



Bearing No. BEAM 040100-2RS

a	117 mm
d	40 mm
D	100 mm
H	8.8 mm
J	80 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.339 Inch 34 Millimeter
UNSPSC	31171531
Preload	2250 N
Category	Precision Ball Bearings
Enclosure	2 Seals
Size (mm)	40x100x34
Inventory	0.0
Width (mm)	34
Weight / LBS	0.126
Flush Ground	No
Mass bearing	1.45 kg
Product Group	B04270
Cage Material	Polyamide
Contact Angle	60 Degree
Raceway Style	Not Applicable
Inch - Metric	Metric
D ₁	68 mm
d ₁	58 mm
H ₁	25 mm
Bearing number	BEAM 040100-2RS
Limiting speed	2200 r/min

Other Features	Double Row Angular Contact Thrust Bearing Double Direction
Keyword String	Ball Angular Contact
Enclosure Type	Contact Seal
Rolling Element	Ball Bearing
Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Long Description	40MM Bore; 100MM Outside Diameter; 34MM Width; 2 Seals Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Outside Diameter	3.937 Inch 100 Millimeter
Manufacturer URL	http://www.skf.com
Frictional moment	0.7 N·m
Weight / Kilogram	0
Manufacturer Name	SKF
Bore Diameter (mm)	40
Number of Bearings	1 (Single)
Outer Diameter (mm)	100
r_a - max.	0.6 mm
D_a - max.	68 mm
d_a - min.	50 mm
Minimum Buy Quantity	N/A
Static Axial rigidity	2250 N/micron
$r_{3,4}$ - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item	BEAM 040100-2RS

Number	
Basic dynamic load rating - C	43.6 kN
Required attachment bolt size	M8
Fatigue load limit - P _u	3.8 kN
Basic static load rating - C ₀	102 kN