



SNR BEARING CORP.OF AMERICA



ALS 28 ABP Bearing 2D drawings and 3D CAD models

88.9 mm x 165.1 mm x 28.575 mm skf ALS 28
ABP Single row angular contact ball bearings

Bearing No. ALS 28 ABP

Size	165.1x88.9x28.575 mm
Bore Diameter	165,1 mm
Outer Diameter	88,9 mm
Width	28,575 mm
d	88.9 mm
D	165.1 mm
B	28.575 mm
d ₁	111.5 mm
d ₂	103 mm
D ₁	138.5 mm
a	37 mm
r _{1,2} - min.	3.2 mm
r _{3,4} - min.	1.6 mm
d _a - min.	100.01 mm
D _a - max.	153.92 mm
D _b - max.	155 mm
r _a - max.	3.2 mm
r _b - max.	1.5 mm
Basic dynamic load rating - C	127 kN
Basic static load rating - C ₀	112 kN
Fatigue load limit - P _u	4.2 kN
Reference speed	5000 r/min
Limiting speed	5000 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.4
Calculation factor - e	0.57
Calculation factor - X	0.43
Calculation factor - Y_0	0.42
Calculation factor - Y_1	
Calculation factor - Y_2	1
Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.338
Product Group	B00308
d_1	111.5 mm
d_2	103 mm
D_1	138.5 mm
$r_{1,2}$ min.	3.2 mm
$r_{3,4}$ min.	1.6 mm
d_a min.	100.01 mm
D_a max.	153.92 mm
D_b max.	155 mm
r_a max.	3.2 mm
r_b max.	1.5 mm
Basic dynamic load rating C	127 kN
Basic static load rating C_0	112 kN
Fatigue load limit P_u	4.25 kN
Calculation factor A	0.0402
Calculation factor k_r	0.1
Calculation factor e	0.57
Calculation factor X	0.43
Calculation factor Y_0	0.42
Calculation factor Y_2	1
Calculation factor X	0.57



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Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	2.89 kg