

Toyana 7019 B-UD angular contact ball bearings

Toyana 7019 B-UD angular contact ball bearings manufacturer and 85 Outer Diameter (mm) global supplier of reliable ball and roller ... Toyana 7019 B-UD angular contact ball bearings Industries Products Manufacturing & Engineering and Agricultural Bearings 45x85x19 Size (mm) designed to meet the unique requirements of our targeted industries.

Size (mm)	45x85x19
Bore Diameter (mm)	45
Outer Diameter (mm)	85
Width (mm)	19
d	45 mm
D	85 mm
B	19 mm
C	19 mm
rn	0,5 mm
a	3,28 mm
b	1,9 mm
f	1,7 mm
r min.	1,1 mm
r θ max.	0,6 mm
D1	81,81 mm
D2	91,6 mm
da min.	51,5 mm
da max	55,5 mm
Da max.	78,5 mm
ra max.	1 mm

Dx	93 mm
Cy	4,6 mm
Cz	1,7 mm
Weight	0,398 Kg
Basic dynamic load rating (C)	32,5 kN
Basic static load rating (C0)	20,4 kN
(Grease) Lubrication Speed	7 800 r/min
(Oil) Lubrication Speed	9 200 r/min
a min	3.07 mm
a max	3.28 mm
Ca min	4.67 mm
Ca max	4.98 mm
rs min	1.1 mm
rNs min	0.5 mm
D3 max	81.81 mm
b min	1.9 mm
b max	2.2 mm
r0 max	0.6 mm
D4 max	91.6 mm
Snap ring reference	R85
Radial clearance class	CN
Mass	0.4 kg
Dynamic load, C	32.5 kN
Static load, C0	20.4 kN
Fatigue limit load, Cu	0.93 kN
f0	14.1
Nlim (oil)	9,200 rpm
Nlim (grease)	7,800 rpm
Min operating temperature, Tmin	-20 °C

Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.92 Hz
Characteristic outer ring frequency, BPF0	3.62 Hz
Characteristic inner ring frequency, BRFI	5.38 Hz
da min	51.5 mm
Da max	78.5 mm
ra max	1 mm
rNa max	0.5 mm
Db min	93 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.4
EAN	4547359364828
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	Yes
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch – Metric	Metric

Long Description	45MM Bore; 85MM Outside Diameter; 19MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6209.NR
Weight / LBS	0.881
Outside Diameter	3.346 Inch 85 Millimeter
Outer Race Width	0.748 Inch 19 Millimeter
Bore	1.772 Inch 45 Millimeter
bore diameter:	45 mm
finish/coating:	Uncoated
outside diameter:	85 mm
bearing material:	High Carbon Chrome Steel
overall width:	19 mm
cage material:	Steel
bore type:	Round
inner ring width:	19 mm
closure type:	Open
outer ring width:	19 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm (grease):	7800 rpm
snap ring included:	With Snap Ring

maximum rpm (oil):	9200 rpm
internal clearance:	CN
fillet radius:	1.1 mm
operating temperature range:	-40 to 120 °C
maximum rpm:	9200 RPM
dynamic load capacity:	32500 N
series:	62
static load capacity:	20400 N
manufacturer product page:	Click here
precision rating:	ISO Class 0