

ISO 7040 ADF angular contact ball bearings

What are the dimensions of a ISO 7040 ADF angular contact ball bearings? Manufacturing Service . Get Your 280x180x46 Size (mm) Free, Instant Quote

Size (mm)	280x180x46
Bore Diameter (mm)	280
Outer Diameter (mm)	180
Width (mm)	46
d	180 mm
D	280 mm
B	46 mm
d1	219.4 mm
d2	201.75 mm
D1	243.1 mm
a	119 mm
r1,2 – min.	2.1 mm
r3,4 – min.	1.1 mm
da – min.	192 mm
Da – max.	268 mm
Db – max.	273 mm
ra – max.	2 mm
rb – max.	1 mm
Basic dynamic load rating – C	195 kN
Basic static load rating – C0	240 kN
Fatigue load limit – Pu	6.7 kN
Reference speed	2400 r/min

Limiting speed	2600 r/min
Calculation factor – kr	0.083
Calculation factor – ka	0.9
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	9.95
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch – Metric	Metric
Long Description	180MM Bore; 280MM Outside Diameter; 46MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of

UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Bore	7.087 Inch 180 Millimeter
Width	1.811 Inch 46 Millimeter
Outside Diameter	11.024 Inch 280 Millimeter
d1 ≈	219.4 mm
d2 ≈	201.75 mm
D1 ≈	243.1 mm
r1,2 min.	2.1 mm
r3,4 min.	1.1 mm
da min.	192 mm
Da max.	268 mm
Db max.	273 mm
ra max.	2 mm
rb max.	1 mm
Basic dynamic load rating C	195 kN
Basic static load rating C0	240 kN
Fatigue load limit Pu	6.7 kN
Calculation factor A	0.912
Calculation factor kr	0.083
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	10 kg