



Bearings International Co., Ltd



KOYO 30318R tapered roller bearings

Bearing No. 30318R

Size	90x190x46.5 mm
Bore Diameter	90 mm
Outer Diameter	190 mm
Width	46,5 mm
d	90 mm
D	190 mm
T	46,5 mm
B	43 mm
C	36 mm
a	37,2 mm
r min.	4 mm
r2 min.	3 mm
da min.	108 mm
da max	113 mm
Da min	165 mm
Da max.	176 mm
Db min.	177 mm
ra max.	3 mm
rb max.	2,5 mm
Weight	5,78 Kg
Basic dynamic load rating (C)	336 kN
Basic static load rating (C0)	407 kN
(Grease) Lubrication Speed	2100 r/min
(Oil) Lubrication Speed	2700 r/min
Calculation factor (e)	0,35
Calculation factor (Y0)	0,95

30318R Bearing 2D drawings and 3D CAD models



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Bearing No.	30318R
r(min)	4
r1(min)	3
Cr	421
C0r	407
Cu	55.5
Grease lub.	2100
Oil lub.	2700
a	37.2 mm
da(min)	108
db(max)	113
Da(max)	176
Da(min)	165
Db(min)	177
Sa(min)	5
Sb(min)	10.5
ra(max)	3
rb(max)	2.5
e	0.35
Y1	1.73
Y0	0.95
(Refer.) Mass(kg)	5.78