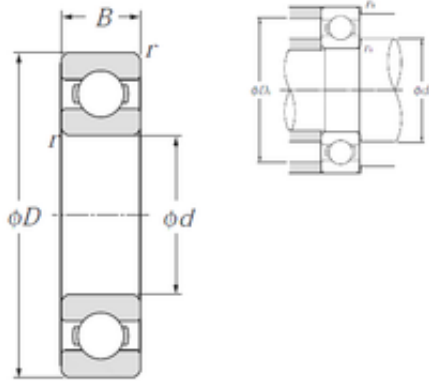




Bearing Argentina, S.A.



90 mm x 160 mm x 30 mm RB18025UCC0
Separable Outer Ring Crossed Roller Bearing
180x240x25mm

Bearing No. 6218

6218 Bearing 2D drawings and 3D CAD models

Size	90x160x30 mm
Bore Diameter	90 mm
Outer Diameter	160 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
C	30 mm
r min.	2 mm
da min.	99 mm
da max	109 mm
Da max.	151 mm
ra max.	2 mm
Weight	2,15 Kg
Basic dynamic load rating (C)	96 kN
Basic static load rating (C0)	71,5 kN
(Grease) Lubrication Speed	4 000 r/min
(Oil) Lubrication Speed	4 700 r/min
rs min	2 mm
Radial clearance class	CN
Mass	2.15 kg
Dynamic load, C	96 kN
Static load, C0	71.5 kN
Fatigue limit load, Cu	2.9 kN



Bearing Argentina, S.A.

f0	14.5
Nlim (oil)	4,700 rpm
Nlim (grease)	4,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.45 Hz
Characteristic outer ring frequency, BPF0	4.11 Hz
Characteristic inner ring frequency, BRFI	5.89 Hz
da min	99 mm
Da max	151 mm
ra max	2 mm
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.144
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



Bearing Argentina, S.A.

Long Description	90MM Bore; 160MM Outside Diameter; 30MM 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	6218
Weight / LBS	4.74
Outer Race Width	1.181 Inch 30 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Bore	3.543 Inch 90 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
bore diameter:	90 mm
finish/coating:	Uncoated
outside diameter:	160 mm
bearing material:	High Carbon Chrome Steel
overall width:	30 mm
cage material:	Steel
bore type:	Round
inner ring width:	30 mm
closure type:	Open
outer ring width:	30 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	4000 rpm



Bearing Argentina, S.A.

snap ring included:	Without Snap Ring
maximum rpm (oil):	4700 rpm
internal clearance:	CN
fillet radius:	2 mm
operating temperature range:	-40 to 120 ° C
maximum rpm:	4700 RPM
dynamic load capacity:	96000 N
series:	62
static load capacity:	71500 N
manufacturer product page:	Click here
precision rating:	Class 0