



**45 mm x 85 mm x 19 mm NSK 1209 self aligning ball bearings**

Bearing No. 1209

1209 Bearing 2D drawings and 3D CAD models

Size	45x85x19 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	19 mm
d	45 mm
D	85 mm
B	19 mm
C	19 mm
r min.	1,1 mm
da min.	51,5 mm
Da max.	78,5 mm
ra max.	1 mm
Weight	0,465 Kg
Basic dynamic load rating (C)	22 kN
Basic static load rating (C0)	7,35 kN
(Grease) Lubrication Speed	7 100 r/min
(Oil) Lubrication Speed	8 500 r/min
Calculation factor (e)	0,21
Calculation factor (Y0)	3,1
Calculation factor (Y2)	4,7
SRI	5
Y3	3
hidYobi	1209
LangID	1
PCD	64.4



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D_	85
Y2	4.7
SREX	0
cyl count	16
B_	19
hidTable	ecat_NSSAB
Oil rpm	8500
SRE	0
Y0	3.1
mass	0.465
ra	1
GRS rpm	7100
SRIX	0.04
groove inner	54.87
D_a	78.5
SRIN	0
C0	7.35
groove outer	74.551
SREN	0
X0	1
Prod_Type3	SABB_SA_CB
X1	1
da	51.5
X2	0.65
e	0.21
yobi	1209
r	1.1
KBRG	1352
CAng	7.956
cyl dia	9.525