



# NTN BEARING CORP.OF America LTD.



## SKF Deep Groove Ball Bearing 6300 6301 6302 6303 6304 6305 -2z -2rsh -2RS1 /C3

Bearing No. 6300

6300 Bearing 2D drawings and 3D CAD models

Size	10x35x11 mm
Bore Diameter	10 mm
Outer Diameter	35 mm
Width	11 mm
d	10 mm
D	35 mm
B	11 mm
C	11 mm
d1	17,5 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
D1	26,9 mm
D2	28,7 mm
da min.	14,2 mm
Da max.	30,8 mm
rc max.	0,6 mm
Weight	0,053 Kg
Basic dynamic load rating (C)	8,52 kN
Basic static load rating (C0)	3,4 kN
Fatigue load limit (Pu)	0,143
Reference speed	50000 r/min
Limiting speed	32000 r/min
Calculation factor (f0)	11
Category	Single Row Ball Bearings
Inventory	0.0



## NTN BEARING CORP.OF America LTD.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.05
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	10MM Bore; 35MM Outside Diameter; 11MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6300
Weight / LBS	0.12
Bore	0.394 Inch   10 Millimeter
Outside Diameter	1.378 Inch   35 Millimeter
Outer Race Width	0.433 Inch   11 Millimeter
d <sub>1</sub>	17.5 mm
D <sub>2</sub>	28.68 mm



## NTN BEARING CORP.OF America LTD.

$d_a$ min.	14.2 mm
$D_a$ max.	30.8 mm
$r_a$ max.	0.6 mm
Basic dynamic load rating C	8.52 kN
Basic static load rating $C_0$	3.4 kN
Fatigue load limit $P_u$	0.143 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	11
Mass bearing	0.053 kg