

2305 KOYO 25x62x24mm Cu 0.42

Self aligning ball bearings

Bearing number	2305
Size (mm)	25x62x24
Brand	KOYO
Bore Diameter (mm)	25
Outer Diameter (mm)	62
Width (mm)	24
d	25 mm
D	62 mm
B	24 mm
C	24 mm
r min.	1.1 mm
da min.	31.5 mm
Da max.	55.5 mm
ra max.	1 mm
Weight	0.335 Kg
Basic dynamic load rating (C)	24.4 kN
Basic static load rating (C0)	6.60 kN
(Grease) Lubrication Speed	9400 r/min
(Oil) Lubrication Speed	13000 r/min
Calculation factor (e)	0.46
Calculation factor (Y0)	1.42
Calculation factor (Y1)	1.36
Bearing No.	2305
r(min)	1.1
Cr	24.5

C0r	6.55
Cu	0.42
Grease lub.	9400
Oil lub.	13000
da(min)	31.5
Da(max)	55.5
ra(max)	1
e	0.46
Y1	1.36
Y2	2.10
Y0	1.42
(Refer.) Mass (kg)	0.335