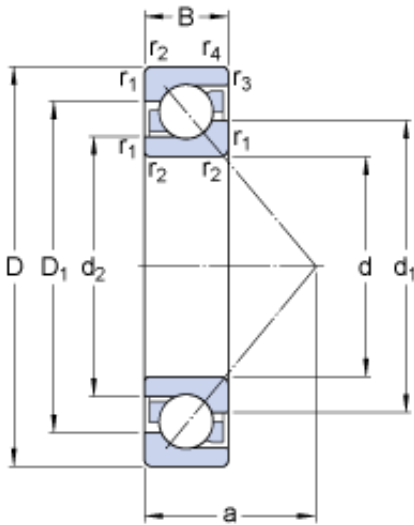




# FAG BEARING LIMITED



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 <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