

# INA RAK1-11/16 bearing units

What 90 Outer Diameter (mm) are the 190 Bore Diameter (mm) dimensions of a INA RAK1-11/16 bearing units? Manufacturing Service . Get Your Free, Instant Quote 190x90x43 Size (mm)

Size (mm)	190x90x43
Bore Diameter (mm)	190
Outer Diameter (mm)	90
Width (mm)	43
d	90 mm
D	190 mm
B	43 mm
d1	129.2 mm
d2	108.97 mm
D1	153.1 mm
a	80 mm
r1,2 – min.	3 mm
r3,4 – min.	1.1 mm
da – min.	104 mm
Da – max.	176 mm
Db – max.	183 mm
ra – max.	2.5 mm
rb – max.	1 mm
Basic dynamic load rating – C	156 kN
Basic static load rating – C0	134 kN
Fatigue load limit – Pu	4.8 kN
Reference speed	4000 r/min
Limiting speed	4000 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	5.23
EAN	7316577065926
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	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch – Metric	Metric

Long Description	90MM Bore; 190MM Outside Diameter; 43MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of B
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer Item Number	7318 BEGAY
Weight / LBS	11.508
Outside Diameter	7.48 Inch   190 Millimeter
Width	1.693 Inch   43 Millimeter
Bore	3.543 Inch   90 Millimeter
bore diameter:	90 mm
radial static load capacity:	146 kN
outside diameter:	190 mm
cage material:	Brass
overall width:	43 mm
outer ring width:	43 mm
contact angle:	40 °
maximum rpm:	4000 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:	2.5 mm
radial dynamic load capacity:	165 kN
series:	73
d1 ≈	129.2 mm

d2 ≈	108.97 mm
D1 ≈	153.1 mm
r1,2 min.	3 mm
r3,4 min.	1.1 mm
da min.	104 mm
Da max.	176 mm
Db max.	183 mm
ra max.	2.5 mm
rb max.	1 mm
Basic dynamic load rating C	156 kN
Basic static load rating C0	134 kN
Fatigue load limit Pu	4.8 kN
Calculation factor A	0.333
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	5.2 kg