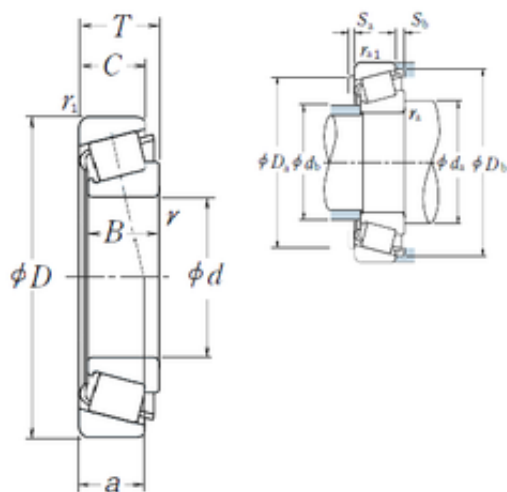




AMERICAN BEARING MFG.CORP.



22 mm x 50 mm x 18 mm NSK HR322/22 Tapered Roller Bearings

Bearing No. HR322/22

Size	22x50x19.25 mm
Bore Diameter	22 mm
Outer Diameter	50 mm
Width	19,25 mm
d	22 mm
D	50 mm
T	19,25 mm
B	18 mm
C	15 mm
a	13,5 mm
r min.	1 mm
r1 min.	1 mm
da min.	31 mm
Da min	41 mm
Da max.	44 mm
db max.	28 mm
Db min.	47 mm
ra max.	1 mm
rb max.	1 mm
Weight	0,18 Kg
Basic dynamic load rating (C)	36,5 kN
Basic static load rating (C0)	40,5 kN
(Grease) Lubrication Speed	7500 r/min
(Oil) Lubrication Speed	11000 r/min
Calculation factor (e)	0,37

HR322/22 Bearing 2D drawings and 3D CAD models



AMERICAN BEARING MFG.CORP.

Calculation factor (Y0)	0,89
LangID	1
outer r	1
D_	50
TC-BET22	10
TC-BET21	4
TC-BET23	0
inner r	1
mass	0.18
GRS rpm	7500
D_b	47
Cr	3750
TC-RA	94.619
DE_	42.025
T-ALP23	0
db	28
T-ALP22	50
Prod_Type3	TRBSR_MD_A
da	31
T-ALP21	27
Iso	-
ALPHA_	13.917
SDM_	35.927
SBRG	22
D_a2	41
hidYobi	HR322/22
Y1	1.6
D_a1	44
B_	18
hidTable	ecat_NSTPRM
Oil rpm	11000
C0r	4100



AMERICAN BEARING MFG.CORP.

Y0	0.89
TC-SLR	13
inner ra	1
outer rb	1
C0	40.5
Sa	2
Sb	4
e	0.37
DA_	6.409
Z_	15
C_	15
yobi	HR322/22
TC-DA1	6.879
TC-DA2	5.938
KBRG	3111
DI_	29.828