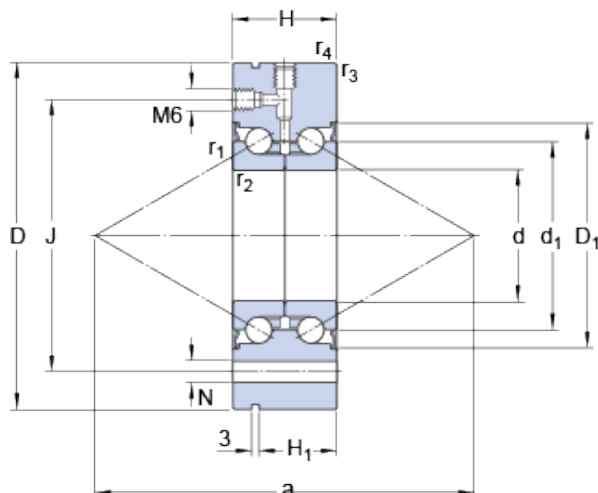




AMERICAN BEARING MFG.CORP.

SKF BEAM 050140-2RS thrust ball bearings

Bearing No. BEAM 050140-2RS



BEAM 050140-2RS Bearing 2D drawings and 3D CAD models

Size	50x140x54 mm
Bore Diameter	50 mm
Outer Diameter	140 mm
Width	54 mm
d	50 mm
D	140 mm
H	54 mm
d ₁	80 mm
D ₁	98 mm
H ₁	45 mm
r _{1,2} - min.	0.6 mm
r _{3,4} - min.	0.6 mm
a	166 mm
J	113 mm
H	11 mm
d _a - min.	63 mm
D _a - max.	98 mm
r _a - max.	0.6 mm
Basic dynamic load rating - C	114 kN
Basic static load rating - C ₀	250 kN
Fatigue load limit - P _u	9.3 kN
Limiting speed	1700 r/min
Preload	5720 N
Frictional moment	2.6 N · m
Static Axial rigidity	1350 N/micron



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Mass bearing	4.7 kg
Required attachment bolt size	M10
Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
Enclosure	2 Seals
Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	60 Degree
Raceway Style	Not Applicable
Cage Material	Polyamide
Rolling Element	Ball Bearing
Enclosure Type	Contact Seal
Flush Ground	No
Inch - Metric	Metric
Other Features	Double Row Angular Contact Thrust Bearing Double Direction
Long Description	50MM Bore; 140MM Outside Diameter; 54MM Width; 2 Seals Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing



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Keyword String	Ball Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	BEAM 050140-2RS
Weight / LBS	0.408
Bore	1.969 Inch 50 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Width	2.126 Inch 54 Millimeter