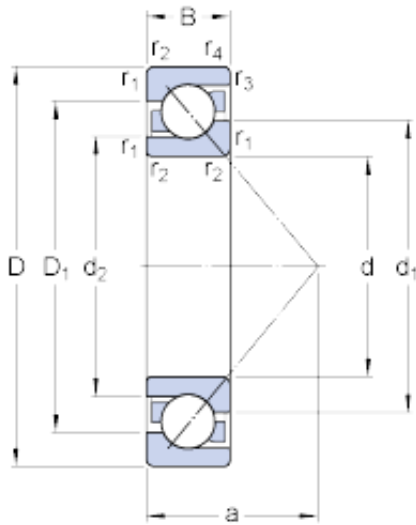




# NTN-SNR BEARING RULMENTI S.R.L.



7207 BECBPH Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 17 mm skf 7207 BECBPH  
Single row angular contact ball bearings

Bearing No. 7207 BECBPH

Size	72x35x17 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
d <sub>1</sub>	49.65 mm
d <sub>2</sub>	41.96 mm
D <sub>1</sub>	58.25 mm
a	31 mm
r <sub>1,2</sub> - min.	1.1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	42 mm
D <sub>a</sub> - max.	65 mm
D <sub>b</sub> - max.	67.8 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	31 kN
Basic static load rating - C <sub>0</sub>	20.8 kN
Fatigue load limit - P <sub>u</sub>	0.88 kN
Reference speed	12000 r/min
Limiting speed	12000 r/min
Calculation factor - k <sub>r</sub>	0.095



## NTN-SNR BEARING RULMENTI S.R.L.

Calculation factor - $k_a$	1.4
Calculation factor - $e$	1.14
Calculation factor - $X$	0.57
Calculation factor - $Y_0$	0.52
Calculation factor - $Y_1$	0.55
Calculation factor - $Y_2$	0.93
Calculation factor - $X$	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
$d_1$	49.65 mm
$d_2$	41.96 mm
$D_1$	58.25 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	42 mm
$D_a$ max.	65 mm
$D_b$ max.	67.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating $C$	31 kN
Basic static load rating $C_0$	20.8 kN
Fatigue load limit $P_u$	0.88 kN
Calculation factor $A$	0.00674
Calculation factor $k_r$	0.095
Calculation factor $e$	1.14
Calculation factor $X$	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Calculation factor $X$	0.57
Calculation factor $Y_0$	0.52



## NTN-SNR BEARING RULMENTI S.R.L.

Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	0.28 kg