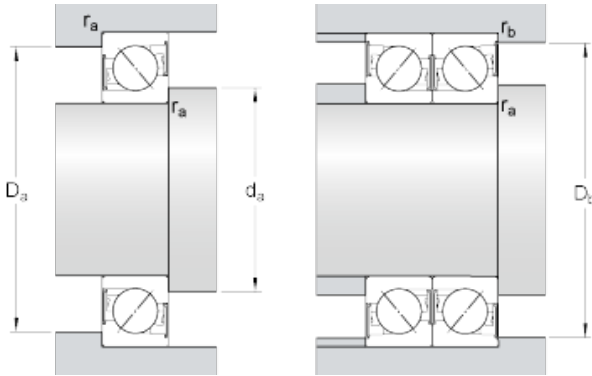




# SNR BEARING CORP.OF AMERICA



35 mm x 80 mm x 21 mm skf 7307 BE-2RZP  
Single row angular contact ball bearings

Bearing No. 7307 BE-2RZP

7307 BE-2RZP Bearing 2D drawings and 3D CAD models

d	35 mm
D	80 mm
B	21 mm
d <sub>1</sub>	52.5 mm
d <sub>2</sub>	43.62 mm
D <sub>2</sub>	65.05 mm
a	35 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	1 mm
d <sub>a</sub> min.	44 mm
d <sub>a</sub> max.	52 mm
D <sub>a</sub> max.	71 mm
D <sub>b</sub> max.	74.4 mm
r <sub>a</sub> max.	1.5 mm
r <sub>b</sub> max.	1 mm
Basic dynamic load rating C	39 kN
Basic static load rating C <sub>0</sub>	24.5 kN
Fatigue load limit P <sub>u</sub>	1.04 kN
Reference speed	11000 r/min
Limiting speed	8500 r/min
Calculation factor A	0.0111
Calculation factor k <sub>r</sub>	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y <sub>0</sub>	0.26



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Calculation factor $Y_2$	0.57
Calculation factor X	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Standard grease	GXN
Mass bearing	0.45 kg