



207 Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 17 mm SKF 207 deep groove ball bearings

Bearing No. 207

Size	72x35x17 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
d ₁	46.94 mm
D ₂	62.69 mm
r _{1,2} - min.	1.1 mm
d _a - min.	42 mm
D _a - max.	65 mm
r _a - max.	1 mm
Basic dynamic load rating - C	27.5 kN
Basic static load rating - C ₀	22 kN
Fatigue load limit - P _u	0.93 kN
Reference speed	17000 r/min
Limiting speed	10000 r/min
Calculation factor - k _r	0.04
Category	Single Row Ball Bearings
Inventory	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.316



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EAN	7316576679506
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	35MM Bore; 72MM Outside Diameter; 17MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; Yes 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	207
Weight / LBS	0.7
Outside Diameter	2.835 Inch 72 Millimeter
Bore	1.378 Inch 35 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
bore diameter:	35 mm
static load capacity:	22 kN
outside diameter:	72 mm
precision rating:	ABEC 3 (ISO Class 6)



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overall width:	17 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	17 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	10000 RPM
internal clearance:	C0
series:	20
dynamic load capacity:	27.5 kN
thrust application warning:	This product can not be used in Thrust Applications
d_1	46.94 mm
D_2	62.69 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	42 mm
D_a max.	65 mm
r_a max.	1 mm
Basic dynamic load rating C	27.5 kN
Basic static load rating C_0	22 kN
Fatigue load limit P_u	0.93 kN
Calculation factor k_r	0.04
Mass bearing	0.31 kg