



NTN BEARING CORP.



55 mm x 120 mm x 43 mm NSK HR32311CJ tapered roller bearings

Bearing No. HR32311CJ

HR32311CJ Bearing 2D drawings and 3D CAD models

Size	55x120x45.5 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	45,5 mm
d	55 mm
D	120 mm
T	45,5 mm
B	43 mm
C	35 mm
a	35,8 mm
r min.	2,5 mm
r1 min.	2 mm
da min.	73 mm
Da min	91 mm
Da max.	110 mm
db max.	65 mm
Db min.	112 mm
ra max.	2 mm
rb max.	2 mm
Weight	2,47 Kg
Basic dynamic load rating (C)	195 kN
Basic static load rating (C0)	262 kN
(Grease) Lubrication Speed	3200 r/min
(Oil) Lubrication Speed	4300 r/min
Calculation factor (e)	0,55



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Calculation factor (Y0)	0,6
LangID	1
outer r	2
D_	120
TC-BET22	40
TC-BET21	5
TC-BET23	0
inner r	2.5
mass	2.47
GRS rpm	3200
D_b	112
Cr	19900
TC-RA	161.134
DE_	99.039
T-ALP23	0
db	65
T-ALP22	0
Prod_Type3	TRBSR_MD_A
da	73
T-ALP21	40
Iso	5FD
ALPHA_	20
SDM_	85.379
SBRG	23
D_a2	91
hidYobi	HR32311CJ
Y1	1.1
D_a1	110
B_	43
hidTable	ecat_NSTPRM
Oil rpm	4300
C0r	26700



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Y0	0.6
TC-SLR	32.2
inner ra	2
outer rb	2
C0	262
Sa	4
Sb	10.5
e	0.55
DA_	14.345
Z_	17
C_	35
yobi	HR32311CJ
TC-DA1	15.928
TC-DA2	12.762
KBRG	3111
DI_	71.719