



NTN BEARING USA CORP.

35 mm x 72 mm x 27 mm skf 3207 A Double
row angular contact ball bearings

Bearing No. 3207 A

Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0
EAN	7316576646478
Product Group	B00152
bore diameter:	35 mm
radial static load capacity:	28 kN
outside diameter:	72 mm
cage material:	Metal
overall width:	27 mm
outer ring width:	27 mm
contact angle:	30 °
maximum rpm:	9000 RPM
row type & fill slot:	Double-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	1 mm
radial dynamic load capacity:	40 kN
series:	32
d	35 mm
D	72 mm
B	27 mm



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d_2	45.4 mm
D_2	63.85 mm
$r_{1,2}$ min.	1.1 mm
a	42 mm
d_a min.	42 mm
D_a max.	65 mm
r_a max.	1 mm
Basic dynamic load rating C	40 kN
Basic static load rating C_0	28 kN
Fatigue load limit P_u	1.18 kN
Reference speed	10000 r/min
Limiting speed	9000 r/min
Calculation factor k_r	0.06
Calculation factor e	0.8
Calculation factor X	0.63
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Mass bearing	0.44 kg