



# ISO BEARING-SINGAPORE (PTE)LTD.



25 mm x 52 mm x 15 mm KOYO 30205XR tapered roller bearings

Bearing No. 30205XR

30205XR Bearing 2D drawings and 3D CAD models

Size	25x52x16.25 mm
Bore Diameter	25 mm
Outer Diameter	52 mm
Width	16,25 mm
d	25 mm
D	52 mm
T	16,25 mm
B	15 mm
C	12 mm
a	14,9 mm
r min.	1 mm
r2 min.	1 mm
da min.	30,5 mm
da max	30 mm
Da min	41 mm
Da max.	46,5 mm
Db min.	49 mm
ra max.	1 mm
rb max.	1 mm
Weight	0,155 Kg
Basic dynamic load rating (C)	30,4 kN
Basic static load rating (C0)	32,4 kN
(Grease) Lubrication Speed	7900 r/min
(Oil) Lubrication Speed	11000 r/min
Calculation factor (e)	0,58



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Calculation factor (Y0)	0,57
Bearing No.	30205XR
r(min)	1
r1(min)	1
Cr	38.0
C0r	32.4
Cu	4.45
Grease lub.	7900
Oil lub.	11000
a	14.9 mm
da(min)	30.5
db(max)	30
Da(max)	46.5
Da(min)	41
Db(min)	49
Sa(min)	2
Sb(min)	4
ra(max)	1
rb(max)	1
e	0.58
Y1	1.04
Y0	0.57
(Refer.) Mass(kg)	0.155