



# BEARING CORP.OF AMERICA



15 mm x 42 mm x 13 mm NSK HR30302J tapered roller bearings

Bearing No. HR30302J

HR30302J Bearing 2D drawings and 3D CAD models

Size	15x42x14.25 mm
Bore Diameter	15 mm
Outer Diameter	42 mm
Width	14,25 mm
d	15 mm
D	42 mm
T	14,25 mm
B	13 mm
C	11 mm
a	9,5 mm
r min.	1 mm
r1 min.	1 mm
da min.	24 mm
Da min	36 mm
Da max.	36 mm
db max.	22 mm
Db min.	38,5 mm
ra max.	1 mm
rb max.	1 mm
Weight	0,098 Kg
Basic dynamic load rating (C)	23,6 kN
Basic static load rating (C0)	21,1 kN
(Grease) Lubrication Speed	9500 r/min
(Oil) Lubrication Speed	13000 r/min
Calculation factor (e)	0,29



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Calculation factor (Y0)	1,2
LangID	1
outer r	1
D_	42
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	1
mass	0.098
GRS rpm	9500
D_b	38.5
Cr	2400
TC-RA	99.877
DE_	35.362
T-ALP23	58
db	22
T-ALP22	30
Prod_Type3	TRBSR_MD_A
da	24
T-ALP21	21
Iso	2FB
ALPHA_	10.758
SDM_	28.905
SBRG	3
D_a2	36
hidYobi	HR30302J
Y1	2.1
D_a1	36
B_	13
hidTable	ecat_NSTPRM
Oil rpm	13000
C0r	2160



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Y0	1.2
TC-SLR	9
inner ra	1
outer rb	1
C0	21.1
Sa	2
Sb	3
e	0.29
DA_	6.659
Z_	12
C_	11
yobi	HR30302J
TC-DA1	6.971
TC-DA2	6.347
KBRG	3111
DI_	22.448