



BEARING CORP. OF AMERICA



SKF/ NSK/ NTN/Timken Deep Groove Ball Bearing for Instrument, High Speed Precision Engine or Auto Parts Rolling Bearings 61900 62900 61901 61903 61905

Bearing No. 61900

61900 Bearing 2D drawings and 3D CAD models

Size	10x22x6 mm
Bore Diameter	10 mm
Outer Diameter	22 mm
Width	6 mm
d	10 mm
D	22 mm
B	6 mm
C	6 mm
d1	13,9 mm
r1 min.	0,3 mm
r2 min.	0,3 mm
D1	18,2 mm
D2	– mm
da min.	12 mm
Da max.	20 mm
rc max.	0,3 mm
Weight	0,01 Kg
Basic dynamic load rating (C)	2,7 kN
Basic static load rating (C0)	1,27 kN
Fatigue load limit (Pu)	0,054
Reference speed	70000 r/min
Limiting speed	45000 r/min
Calculation factor (f0)	14



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Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.011
EAN	7316577121882
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	10MM Bore; 22MM Outside Diameter; 6MM 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	61900
Weight / LBS	0.02
Bore	0.394 Inch 10 Millimeter
Outer Race Width	0.236 Inch 6 Millimeter



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Outside Diameter	0.866 Inch 22 Millimeter
bore diameter:	10 mm
static load capacity:	1.27 kN
outside diameter:	22 mm
precision rating:	Not Rated
overall width:	6 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	6 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
snap ring included:	Without Snap Ring
maximum rpm:	45000 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	2.7 kN
d_1	13.9 mm
D_1	18.2 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	12 mm
D_a max.	20 mm
r_a max.	0.3 mm
Basic dynamic load rating C	2.7 kN
Basic static load rating C_0	1.27 kN
Fatigue load limit P_u	0.054 kN
Calculation factor k_r	0.02
Calculation factor f_0	14
Mass bearing	0.01 kg