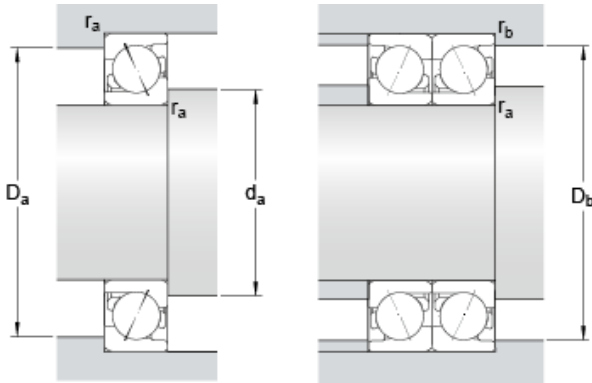




# HMSA BEARING MANUFACTURING LIMITED



55 mm x 100 mm x 21 mm skf 7211 ACCBM  
Single row angular contact ball bearings

Bearing No. 7211 ACCBM

7211 ACCBM Bearing 2D drawings and 3D CAD models

d	55 mm
D	100 mm
B	21 mm
$d_1$	72.63 mm
$d_2$	63.6 mm
$D_1$	83.19 mm
a	28 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
$d_a$ min.	64 mm
$D_a$ max.	91 mm
$D_b$ max.	94 mm
$r_a$ max.	1.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	57 kN
Basic static load rating $C_0$	45 kN
Fatigue load limit $P_u$	1.9 kN
Reference speed	8500 r/min
Limiting speed	12000 r/min
Calculation factor A	0.00917
Calculation factor $k_r$	0.095
Calculation factor e	0.68
Calculation factor X	0.41
Calculation factor $Y_0$	0.38
Calculation factor $Y_2$	0.87



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Calculation factor X	0.67
Calculation factor $Y_0$	0.76
Calculation factor $Y_1$	0.92
Calculation factor $Y_2$	1.41
Mass bearing	0.62 kg