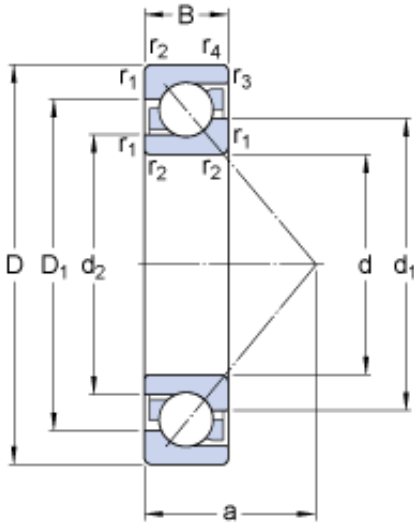




# SNR BEARING CORP.OF AMERICA



ALS 32 ABP Bearing 2D drawings and 3D CAD models

101.6 mm x 184.15 mm x 31.75 mm skf ALS 32  
ABP Single row angular contact ball bearings

Bearing No. ALS 32 ABP

Size	184.15x101.6x31.75 mm
Bore Diameter	184,15 mm
Outer Diameter	101,6 mm
Width	31,75 mm
d	101.6 mm
D	184.15 mm
B	31.75 mm
d <sub>1</sub>	124.7 mm
d <sub>2</sub>	115.13 mm
D <sub>1</sub>	155.25 mm
a	41 mm
r <sub>1,2</sub> - min.	3.2 mm
r <sub>3,4</sub> - min.	1.6 mm
d <sub>a</sub> - min.	111.76 mm
D <sub>a</sub> - max.	172.97 mm
D <sub>b</sub> - max.	174 mm
r <sub>a</sub> - max.	3.2 mm
r <sub>b</sub> - max.	1.5 mm
Basic dynamic load rating - C	159 kN
Basic static load rating - C <sub>0</sub>	143 kN
Fatigue load limit - P <sub>u</sub>	5.1 kN
Reference speed	4500 r/min
Limiting speed	4500 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	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
UNSPSC	31171531
Weight / Kilogram	0
Product Group	B00308
$d_1$	124.7 mm
$d_2$	115.13 mm
$D_1$	155.25 mm
$r_{1,2}$ min.	3.2 mm
$r_{3,4}$ min.	1.6 mm
$d_a$ min.	111.76 mm
$D_a$ max.	172.97 mm
$D_b$ max.	174 mm
$r_a$ max.	3.2 mm
$r_b$ max.	1.5 mm
Basic dynamic load rating C	159 kN
Basic static load rating $C_0$	143 kN
Fatigue load limit $P_u$	5.1 kN
Calculation factor A	0.0647
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	3.15 kg