



## BEARING DRIVESHAFT, INC.



105 mm x 160 mm x 26 mm skf 6021 bearing

Bearing No. 6021

6021 Bearing 2D drawings and 3D CAD models

Size	160x105x26 mm
Bore Diameter	160 mm
Outer Diameter	105 mm
Width	26 mm
d	105 mm
D	160 mm
B	26 mm
d <sub>1</sub>	122.5 mm
D <sub>2</sub>	146.8 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	116 mm
D <sub>a</sub> - max.	149 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	76.1 kN
Basic static load rating - C <sub>0</sub>	65.5 kN
Fatigue load limit - P <sub>u</sub>	2.4 kN
Reference speed	8500 r/min
Limiting speed	5300 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	15.8
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.62



## BEARING DRIVESHAFT, INC.

Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	105MM Bore; 160MM Outside Diameter; 26MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6021
Weight / LBS	3.56
Outside Diameter	6.299 Inch   160 Millimeter
Outer Race Width	1.024 Inch   26 Millimeter
Bore	4.134 Inch   105 Millimeter
bore diameter:	105 mm
static load capacity:	65.5 kN
outside diameter:	160 mm
precision rating:	ABEC 1 (ISO Class Normal)



## BEARING DRIVESHAFT, INC.

overall width:	26 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	26 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	5300 RPM
internal clearance:	C0
series:	60
dynamic load capacity:	76.1 kN
$d_1$	122.5 mm
$D_2$	146.8 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	116 mm
$D_a$ max.	149 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	76.1 kN
Basic static load rating $C_0$	65.5 kN
Fatigue load limit $P_u$	2.4 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	15.8
Mass bearing	1.6 kg