



GQ (Xiamen) Bearing Co., Ltd.



45 mm x 85 mm x 19 mm KOYO 30209XR tapered roller bearings

Bearing No. 30209XR

30209XR Bearing 2D drawings and 3D CAD models

Size	45x85x20.75 mm
Bore Diameter	45 mm
Outer Diameter	85 mm
Width	20,75 mm
d	45 mm
D	85 mm
T	20,75 mm
B	19 mm
C	15 mm
a	21,1 mm
r min.	1,5 mm
r2 min.	1,5 mm
da min.	53,5 mm
da max	54 mm
Da min	71 mm
Da max.	76,5 mm
Db min.	80 mm
ra max.	1,5 mm
rb max.	1,5 mm
Weight	0,5 Kg
Basic dynamic load rating (C)	69,4 kN
Basic static load rating (C0)	81,5 kN
(Grease) Lubrication Speed	4600 r/min
(Oil) Lubrication Speed	6100 r/min
Calculation factor (e)	0,55



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Calculation factor (Y0)	0,6
Bearing No.	30209XR
r(min)	1.5
r1(min)	1.5
Cr	83.1
C0r	81.5
Cu	11.4
Grease lub.	4600
Oil lub.	6100
a	21.1 mm
da(min)	53.5
db(max)	54
Da(max)	76.5
Da(min)	71
Db(min)	80
Sa(min)	4
Sb(min)	5.5
ra(max)	1.5
rb(max)	1.5
e	0.55
Y1	1.10
Y0	0.60
(Refer.) Mass(kg)	0.500