

1309 NSK da 53 45x100x25mm Self aligning ball bearings

Bearing number	1309
Size (mm)	45x100x25
Brand	NSK
Bore Diameter (mm)	45
Outer Diameter (mm)	100
Width (mm)	25
d	45 mm
D	100 mm
B	25 mm
r	25 mm
r min.	1.5 mm
da min.	53 mm
Da max.	92 mm
ra max.	1.5 mm
Weight	0.955 kg
Basic dynamic load rating (C)	38.5 kN
Basic static load rating (C0)	12.7 kN
(Grease) Lubrication Speed	6 000 r/min
(Oil) Lubrication Speed	7 500 r/min
Calculation factor (e)	0.25
Calculation factor (Y0)	2.7
Calculation factor (Y2)	4
bore diameter:	45 mm
precision rating:	ABEC1, P0
outside diameter:	100 mm
maximum rpm:	7500 rpm
overall width:	25 mm
case material:	Phenolic Case
bore type:	Straight
finish/coating:	Uncoated
closure type:	Open
fillet radius:	1.5 mm
internal clearance:	C0
series:	1309
dynamic load capacity:	39500 N
SK1	6.67
Y3	2.6
hidf0b1	1309
LangID	1
PCD	73.2
D _e	100
Y2	4
SKX	0
cyt count	15
B _e	25
CAD	http://service.web2cad.co.jp/pcom/Maker-NSK_BB&info=nsk_rb/roller_bearings/self_aligning_bb/cylindrical_bore_assttab.prj&varset=ESTAM-J_(ORRER-1309)_(SD-45)_(D-100)_(B-25)_(R-1.5)_(CR1-38500)_(COR1-12700)_(CR2-39000)_(COR2-1300)_(LG-6000)_(LD-7500)_(DA1-53.0)_(DA2-92.0)_(RA-1.5)_(E-0.25)_(Y2-4.0)_(Y3-2.60)_(Y0-2.70)_(MSS-0.955)
hidf0b1e	45x1_35348
oil rpm	7500
SBE	0
Y0	2.7
mass	0.955
ra	1.5
G05 rpm	6000
SKX	0.85
groove inner	66.491
D _a	92
SKW	0
C0	12.7
groove outer	86.877
SKW	0
X0	1
Prod_Type3	SAB8_SA_C0
X1	1
da	53
X2	0.85
e	0.25
y0b1	1309
r	1.5
NSG	1302
CAng	9.31
cyt dia	12.7
calc0r1	/BearingGuide/hat/calculation.jsp