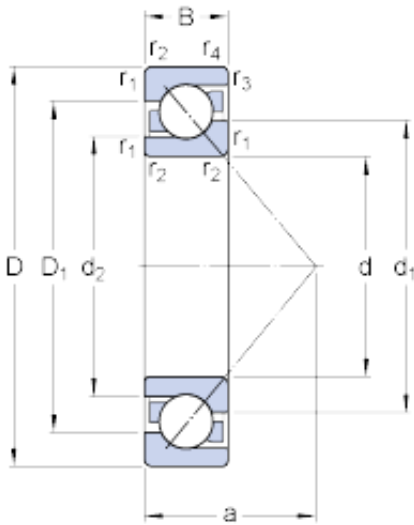




# SNR BEARING CORP.OF AMERICA



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 <sub>1</sub>	111.5 mm
d <sub>2</sub>	103 mm
D <sub>1</sub>	138.5 mm
a	37 mm
r <sub>1,2</sub> - min.	3.2 mm
r <sub>3,4</sub> - min.	1.6 mm
d <sub>a</sub> - min.	100.01 mm
D <sub>a</sub> - max.	153.92 mm
D <sub>b</sub> - max.	155 mm
r <sub>a</sub> - max.	3.2 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	127 kN
Basic static load rating - C <sub>0</sub>	112 kN
Fatigue load limit - P <sub>u</sub>	4.2 kN
Reference speed	5000 r/min
Limiting speed	5000 r/min
Calculation factor - k <sub>r</sub>	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
EAN	7316570331547
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



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Calculation factor X	0.57
Calculation factor $Y_0$	0.52
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	2.89 kg