



BEARING FORGE OF AMERICA CORP.



35 mm x 100 mm x 25 mm skf 6407 bearing

Bearing No. 6407

Size	35x100x25 mm
Bore Diameter	35 mm
Outer Diameter	100 mm
Width	25 mm
d	35 mm
D	100 mm
B	25 mm
C	25 mm
d1	57,4 mm
r1 min.	1,5 mm
r2 min.	1,5 mm
D1	79,6 mm
D2	– mm
da min.	46 mm
Da max.	89 mm
rc max.	1,5 mm
Weight	0,97 Kg
Basic dynamic load rating (C)	55,3 kN
Basic static load rating (C0)	31 kN
Fatigue load limit (Pu)	1,29
Reference speed	16000 r/min
Limiting speed	10000 r/min
Calculation factor (f0)	12
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF

6407 Bearing 2D drawings and 3D CAD models



BEARING FORGE OF AMERICA CORP.

Minimum Buy Quantity	N/A
Weight / Kilogram	0.98
EAN	7316576621031
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	35MM Bore; 100MM Outside Diameter; 25MM 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	6407
Weight / LBS	2.16
Bore	1.378 Inch 35 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
Outer Race Width	0.984 Inch 25 Millimeter
bore diameter:	35 mm
static load capacity:	31 kN



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outside diameter:	100 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	25 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	25 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	10000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	55.3 kN
d_1	57.45 mm
D_1	79.55 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	46 mm
D_a max.	89 mm
r_a max.	1.5 mm
Basic dynamic load rating C	55.3 kN
Basic static load rating C_0	31 kN
Fatigue load limit P_u	1.29 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.1
Mass bearing	0.97 kg