



Bearing No. 6403

D	62 mm
d	17 mm
B	17 mm
C	17 mm
f0	11.1
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
Mass	0.27 kg
Da max	55.5 mm
UNSPSC	31171504
r min.	1,1 mm
rs min	1.1 mm
da min	23.5 mm
Weight	0,27 Kg
ra max	1 mm
Da max.	55,5 mm
ra max.	1 mm
da min.	23,5 mm
series:	64
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	17x62x17
Nlim (oil)	16,000 rpm
bore type:	Round
Width (mm)	17
Weight / LBS	0.595
maximum rpm:	16000 RPM

Nlim (grease)	14,000 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	17 mm
cage material:	Steel
fillet radius:	1.1 mm
overall width:	17 mm
Bearing number	6403
Dynamic load, C	22.7 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	10.8 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	2.441 Inch 62 Millimeter
Long Description	17MM Bore; 62MM Outside Diameter; 17MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.669 Inch 17 Millimeter
outer ring width:	17 mm
inner ring width:	17 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	62 mm
Weight / Kilogram	0.27

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	16000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	17
Outer Diameter (mm)	62
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	14000 rpm
static load capacity:	10800 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	22700 N
Fatigue limit load, Cu	0.49 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	16 000 r/min
Manufacturer Item Number	6403
Internal Special Features	No
(Grease) Lubrication Speed	14 000 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	10,8 kN
Basic dynamic load rating (C)	22,7 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.34 Hz
Characteristic inner ring frequency, BPF1	3.96 Hz
Characteristic outer ring frequency, BPF0	2.04 Hz
Characteristic rolling element frequency, BSF	2.79 Hz