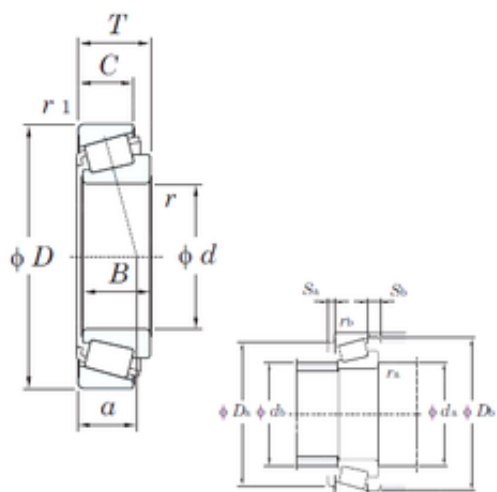




Bearing Rolamentos do Brasil Ltda.



90 mm x 190 mm x 43 mm KOYO 30318DR
tapered roller bearings

Bearing No. 30318DR

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	30 mm
a	59,1 mm
r min.	4 mm
r2 min.	3 mm
da min.	108 mm
da max	109 mm
Da min	151 mm
Da max.	176 mm
Db min.	179 mm
ra max.	3 mm
rb max.	2,5 mm
Weight	5,6 Kg
Basic dynamic load rating (C)	282 kN
Basic static load rating (C0)	336 kN
(Grease) Lubrication Speed	1700 r/min
(Oil) Lubrication Speed	2400 r/min
Calculation factor (e)	0,81

30318DR Bearing 2D drawings and 3D CAD models



Bearing Rolamentos do Brasil Ltda.

Calculation factor (Y0)	0,41
Category	Tapered Roller Bearing Assemblies
Inventory	1.0
Manufacturer Name	KOYO
Minimum Buy Quantity	N/A
Weight / Kilogram	5.61
Product Group	B04334
Precision Class	Standard
Component	Assembly
Basic Number	30318
Number of Tapered Rows	Single Row
Inch - Metric	Metric
Other Features	High Load Capacity Steep Contact Angle
Long Description	Assembly; Standard Precision; 90MM Bore; 190MM Outside Diameter; 46.5MM Assembly Width; Single Row of Rollers
Category	Tapered Roller Bearings Assembly
UNSPSC	31171516
Harmonized Tariff Code	8482.20.00.00
Noun	Bearing
Keyword String	Tapered
Manufacturer URL	http://www.koyousa.com
Manufacturer Item Number	30318DR
Weight / LBS	12.346
Assembly Width	1.831 Inch 46.5 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter
Bore	3.543 Inch 90 Millimeter
Flange Outside Diameter	0 Inch 0 Millimeter
Bearing No.	30318DR



Bearing Rolamentos do Brasil Ltda.

r(min)	4
r1(min)	3
Cr	352
C0r	336
Cu	44.9
Grease lub.	1700
Oil lub.	2400
a	59.1 mm
da(min)	108
db(max)	109
Da(max)	176
Da(min)	151
Db(min)	179
Sa(min)	6
Sb(min)	16.5
ra(max)	3
rb(max)	2.5
e	0.81
Y1	0.74
Y0	0.41
(Refer.)Mass(kg)	5.60