



# Timken BEARINGS INDUSTRY



44,45 mm x 93,662 mm x 31,75 mm NSK  
49176/49368 tapered roller bearings

Bearing No. 49176/49368

49176/49368 Bearing 2D drawings and 3D CAD models

Size	44.45x93.662x31.75 mm
Bore Diameter	44,45 mm
Outer Diameter	93,662 mm
Width	31,75 mm
d	44,45 mm
D	93,662 mm
T	31,75 mm
B	31,75 mm
C	25,4 mm
ra1 max.	3,3 mm
a	21,6 mm
r min.	0,8 mm
r1 min.	3,3 mm
Da	82 mm
db	53 mm
ra max.	0,8 mm
da	54 mm
Db	87 mm
Weight	1,019 Kg
Basic dynamic load rating (C)	120 kN
Basic static load rating (C0)	147 kN
(Grease) Lubrication Speed	4000 r/min
(Oil) Lubrication Speed	5600 r/min
Calculation factor (e)	0,36
Calculation factor (Y0)	0,92



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LangID	1
ALP23	0
outer r	3.3
ALP22	0
D_	93.662
ALP21	27
SHOG_yobi	49176R/49368R
RAr	181.517
inner r	0.8
GRS rpm	4000
D_b	87
D_a	82
DE_	78.701
SLR	23
Prod_Type3	TRBSR_ID_A
BETA_	2
ALPHA_	15
SDM_	68.572
DA1	12.669
DA2	11.071
hidYobi	49176/49368
Y1	1.7
B_	31.75
Oil rpm	5600
hidTable	ecat_NSTPRI
Y0	0.92
inner ra	0.8
outer rb	3.3
C0	147
CUP	0.371
e	0.36
DA_	10.645



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BET21	4
BET22	0
BET23	0
Z_	17
C_	25.4
yobi	49176/49368
KBRG	3161
CONE	0.648
DI_	58.123