4
TC-SLR	22
inner ra	2.5
outer rb	2
C0	177
Sa	4
Sb	11.5
e	0.83
DA_	16.848
Z_	16
C_	22
yobi	HR30312DJ
TC-DA1	18.455
TC-DA2	15.241
KBRG	3111
DI_	78.745