



# LY?MANUFACTURING CO.,LTD.



## NSK HR30309J tapered roller bearings

Bearing No. HR30309J

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	22 mm
a	21,1 mm
r min.	2 mm
r1 min.	1,5 mm
da min.	57 mm
Da min	86 mm
Da max.	91 mm
db max.	58 mm
Db min.	93 mm
ra max.	2 mm
rb max.	1,5 mm
Weight	1,01 Kg
Basic dynamic load rating (C)	112 kN
Basic static load rating (C0)	127 kN
(Grease) Lubrication Speed	3800 r/min
(Oil) Lubrication Speed	5300 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,96

HR30309J Bearing 2D drawings and 3D CAD models



## LY?MANUFACTURING CO.,LTD.

Category	Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04334
LangID	1
outer r	1.5
D_	100
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	2
mass	1.01
GRS rpm	3800
D_b	93
Cr	11400
TC-RA	202.838
DE_	86.84
T-ALP23	20
db	58
T-ALP22	54
Prod_Type3	TRBSR_MD_A
da	57
T-ALP21	25
Iso	2FB
ALPHA_	12.953
SDM_	73.581
SBRG	3
D_a2	86
hidYobi	HR30309J
Y1	1.7



## LY?MANUFACTURING CO.,LTD.

D_a1	91
B_	25
hidTable	ecat_NSTPRM
Oil rpm	5300
C0r	12900
Y0	0.96
TC-SLR	18
inner ra	2
outer rb	1.5
C0	127
Sa	3
Sb	5
e	0.35
DA_	13.533
Z_	16
C_	22
yobi	HR30309J
TC-DA1	14.157
TC-DA2	12.909
KBRG	3111
DI_	60.321