



BEARING DRIVESHAFT, INC.



90 mm x 190 mm x 43 mm skf 6318 bearing

Bearing No. 6318

6318 Bearing 2D drawings and 3D CAD models

Size	190x90x43 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
d ₁	121.15 mm
D ₂	163.9 mm
r _{1,2} - min.	3 mm
d _a - min.	104 mm
D _a - max.	176 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	151 kN
Basic static load rating - C ₀	108 kN
Fatigue load limit - P _u	3.8 kN
Reference speed	7500 r/min
Limiting speed	4800 r/min
Calculation factor - k _r	0.03
Calculation factor - f ₀	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.987



BEARING DRIVESHAFT, INC.

EAN	7316577297952
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	90MM Bore; 190MM Outside Diameter; 43MM 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	http://www.skf.com
Manufacturer Item Number	6318
Weight / LBS	11
Outside Diameter	7.48 Inch 190 Millimeter
Bore	3.543 Inch 90 Millimeter
Outer Race Width	1.693 Inch 43 Millimeter
bore diameter:	90 mm
static load capacity:	108 kN
outside diameter:	190 mm
precision rating:	Not Rated



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overall width:	43 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	43 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	4800 RPM
internal clearance:	C0
series:	63
dynamic load capacity:	151 kN
d_1	121.15 mm
D_2	163.9 mm
$r_{1,2}$ min.	3 mm
d_a min.	104 mm
D_a max.	176 mm
r_a max.	2.5 mm
Basic dynamic load rating C	151 kN
Basic static load rating C_0	108 kN
Fatigue load limit P_u	3.8 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.3
Mass bearing	4.97 kg