

FAG 32016-X tapered roller bearings

What is FAG 32016-X tapered roller bearings in mechanical engineering? Manufacturing Service . Upload 40 mm d your CAD file 23 mm B for an instant.

d	40 mm
D	90 mm
B	23 mm
E	80 mm
F	52 mm
rs min	1.5 mm
r1s min	1.5 mm
Radial clearance class	C3
Mass (without HJ ring)	0.71 kg
Dynamic load, C	83 kN
Static load, C0	81.5 kN
Fatigue limit load, Cu	9.9 kN
Nlim (oil)	8,500 rpm
Nlim (grease)	7,200 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.5 Hz
Characteristic outer ring frequency, BPF0	4.73 Hz

Characteristic inner ring frequency, BPF1	7.27 Hz
da min	48 mm
da max	51 mm
db min	55 mm
Da max	82 mm
ra max	1.5 mm
r1a max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0.699
EAN	4547359493672
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring – Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C3-Loose
Retainer	Yes
Relubricatable	Yes
Inch – Metric	Metric
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID

Long Description	40MM Bore; Straight Bore Profile; 90MM Outside Diameter; 23MM Width; Brass Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NU308EG1C3
Weight / LBS	1.529
Width	0.906 Inch 23 Millimeter
Bore	1.575 Inch 40 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
bore diameter:	40 mm
static load capacity:	81500 N
outside diameter:	90 mm
precision rating:	ISO Class 0
overall width:	23 mm
maximum rpm:	8500 rpm
flanges:	(2) Outer Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	High Strength Machined Brass Rivetless w/ square holes
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C3
closure type:	Open
ring separation:	Separable Inner Ring
fillet radius:	1.5 mm

operating temperature range:	-40 to 120 °C
manufacturer product page:	Click here
dynamic load capacity:	83000 N