



Bearing No. BEAM 030080-2RS/PE

J	63 mm
a	93 mm
d	30 mm
D	80 mm
H	6.8 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
Enclosure	2 Seals
Width (mm)	28
Flush Ground	No
Mass bearing	0.78 kg
Weight / LBS	0.068
Inch - Metric	Metric
Cage Material	Polyamide
d <sub>1</sub>	45.5 mm
Raceway Style	Not Applicable
Contact Angle	60 Degree
D <sub>1</sub>	54 mm
Product Group	B04270
H <sub>1</sub>	19 mm
Other Features	Double Row   Angular Contact Thrust Bearing   Double Direction

Keyword String	Ball Angular Contact
Enclosure Type	Contact Seal
Bearing number	BEAM 030080-2RS/PE
Limiting speed	2600 r/min
Precision Class	ABEC 5   ISO P5
Material - Ball	Steel
Rolling Element	Ball Bearing
Outside Diameter	3.15 Inch   80 Millimeter
Long Description	30MM Bore; 80MM Outside Diameter; 28MM Width; 2 Seals Enclosure; ABEC 5   ISO P5 Precision; Steel Ball Material; 1 (Single) Bearing; 60 Degree Contact Angle; Polyamide Cage Material; Ball Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
Frictional moment	0.5 N·m
Weight / Kilogram	0.77
Bore Diameter (mm)	30
Number of Bearings	1 (Single)
Outer Diameter (mm)	80
d <sub>a</sub> - min.	40 mm
D <sub>a</sub> - max.	54 mm
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	0.6 mm
Static Axial rigidity	870 N/micron
Harmonized Tariff Code	8482.10.50.28
r <sub>3,4</sub> - min.	0.6 mm
r <sub>1,2</sub> - min.	0.3 mm
Basic dynamic load rating - C	29.1 kN

Required attachment bolt size	M6
Fatigue load limit - $P_u$	2.4 kN
Basic static load rating - $C_0$	64 kN