



Bearing No. BEAM 030080-2RS

a	93 mm
d	30 mm
D	80 mm
H	6.8 mm
J	63 mm
Bore	1.181 Inch   30 Millimeter
Noun	Bearing
Width	1.102 Inch   28 Millimeter
UNSPSC	31171531
Preload	2170 N
Category	Precision Ball Bearings
Inventory	0.0
Size (mm)	30x80x28
Keyword 3	Angular Contact
Enclosure	2 Seals
Width (mm)	28
Flush Ground	No
Weight / LBS	1.72
Mass bearing	0.78 kg
Product Group	B04270
H <sub>1</sub>	19 mm
Inch - Metric	Metric
D <sub>1</sub>	54 mm
Cage Material	Polyamide
Raceway Style	Not Applicable
Contact Angle	60 Degree
d <sub>1</sub>	45.5 mm
Keyword String	Ball Thrust Angular

	Contact
Other Features	Double Row   Angular Contact Thrust Bearing
Enclosure Type	Non Contact Seal
Bearing number	BEAM 030080-2RS
Limiting speed	2600 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 7   ISO P4
Material - Ball	Steel
Outside Diameter	3.15 Inch   80 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	Double Row; 30MM Bore; 80MM Outside Diameter; 28MM Width; 2 Seals; ISO P4; Single; Polyamide Cage
Weight / Kilogram	0.78
Frictional moment	0.5 N·m
Manufacturer Name	SKF
Number of Bearings	1 (Single)
Bore Diameter (mm)	30
Outer Diameter (mm)	80
$d_a$ - min.	40 mm
$D_a$ - max.	54 mm
$r_a$ - max.	0.6 mm
Minimum Buy Quantity	N/A
Static Axial rigidity	870 N/micron
Harmonized Tariff Code	8482.10.50.28
$r_{3,4}$ - min.	0.6 mm
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	BEAM 030080-2RS
Required attachment bolt size	M6

Basic dynamic load rating - C	29.1 kN
Fatigue load limit - P <sub>u</sub>	2.4 kN
Basic static load rating - C <sub>0</sub>	64 kN