



### Bearing No. 6405

D	80 mm
d	25 mm
B	21 mm
C	21 mm
f0	11.6
Bore	0.984 Inch   25 Millimeter
Noun	Bearing
Mass	0.53 kg
Da max	72 mm
UNSPSC	31171504
r min.	1,5 mm
rs min	1.5 mm
da min	33 mm
Weight	0,53 Kg
ra max	1.5 mm
Da max.	72 mm
ra max.	1,5 mm
da min.	33 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	25x80x21
Nlim (oil)	12,000 rpm
bore type:	Round
Width (mm)	21
Weight / LBS	1.17
maximum rpm:	6900 RPM

Nlim (grease)	10,000 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	25 mm
cage material:	Steel
fillet radius:	1.5 mm
overall width:	21 mm
Bearing number	6405
Dynamic load, C	34.5 kN
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	17.5 kN
Manufacturer URL	<a href="http://www.ntnamerica.com">http://www.ntnamerica.com</a>
Outer Race Width	0.827 Inch   21 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Long Description	25MM Bore; 80MM Outside Diameter; 21MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
outer ring width:	21 mm
inner ring width:	21 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	80 mm
Weight / Kilogram	0.525

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	12000 rpm
Internal Clearance	C3-Loose
Bore Diameter (mm)	25
Outer Diameter (mm)	80
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	10000 rpm
static load capacity:	17500 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	34500 N
Fatigue limit load, Cu	0.8 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	12 000 r/min
Manufacturer Item Number	6405
Internal Special Features	No
(Grease) Lubrication Speed	10 000 r/min
manufacturer product page:	<a href="#">Click here</a>
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	17,5 kN
Basic dynamic load rating (C)	34,5 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.35 Hz
Characteristic inner ring frequency, BPF1	3.91 Hz
Characteristic outer ring frequency, BPF0	2.09 Hz
Characteristic rolling element frequency, BSF	3 Hz