

# Toyana M272749/10 tapered roller bearings

The online Toyana M272749/10 tapered roller bearings parts store gives you immediate access to a selection 80x25x21 Size (mm) of more than 1.4 million new, used, remanufactured.

Size (mm)	80x25x21
Bore Diameter (mm)	80
Outer Diameter (mm)	25
Width (mm)	21
d	25 mm
D	80 mm
B	21 mm
d1	49.2 mm
d2	40.32 mm
D1	60.2 mm
a	33 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1.5 mm
da – min.	55 mm
Da – max.	110 mm
Db – max.	71.1 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	39.7 kN
Basic static load rating – C0	23.6 kN
Fatigue load limit – Pu	1 kN
Reference speed	11000 r/min

Limiting speed	11000 r/min
Calculation factor – kr	0.1
Calculation factor – ka	1.6
Calculation factor – e	1.14
Calculation factor – X	0.35
Calculation factor – Y0	0.26
Calculation factor – Y1	0.55
Calculation factor – Y2	0.57
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.61
EAN	7316576651182
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3   ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch – Metric	Metric

Long Description	25MM Bore; 80MM Outside Diameter; 21MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Ba
Other Features	Normal Axial Internal Clearance
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7405 BCBM
Weight / LBS	1.345
Outside Diameter	3.15 Inch   80 Millimeter
Bore	0.984 Inch   25 Millimeter
Width	0.827 Inch   21 Millimeter
bore diameter:	25 mm
radial static load capacity:	23.6 kN
outside diameter:	80 mm
cage material:	Brass
overall width:	21 mm
outer ring width:	21 mm
contact angle:	40 °
maximum rpm:	11000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	1.5 mm
radial dynamic load capacity:	39.7 kN

series:	74
d1 ≈	49.2 mm
d2 ≈	40.32 mm
D1 ≈	60.2 mm
r1,2 min.	1.5 mm
r3,4 min.	1.5 mm
da min.	55 mm
Da max.	110 mm
Db max.	71.1 mm
ra max.	2 mm
rb max.	2 mm
Basic dynamic load rating C	39.7 kN
Basic static load rating C0	23.6 kN
Fatigue load limit Pu	1 kN
Calculation factor A	0.0108
Calculation factor kr	0.1
Calculation factor e	1.14
Calculation factor X	0.57
Calculation factor Y0	0.52
Calculation factor Y2	0.93
Calculation factor Y1	0.55
Mass bearing	0.61 kg