



Bearing No. BEAM 030100-2RS

a	106 mm
d	30 mm
D	100 mm
H	8.8 mm
J	80 mm
Bore	1.181 Inch   30 Millimeter
Noun	Bearing
Width	1.496 Inch   38 Millimeter
UNSPSC	31171531
Preload	3900 N
Category	Precision Ball Bearings
Enclosure	2 Seals
Size (mm)	30x100x38
Inventory	0.0
Width (mm)	38
Weight / LBS	3.748
Flush Ground	No
Mass bearing	1.65 kg
Product Group	B04270
Cage Material	Polyamide
Contact Angle	60 Degree
Raceway Style	Not Applicable
Inch - Metric	Metric
D <sub>1</sub>	65 mm
d <sub>1</sub>	51 mm
H <sub>1</sub>	30 mm
Bearing number	BEAM 030100-2RS
Limiting speed	2600 r/min

Other Features	Double Row   Angular Contact Thrust Bearing   Super Precision   Double Direction
Keyword String	Angular Contact Ball
Enclosure Type	Contact Seal
Rolling Element	Ball Bearing
Precision Class	ABEC 7   ISO P4
Material - Ball	Steel
Long Description	30MM Bore; 100MM Outside Diameter; 38MM Width; 2 Seals Enclosure; ABEC 7   ISO P4 Precision; Steel Ball Material; 1 (Single) Bearings; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Outside Diameter	3.937 Inch   100 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Frictional moment	0.8 N·m
Weight / Kilogram	1.7
Manufacturer Name	SKF
Bore Diameter (mm)	30
Number of Bearings	1 (Single)
Outer Diameter (mm)	100
r <sub>a</sub> - max.	0.6 mm
D <sub>a</sub> - max.	65 mm
d <sub>a</sub> - min.	47 mm
Minimum Buy Quantity	N/A
Static Axial rigidity	950 N/micron
r <sub>3,4</sub> - min.	0.6 mm
Harmonized Tariff Code	8482.10.50.28
r <sub>1,2</sub> - min.	0.3 mm

Manufacturer Item Number	BEAM 030100-2RS
Basic dynamic load rating - C	60 kN
Required attachment bolt size	M8
Fatigue load limit - $P_u$	4 kN
Basic static load rating - $C_0$	108 kN