



## Bearing No. 6407

D	100 mm
d	35 mm
B	25 mm
C	25 mm
D1	79,6 mm
D2	- mm
d1	57,4 mm
Noun	Bearing
Bore	1.378 Inch   35 Millimeter
UNSPSC	31171504
Weight	0,97 Kg
rc max.	1,5 mm
Da max.	89 mm
da min.	46 mm
r2 min.	1,5 mm
r1 min.	1,5 mm
series:	64
Category	Single Row Ball Bearing
Inventory	0.0
Snap Ring	No
Size (mm)	35x100x25
Enclosure	Open
Width (mm)	25
bore type:	Round
Mass bearing	0.97 kg
Weight / LBS	2.16
maximum rpm:	10000 RPM
Product Group	B00308
Inch - Metric	Metric

closure type:	Open
Cage Material	Steel
Keyword String	Ball
bore diameter:	35 mm
overall width:	25 mm
cage material:	Steel
fillet radius:	1.5 mm
Bearing number	6407
Limiting speed	10000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Reference speed	16000 r/min
Precision Class	ABEC 1   ISO P0
Outer Race Width	0.984 Inch   25 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
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
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Name	SKF
Weight / Kilogram	0.98
outer ring width:	25 mm
outside diameter:	100 mm
precision rating:	ABEC 3 (ISO Class 6)
d <sub>a</sub> min.	46 mm
D <sub>a</sub> max.	89 mm
r <sub>a</sub> max.	1.5 mm
Bore Diameter (mm)	35

Internal Clearance	C0-Medium
Outer Diameter (mm)	100
internal clearance:	C0
snap ring included:	Without Snap Ring
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
static load capacity:	31 kN
$D_1$ ?	79.55 mm
$d_1$ ?	57.45 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	55.3 kN
Harmonized Tariff Code	8482.10.50.68
Fatigue load limit (Pu)	1,29
Calculation factor (f0)	12
Manufacturer Item Number	6407
Internal Special Features	No
Basic dynamic load rating C	55.3 kN
Basic dynamic load rating (C)	55,3 kN
Basic static load rating (C0)	31 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	1.29 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	12.1
Basic static load rating $C_0$	31 kN