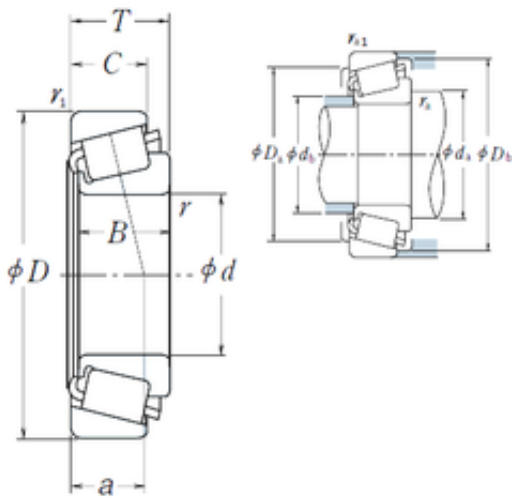




Air Suspension Bearing Co., Ltd



16 mm x 47 mm x 21 mm NSK HM81649/HM81610 tapered roller bearings

Bearing No. HM81649/HM81610

HM81649/HM81610 Bearing 2D drawings and 3D CAD models

Size	16x47x21 mm
Bore Diameter	16 mm
Outer Diameter	47 mm
Width	21 mm
d	16 mm
D	47 mm
T	21 mm
B	21 mm
C	16 mm
ra1 max.	2 mm
a	14,9 mm
r min.	1 mm
r1 min.	2 mm
Da	37,5 mm
db	23 mm
ra max.	1 mm
da	27,5 mm
Db	43 mm
Weight	0,197 Kg
Basic dynamic load rating (C)	35 kN
Basic static load rating (C0)	36,5 kN
(Grease) Lubrication Speed	9000 r/min
(Oil) Lubrication Speed	12000 r/min
Calculation factor (e)	0,55
Calculation factor (Y0)	0,6



Air Suspension Bearing Co., Ltd

LangID	1
ALP23	0
outer r	2
ALP22	0
D_	47
ALP21	40
SHOG_yobi	HM81649R/HM81610R
RAr	61.65
inner r	1
GRS rpm	9000
D_b	43
D_a	37.5
DE_	36.749
SLR	15.4
Prod_Type3	TRBSR_ID_A
BETA_	3
ALPHA_	20
SDM_	30.796
DA1	7.347
DA2	5.522
hidYobi	HM81649/HM81610
Y1	1.1
B_	21
Oil rpm	12000
hidTable	ecat_NSTPRI
Y0	0.6
inner ra	1
outer rb	2
C0	36.5
CUP	0.082
e	0.55
DA_	6.442



Air Suspension Bearing Co., Ltd

BET21	6
BET22	50
BET23	0
Z_	12
C_	16
yobi	HM81649/HM81610
KBRG	3151
CONE	0.115
DI_	24.527