



# NTN BEARING-BOWER CORP.



## NSK hr30210j Bearing

Bearing No. hr30210j

Size	50x90x21.75 mm
Bore Diameter	50 mm
Outer Diameter	90 mm
Width	21,75 mm
d	50 mm
D	90 mm
T	21,75 mm
B	20 mm
C	17 mm
a	19,6 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	61 mm
Da min	79 mm
Da max.	81 mm
db max.	58 mm
Db min.	85 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,557 Kg
Basic dynamic load rating (C)	76 kN
Basic static load rating (C0)	91,5 kN
(Grease) Lubrication Speed	4000 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0,42
Calculation factor (Y0)	0,79

hr30210j Bearing 2D drawings and 3D CAD models



## NTN BEARING-BOWER CORP.

LangID	1
outer r	1.5
D_	90
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	1.5
mass	0.557
GRS rpm	4000
D_b	85
Cr	7750
TC-RA	155
DE_	79.838
T-ALP23	4
db	58
T-ALP22	17
Prod_Type3	TRBSR_MD_A
da	61
T-ALP21	31
Iso	3DB
ALPHA_	15.643
SDM_	69.775
SBRG	2
D_a2	79
hidYobi	HR30210J
Y1	1.4
D_a1	81
B_	20
hidTable	ecat_NSTPRM
Oil rpm	5300
C0r	9300
Y0	0.79



## NTN BEARING-BOWER CORP.

TC-SLR	14
inner ra	1.5
outer rb	1.5
C0	91.5
Sa	3
Sb	4.5
e	0.42
DA_	10.333
Z_	19
C_	17
yobi	HR30210J
TC-DA1	10.818
TC-DA2	9.848
KBRG	3111
DI_	59.711