



TIMKEN BEARINGS TRAINING INDUSTRY



6012 Bearing 2D drawings and 3D CAD models

SKF Ball Bearing 6012 6012zz 6012-2RS 6013
6014 6015

Bearing No. 6012

Size	95x60x18 mm
Bore Diameter	95 mm
Outer Diameter	60 mm
Width	18 mm
d	60 mm
D	95 mm
B	18 mm
d ₁	71.3 mm
D ₂	86.5 mm
r _{1,2} - min.	1.1 mm
d _a - min.	66 mm
D _a - max.	89 mm
r _a - max.	1 mm
Basic dynamic load rating - C	30.7 kN
Basic static load rating - C ₀	23.2 kN
Fatigue load limit - P _u	0.98 kN
Reference speed	15000 r/min
Limiting speed	9500 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	15.6
Category	Single Row Ball Bearings
Inventory	5.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.417
EAN	7316577061850
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; 95MM Outside Diameter; 18MM 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	6012
Weight / LBS	0.92
Bore	2.362 Inch 60 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Outside Diameter	3.74 Inch 95 Millimeter
d ₁	71.3 mm
D ₂	86.5 mm
r _{1,2} min.	1.1 mm



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d_a min.	66 mm
D_a max.	89 mm
r_a max.	1 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating C_0	23.2 kN
Fatigue load limit P_u	0.98 kN
Calculation factor k_r	0.025
Calculation factor f_0	15.6
Mass bearing	0.41 kg