



Bearing No. 6412

D	150 mm
d	60 mm
B	35 mm
Bore	2.362 Inch 60 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	150x60x35
Snap Ring	No
Width (mm)	35
bore type:	Round
Weight / LBS	6.27
Mass bearing	2.83 kg
maximum rpm:	6300 RPM
closure type:	Open
D ₁	121.55 mm
d ₁	88.16 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	60 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2 mm
overall width:	35 mm
Bearing number	6412

Limiting speed	6300 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	10000 r/min
Outside Diameter	5.906 Inch 150 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	1.378 Inch 35 Millimeter
Long Description	60MM Bore; 150MM Outside Diameter; 35MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Manufacturer Name	SKF
Weight / Kilogram	2.85
outer ring width:	35 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	150 mm
Internal Clearance	C0-Medium
D _a max.	136 mm
Bore Diameter (mm)	150
d _a min.	74 mm
r _a max.	2 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	60
Minimum Buy Quantity	N/A
r _{1,2} min.	2.1 mm
r _a - max.	2 mm

D_a - max.	136 mm
d_a - min.	74 mm
static load capacity:	69.5 kN
d_1 ?	88.16 mm
D_1 ?	121.55 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	108 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	6412
Internal Special Features	No
Basic dynamic load rating C	108 kN
Basic dynamic load rating - C	108 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.9 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.3
Fatigue load limit - P_u	2.9 kN
Calculation factor - k_r	0.035
Calculation factor - f_0	12.3
Basic static load rating C_0	69.5 kN
Basic static load rating - C_0	69.5 kN