



NSK HR30304J tapered roller bearings

Bearing No. HR30304J

Size	20x52x16.25 mm
Bore Diameter	20 mm
Outer Diameter	52 mm
Width	16,25 mm
d	20 mm
D	52 mm
T	16,25 mm
B	15 mm
C	13 mm
a	11,6 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	31 mm
Da min	44 mm
Da max.	44 mm
db max.	27 mm
Db min.	47,5 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,172 Kg
Basic dynamic load rating (C)	35 kN
Basic static load rating (C0)	33,5 kN
(Grease) Lubrication Speed	7500 r/min
(Oil) Lubrication Speed	10000 r/min
Calculation factor (e)	0,3
Calculation factor (Y0)	1,1

HR30304J Bearing 2D drawings and 3D CAD models



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LangID	1
outer r	1.5
D_	52
TC-BET22	0
TC-BET21	4
TC-BET23	0
inner r	1.5
mass	0.172
GRS rpm	7500
D_b	47.5
Cr	3550
TC-RA	117.977
DE_	43.918
T-ALP23	12
db	27
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	31
T-ALP21	22
Iso	2FB
ALPHA_	11.31
SDM_	36.279
SBRG	3
D_a2	44
hidYobi	HR30304J
Y1	2
D_a1	44
B_	15
hidTable	ecat_NSTPRM
Oil rpm	10000
C0r	3400
Y0	1.1



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TC-SLR	10.7
inner ra	1.5
outer rb	1.5
C0	33.5
Sa	2
Sb	3
e	0.3
DA_	7.863
Z_	13
C_	13
yobi	HR30304J
TC-DA1	8.234
TC-DA2	7.492
KBRG	3111
DI_	28.639