



2303 Bearing 2D drawings and 3D CAD models

**KOYO 2303 self aligning ball bearings**

Bearing No. 2303

Size	17x47x19 mm
Bore Diameter	17 mm
Outer Diameter	47 mm
Width	19 mm
d	17 mm
D	47 mm
B	19 mm
C	19 mm
r min.	1 mm
da min.	22 mm
Da max.	42 mm
ra max.	1 mm
Weight	0.158 Kg
Basic dynamic load rating (C)	14.5 kN
Basic static load rating (C0)	3.60 kN
(Grease) Lubrication Speed	13000 r/min
(Oil) Lubrication Speed	18000 r/min
Calculation factor (e)	0.49
Calculation factor (Y0)	1.34
Calculation factor (Y1)	1.28
Bearing No.	2303
r(min)	1
Cr	14.5
C0r	3.60
Cu	0.23
Grease lub.	13000



## TZR?Bearing Machine Development Co.,...

Oil lub.	18000
da(min)	22
Da(max)	42
ra(max)	1
e	0.49
Y1	1.28
Y2	1.98
Y0	1.34
(Refer.)Mass(kg)	0.158