



Bearing No. 6007-2RS1

D	62 mm
d	35 mm
B	14 mm
C	14 mm
D2	1 mm
d1	43,7 mm
d2	– mm
D1	55,7 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
UNSPSC	31171504
Weight	0,16 Kg
Da max.	57,4 mm
ra max.	1 mm
r2 min.	39,6 mm
da min.	43,7 mm
r1 min.	39,6 mm
series:	60
Category	Single Row Ball Bearing
Inventory	1.0
Size (mm)	35x62x14
Snap Ring	No
Enclosure	2 Seals
Width (mm)	14
bore type:	Round
Mass bearing	0.16 kg
Weight / LBS	0.359
maximum rpm:	7000 RPM
Product Group	B00308

Cage Material	Steel
Inch - Metric	Metric
closure type:	Double Sealed
Keyword String	Ball
bore diameter:	35 mm
overall width:	14 mm
cage material:	Steel
Other Features	Deep Groove NBR Seal
fillet radius:	1 mm
Bearing number	6007-2RS1
Limiting speed	7000 r/min
Enclosure Type	Contact Seal
finish/coating:	Uncoated
Reference speed	– r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outer Race Width	0.551 Inch 14 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
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;
Manufacturer URL	http://www.skf.com
Manufacturer Name	SKF
Weight / Kilogram	0.163
outer ring width:	14 mm

outside diameter:	62 mm
precision rating:	Not Rated
d _a min.	39.6 mm
d _a max.	43.7 mm
D _a max.	57.4 mm
r _a max.	1 mm
Bore Diameter (mm)	35
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	62
Minimum Buy Quantity	N/A
static load capacity:	10.2 kN
d ₁ ?	43.75 mm
D ₂ ?	55.61 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	16.8 kN
Harmonized Tariff Code	8482.10.50.68
Calculation factor (f0)	15
Fatigue load limit (Pu)	0,44
Manufacturer Item Number	6007-2RS1
Internal Special Features	No
Basic dynamic load rating C	16.8 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating (C)	16,8 kN
Basic static load rating (C0)	10,2 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.44 kN

Calculation factor k_r	0.025
Calculation factor f_0	14.8
Basic static load rating C_0	10.2 kN