



**28 mm x 68 mm x 18 mm NSK HR303/28C tapered roller bearings**

Bearing No. HR303/28C

HR303/28C Bearing 2D drawings and 3D CAD models

Size	28x68x19.75 mm
Bore Diameter	28 mm
Outer Diameter	68 mm
Width	19,75 mm
d	28 mm
D	68 mm
T	19,75 mm
B	18 mm
C	14 mm
a	17,4 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	39 mm
Da min	57 mm
Da max.	59 mm
db max.	38 mm
Db min.	63 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,335 Kg
Basic dynamic load rating (C)	49,5 kN
Basic static load rating (C0)	50,5 kN
(Grease) Lubrication Speed	5600 r/min
(Oil) Lubrication Speed	7500 r/min
Calculation factor (e)	0,52



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Calculation factor (Y0)	0,64
Category	Bearings
Inventory	0.0
Manufacturer Name	NSK
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308
LangID	1
outer r	1.5
D_	68
TC-BET22	0
TC-BET21	6
TC-BET23	0
inner r	1.5
mass	0.335
GRS rpm	5600
D_b	63
Cr	5000
TC-RA	95
DE_	57.933
T-ALP23	0
db	38
T-ALP22	0
Prod_Type3	TRBSR_MD_A
da	39
T-ALP21	38
Iso	-
ALPHA_	19
SDM_	48.919
SBRG	3
D_a2	57
hidYobi	HR303/28C



## Timken MANUFACTURING (THAILAND)CO.,LTD.

Y1	1.2
D_a1	59
B_	18
hidTable	ecat_NSTPRM
Oil rpm	7500
C0r	5150
Y0	0.64
TC-SLR	12.5
inner ra	1.5
outer rb	1.5
C0	50.5
Sa	3
Sb	5.5
e	0.52
DA_	9.295
Z_	14
C_	14
yobi	HR303/28C
TC-DA1	9.942
TC-DA2	8.647
KBRG	3111
DI_	39.904