



# PFG BEARING LIMITED



## 35 mm x 100 mm x 25 mm skf 6407 bearing

Bearing No. 6407

6407 Bearing 2D drawings and 3D CAD models

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



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.98
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	<a href="http://www.skf.com">http://www.skf.com</a>
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
outside diameter:	100 mm



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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