



BEARING MFG. CORP.



60 mm x 150 mm x 35 mm T89 Thrust Tapered Roller Bearing 22.479x48.021x15.875mm

Bearing No. 6412

6412 Bearing 2D drawings and 3D CAD models

Size	150x60x35 mm
Bore Diameter	150 mm
Outer Diameter	60 mm
Width	35 mm
d	60 mm
D	150 mm
B	35 mm
d ₁	88.16 mm
D ₁	121.55 mm
r _{1,2} - min.	2.1 mm
d _a - min.	74 mm
D _a - max.	136 mm
r _a - max.	2 mm
Basic dynamic load rating - C	108 kN
Basic static load rating - C ₀	69.5 kN
Fatigue load limit - P _u	2.9 kN
Reference speed	10000 r/min
Limiting speed	6300 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



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Weight / Kilogram	2.85
EAN	7316576621215
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	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
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	6412
Weight / LBS	6.27
Outside Diameter	5.906 Inch 150 Millimeter
Outer Race Width	1.378 Inch 35 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
static load capacity:	69.5 kN
outside diameter:	150 mm



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precision rating:	ABEC 1 (ISO Class Normal)
overall width:	35 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	35 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	6300 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	108 kN
d_1	88.16 mm
D_1	121.55 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	74 mm
D_a max.	136 mm
r_a max.	2 mm
Basic dynamic load rating C	108 kN
Basic static load rating C_0	69.5 kN
Fatigue load limit P_u	2.9 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.3
Mass bearing	2.83 kg