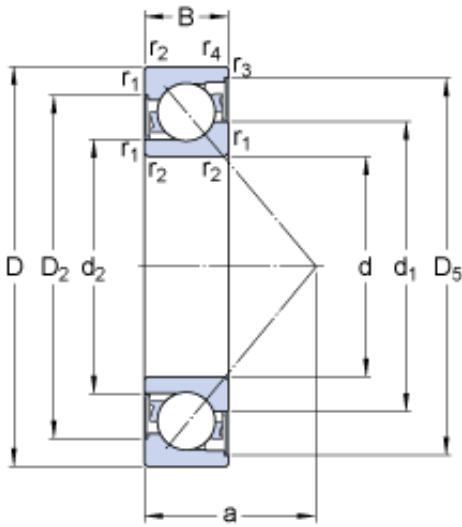




# SNR BEARING CORP.OF AMERICA



15 mm x 42 mm x 13 mm skf 7302 BE-2RZP  
Single row angular contact ball bearings

Bearing No. 7302 BE-2RZP

7302 BE-2RZP Bearing 2D drawings and 3D CAD models

Size	42x15x13 mm
Bore Diameter	42 mm
Outer Diameter	15 mm
Width	13 mm
d	15 mm
D	42 mm
B	13 mm
d <sub>1</sub>	26 mm
d <sub>2</sub>	20.73 mm
D <sub>2</sub>	33.8 mm
D <sub>5</sub>	38.55 mm
a	18.6 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
d <sub>a</sub> - min.	21 mm
d <sub>a</sub> - max.	25.5 mm
D <sub>a</sub> - max.	36 mm
D <sub>b</sub> - max.	38 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	13 kN
Basic static load rating - C <sub>0</sub>	6.7 kN
Fatigue load limit - P <sub>u</sub>	0.28 kN
Reference speed	20000 r/min



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Limiting speed	20000 r/min
Calculation factor - $k_r$	0.1
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
$d_1$	26 mm
$d_2$	20.73 mm
$D_2$	33.8 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	21 mm
$d_a$ max.	25.5 mm
$D_a$ max.	36 mm
$D_b$ max.	38 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	13 kN
Basic static load rating $C_0$	6.7 kN
Fatigue load limit $P_u$	0.28 kN
Calculation factor A	0.000907
Calculation factor $k_r$	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	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	0.082 kg