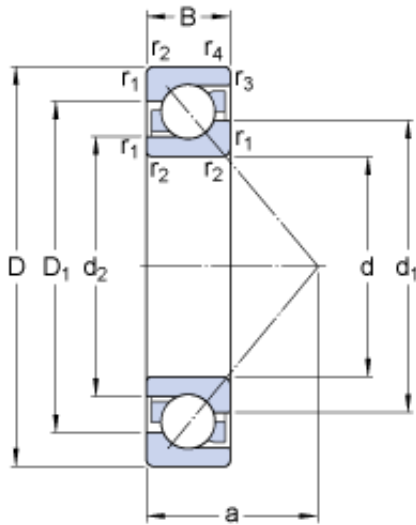




# NTN-SNR BEARING RULMENTI S.R.L.



65 mm x 140 mm x 33 mm skf 7313 BECBPH  
Single row angular contact ball bearings

Bearing No. 7313 BECBPH

7313 BECBPH Bearing 2D drawings and 3D CAD models

Size	140x65x33 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	33 mm
d	65 mm
D	140 mm
B	33 mm
d <sub>1</sub>	94.15 mm
d <sub>2</sub>	78.45 mm
D <sub>1</sub>	112.85 mm
a	60 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	77 mm
D <sub>a</sub> - max.	128 mm
D <sub>b</sub> - max.	133 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	116 kN
Basic static load rating - C <sub>0</sub>	86.5 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Reference speed	6300 r/min
Limiting speed	6300 r/min
Calculation factor - k <sub>r</sub>	0.1



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

Calculation factor - $k_a$	1.6
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
$d_1$	94.15 mm
$d_2$	78.45 mm
$D_1$	112.85 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	77 mm
$D_a$ max.	128 mm
$D_b$ max.	133 mm
$r_a$ max.	2 mm
$r_b$ max.	1 mm
Basic dynamic load rating $C$	116 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	3.65 kN
Calculation factor $A$	0.112
Calculation factor $k_r$	0.1
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	2.15 kg