



# AMERICAN BEARING MFG.CORP.



35 mm x 62 mm x 14 mm 540157 Bearings  
133.35x200.025x101.6mm

Bearing No. 6007-2RS1

6007-2RS1 Bearing 2D drawings and 3D CAD models

Size	35x62x14 mm
Bore Diameter	35 mm
Outer Diameter	62 mm
Width	14 mm
d	35 mm
D	62 mm
B	14 mm
C	14 mm
d1	43,7 mm
d2	– mm
r1 min.	39,6 mm
r2 min.	39,6 mm
D1	55,7 mm
D2	1 mm
da min.	43,7 mm
Da max.	57,4 mm
ra max.	1 mm
Weight	0,16 Kg
Basic dynamic load rating (C)	16,8 kN
Basic static load rating (C0)	10,2 kN
Fatigue load limit (Pu)	0,44
Reference speed	– r/min
Limiting speed	7000 r/min
Calculation factor (f0)	15
Category	Single Row Ball Bearings



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Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.163
Product Group	B00308
Enclosure	2 Seals
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
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	35MM Bore; 62MM Outside Diameter; 14MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Other Features	Deep Groove   NBR Seal
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6007-2RS1
Weight / LBS	0.359
Outside Diameter	2.441 Inch   62 Millimeter



## AMERICAN BEARING MFG.CORP.

Bore	1.378 Inch   35 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Outer Race Width	0.551 Inch   14 Millimeter
bore diameter:	35 mm
static load capacity:	10.2 kN
outside diameter:	62 mm
precision rating:	Not Rated
overall width:	14 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	14 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
internal clearance:	C0
maximum rpm:	7000 RPM
operating temperature range:	-40 to +210 ° F
series:	60
dynamic load capacity:	16.8 kN
$d_1$	43.75 mm
$D_2$	55.61 mm
$d_a$ min.	39.6 mm
$d_a$ max.	43.7 mm
$D_a$ max.	57.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	16.8 kN
Basic static load rating $C_0$	10.2 kN
Fatigue load limit $P_u$	0.44 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.8
Mass bearing	0.16 kg



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