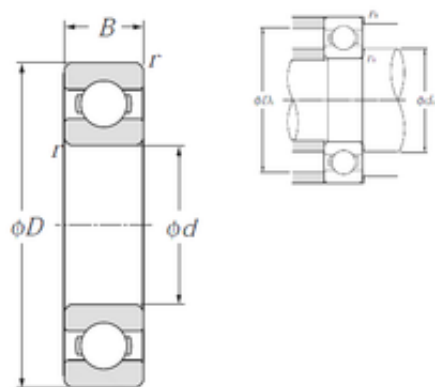




Bearing No. 16009

D	75 mm
d	45 mm
B	10 mm
C	10 mm
f0	16.2
Bore	1.772 Inch 45 Millimeter
Noun	Bearing
Mass	0.17 kg
Da max	71 mm
UNSPSC	31171504
r min.	0,6 mm
rs min	0.6 mm
da min	49 mm
Weight	0,171 Kg
ra max	0.6 mm
Da max.	71 mm
ra max.	0,6 mm
da min.	49 mm
series:	600
Category	Single Row Ball Bearing
Snap Ring	No
Inventory	0.0
Enclosure	Open
Size (mm)	45x75x10
Nlim (oil)	11,000 rpm
bore type:	Round
Width (mm)	10
Weight / LBS	0.369
maximum rpm:	11000 RPM

Nlim (grease)	9,200 rpm
Product Group	B00308
Inch - Metric	Metric
Cage Material	Steel
closure type:	Open
Keyword String	Ball
bore diameter:	45 mm
cage material:	Steel
fillet radius:	0.6 mm
overall width:	10 mm
Bearing number	16009
Dynamic load, C	12.9 kN
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Static load, C0	10.5 kN
Manufacturer URL	http://www.ntnamerica.com
Outside Diameter	2.953 Inch 75 Millimeter
Long Description	45MM Bore; 75MM Outside Diameter; 10MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.394 Inch 10 Millimeter
outer ring width:	10 mm
inner ring width:	10 mm
bearing material:	High Carbon Chrome Steel
outside diameter:	75 mm
Weight / Kilogram	0.17

precision rating:	Class 0
Manufacturer Name	NTN
maximum rpm (oil):	11000 rpm
Internal Clearance	C0-Medium
Bore Diameter (mm)	45
Outer Diameter (mm)	75
internal clearance:	CN
snap ring included:	Without Snap Ring
Minimum Buy Quantity	N/A
maximum rpm (grease):	9200 rpm
static load capacity:	10500 N
row type & fill slot:	Single Row Non-Fill Slot
Radial clearance class	CN
dynamic load capacity:	12900 N
Fatigue limit load, Cu	0.48 kN
Harmonized Tariff Code	8482.10.50.68
(Oil) Lubrication Speed	11 000 r/min
Manufacturer Item Number	16009
Internal Special Features	No
(Grease) Lubrication Speed	9 200 r/min
manufacturer product page:	Click here
operating temperature range:	-40 to 120 °C
Basic static load rating (C0)	10,5 kN
Basic dynamic load rating (C)	12,9 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C

Maximum Capacity / Filling Slot	No
Characteristic cage frequency, FTF	0.45 Hz
Characteristic inner ring frequency, BPFI	8.85 Hz
Characteristic outer ring frequency, BPF0	7.15 Hz
Characteristic rolling element frequency, BSF	9.34 Hz