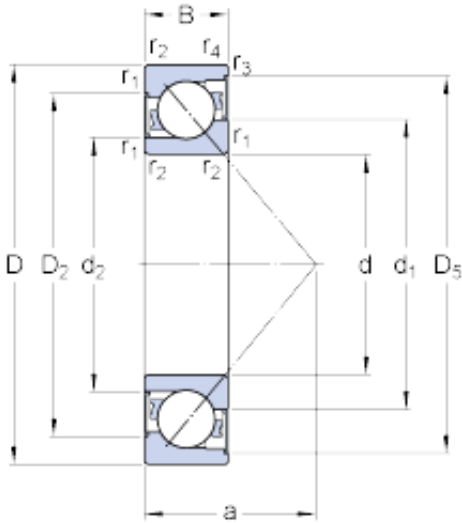




SNR BEARING CORP.OF AMERICA



15 mm x 35 mm x 11 mm skf 7202 BE-2RZP
Single row angular contact ball bearings

Bearing No. 7202 BE-2RZP

7202 BE-2RZP Bearing 2D drawings and 3D CAD models

Size	35x15x11 mm
Bore Diameter	35 mm
Outer Diameter	15 mm
Width	11 mm
d	15 mm
D	35 mm
B	11 mm
d ₁	22.7 mm
d ₂	18.93 mm
D ₂	28.5 mm
D ₅	32.4 mm
a	16 mm
r _{1,2} - min.	0.6 mm
r _{3,4} - min.	0.3 mm
d _a - min.	19.2 mm
d _a - max.	22.5 mm
D _a - max.	30.8 mm
D _b - max.	32.6 mm
r _a - max.	0.6 mm
r _b - max.	0.3 mm
Basic dynamic load rating - C	8.3 kN
Basic static load rating - C ₀	4.4 kN
Fatigue load limit - P _u	0.183 kN
Reference speed	24000 r/min



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Limiting speed	24000 r/min
Calculation factor - k_r	0.095
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
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.045
Product Group	B00308
d_1	22.7 mm
d_2	18.93 mm
D_2	28.5 mm
$r_{1,2}$ min.	0.6 mm
$r_{3,4}$ min.	0.3 mm
d_a min.	19.2 mm
d_a max.	22.5 mm
D_a max.	30.8 mm
D_b max.	32.6 mm
r_a max.	0.6 mm
r_b max.	0.3 mm
Basic dynamic load rating C	8.32 kN
Basic static load rating C_0	4.4 kN



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Fatigue load limit P_u	0.183 kN
Calculation factor A	0.000383
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
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Standard grease	GXN
Mass bearing	0.045 kg