



BEARING DRIVESHAFT, INC.



65 mm x 160 mm x 37 mm skf 6413 bearing

Bearing No. 6413

6413 Bearing 2D drawings and 3D CAD models

Size	160x65x37 mm
Bore Diameter	160 mm
Outer Diameter	65 mm
Width	37 mm
d	65 mm
D	160 mm
B	37 mm
d ₁	94 mm
D ₁	130.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	79 mm
D _a - max.	146 mm
r _a - max.	2 mm
Basic dynamic load rating - C	119 kN
Basic static load rating - C ₀	78 kN
Fatigue load limit - P _u	3.2 kN
Reference speed	9500 r/min
Limiting speed	6000 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.35



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	65MM Bore; 160MM Outside Diameter; 37MM 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	6413
Weight / LBS	7.38
Bore	2.559 Inch 65 Millimeter
Outside Diameter	6.299 Inch 160 Millimeter
Outer Race Width	1.457 Inch 37 Millimeter
bore diameter:	65 mm
static load capacity:	78 kN
outside diameter:	160 mm
precision rating:	ABEC 1 (ISO Class Normal)



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overall width:	37 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	37 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	6000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	119 kN
d_1	94 mm
D_1	130.5 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	79 mm
D_a max.	146 mm
r_a max.	2 mm
Basic dynamic load rating C	119 kN
Basic static load rating C_0	78 kN
Fatigue load limit P_u	3.15 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.3
Mass bearing	3.37 kg