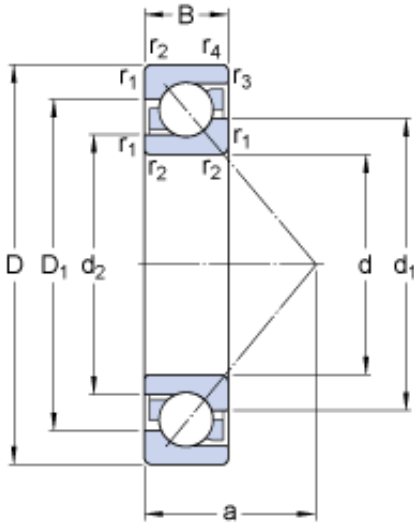




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ALS 28 ABP Bearing 2D drawings and 3D CAD models

88.9 mm x 165.1 mm x 28.575 mm SKF ALS 28 ABP 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