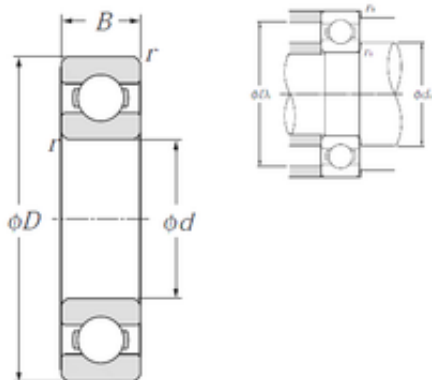




BEARING-MALAYSIA SDN.BHD.

17 mm x 35 mm x 8 mm NTN 16003 deep groove ball bearings



Bearing No. 16003

Size	17x35x8 mm
Bore Diameter	17 mm
Outer Diameter	35 mm
Width	8 mm
d	17 mm
D	35 mm
B	8 mm
C	8 mm
r min.	0,3 mm
da min.	19 mm
Da max.	33 mm
ra max.	0,3 mm
Weight	0,032 Kg
Basic dynamic load rating (C)	6,8 kN
Basic static load rating (C0)	3,35 kN
(Grease) Lubrication Speed	20 000 r/min
(Oil) Lubrication Speed	24 000 r/min
rs min	0.3 mm
Radial clearance class	CN
Mass	0.03 kg
Dynamic load, C	6.8 kN
Static load, C0	3.35 kN
Fatigue limit load, Cu	0.15 kN
f0	13.6
Nlim (oil)	24,000 rpm

16003 Bearing 2D drawings and 3D CAD models



BEARING-MALAYSIA SDN.BHD.

Nlim (grease)	20,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.47 Hz
Characteristic outer ring frequency, BPF0	3.14 Hz
Characteristic inner ring frequency, BRF1	4.86 Hz
da min	19 mm
Da max	33 mm
ra max	0.3 mm
Category	Single Row Ball Bearings
Inventory	1.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.032
EAN	4547359010091
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	17MM Bore; 35MM Outside Diameter; 8MM



BEARING-MALAYSIA SDN.BHD.

	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	http://www.ntnamerica.com
Manufacturer Item Number	16003
Weight / LBS	0.07
Bore	0.669 Inch 17 Millimeter
Outer Race Width	0.315 Inch 8 Millimeter
Outside Diameter	1.378 Inch 35 Millimeter
bore diameter:	17 mm
finish/coating:	Uncoated
outside diameter:	35 mm
bearing material:	High Carbon Chrome Steel
overall width:	8 mm
cage material:	Steel
bore type:	Round
inner ring width:	8 mm
closure type:	Open
outer ring width:	8 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	20000 rpm
snap ring included:	Without Snap Ring
maximum rpm (oil):	24000 rpm
internal clearance:	CN
fillet radius:	0.3 mm
operating temperature	-40 to 120 ° C



BEARING-MALAYSIA SDN.BHD.

range:	
maximum rpm:	24000 RPM
dynamic load capacity:	6800 N
series:	600
static load capacity:	3350 N
manufacturer product page:	Click here
precision rating:	Class 0