



061.30.1500.201.21.1523 Rothe erde slewing ring



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
r min.	0,6 mm
da min.	14 mm
da max	17 mm
Da max.	31 mm
ra max.	0,6 mm
Weight	0,053 Kg
Basic dynamic load rating (C)	8,2 kN
Basic static load rating (C0)	3,5 kN
(Grease) Lubrication Speed	23 000 r/min
(Oil) Lubrication Speed	27 000 r/min
rs min	0.6 mm
Radial clearance class	CN
Mass	0.05 kg
Dynamic load, C	8.2 kN
Static load, C0	3.5 kN
Fatigue limit load, Cu	0.16 kN
f0	11.4
Nlim (oil)	27,000 rpm



Nlim (grease)	23,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.35 Hz
Characteristic rolling element frequency, BSF	2.94 Hz
Characteristic outer ring frequency, BPF0	2.08 Hz
Characteristic inner ring frequency, BPF1	3.92 Hz
da min	14 mm
Da max	31 mm
ra max	0.6 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.053
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 Width; Open;



	Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.ntnamerica.com
Manufacturer Item Number	6300
Weight / LBS	0.1165
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	1.378 Inch 35 Millimeter
Outer Race Width	0.433 Inch 11 Millimeter
Bore	0.394 Inch 10 Millimeter
bore diameter:	10 mm
precision rating:	Class 0
outside diameter:	35 mm
finish/coating:	Uncoated
overall width:	11 mm
bearing material:	High Carbon Chrome Steel
bore type:	Round
cage material:	Steel
closure type:	Open
inner ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
outer ring width:	11 mm
snap ring included:	Without Snap Ring
maximum rpm (grease):	23000 rpm



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internal clearance:	CN
maximum rpm (oil):	27000 rpm
operating temperature range:	-40 to 120 ° C
fillet radius:	0.6 mm
dynamic load capacity:	8200 N
manufacturer product page:	Click here
static load capacity:	3500 N