

INA B40 thrust ball bearings

INA B40 thrust ball bearings with easy-to-use parts graphics, giving you the ability to check parts availability, 150x85x28 Size (mm) pricing, examine remanufactured options.

Size (mm)	150x85x28
Bore Diameter (mm)	150
Outer Diameter (mm)	85
Width (mm)	28
d	85 mm
D	150 mm
B	28 mm
d1	110.1 mm
d2	97.02 mm
D1	126.7 mm
a	63 mm
r1,2 – min.	2 mm
r3,4 – min.	1 mm
da – min.	96 mm
Da – max.	139 mm
Db – max.	144 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	102 kN
Basic static load rating – C0	90 kN
Fatigue load limit – Pu	3.6 kN
Reference speed	5300 r/min
Limiting speed	5300 r/min

Calculation factor – kr	0.095
Calculation factor – ka	1.4
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	1.83
EAN	7316576633638
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	Polymer
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch – Metric	Metric
Long Description	85MM Bore; 150MM Outside Diameter; 28MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B

Other Features	Normal Axial Internal Clearance
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7217 BECBP
Weight / LBS	4.028
Bore	3.346 Inch 85 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Width	1.102 Inch 28 Millimeter
bore diameter:	85 mm
radial static load capacity:	90 kN
outside diameter:	150 mm
cage material:	Nylon
overall width:	28 mm
outer ring width:	28 mm
contact angle:	40 °
maximum rpm:	5300 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	102 kN
series:	72
d1 ≈	110.1 mm
d2 ≈	97.02 mm

D1 ≈	126.7 mm
r1,2 min.	2 mm
r3,4 min.	1 mm
da min.	96 mm
Da max.	139 mm
Db max.	144 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	102 kN
Basic static load rating C0	90 kN
Fatigue load limit Pu	3.55 kN
Calculation factor A	0.114
Calculation factor kr	0.095
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	1.85 kg