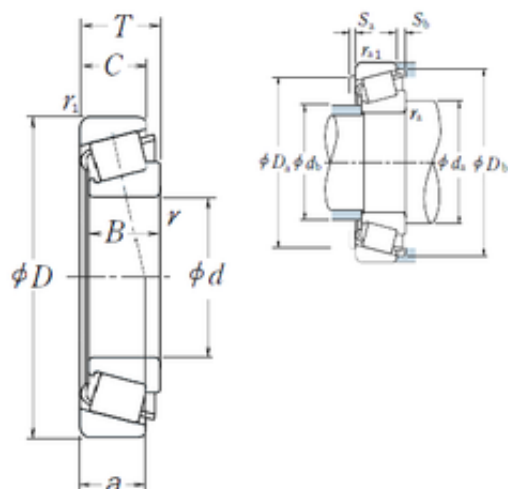




BEARING USA CORP.



95 mm x 200 mm x 45 mm NSK HR31319J
tapered roller bearings

Bearing No. HR31319J

Size	95x200x49.5 mm
Bore Diameter	95 mm
Outer Diameter	200 mm
Width	49,5 mm
d	95 mm
D	200 mm
T	49,5 mm
B	45 mm
C	32 mm
a	61,9 mm
r min.	4 mm
r1 min.	3 mm
da min.	123 mm
Da min	158 mm
Da max.	186 mm
db max.	115 mm
Db min.	187 mm
ra max.	3 mm
rb max.	2,5 mm
Weight	6,64 Kg
Basic dynamic load rating (C)	310 kN
Basic static load rating (C0)	375 kN
(Grease) Lubrication Speed	1700 r/min
(Oil) Lubrication Speed	2400 r/min
Calculation factor (e)	0,83

HR31319J Bearing 2D drawings and 3D CAD models



BEARING USA CORP.

Calculation factor (Y0)	0,4
LangID	1
outer r	3
D_	200
TC-BET22	30
TC-BET21	8
TC-BET23	0
inner r	4
mass	6.64
GRS rpm	1700
D_b	187
Cr	31500
TC-RA	190
DE_	169.184
T-ALP23	18
db	115
T-ALP22	37
Prod_Type3	TRBSR_MD_A
da	123
T-ALP21	57
Iso	7GB
ALPHA_	28.811
SDM_	145.312
SBRG	3
D_a2	158
hidYobi	HR31319J
Y1	0.73
D_a1	186
B_	45
hidTable	ecat_NSTPRM
Oil rpm	2400
C0r	38500



BEARING USA CORP.

Y0	0.4
TC-SLR	30
inner ra	3
outer rb	2.5
C0	375
Sa	6
Sb	17.5
e	0.83
DA_	25.966
Z_	16
C_	32
yobi	HR31319J
TC-DA1	28.152
TC-DA2	23.78
KBRG	3111
DI_	121.439