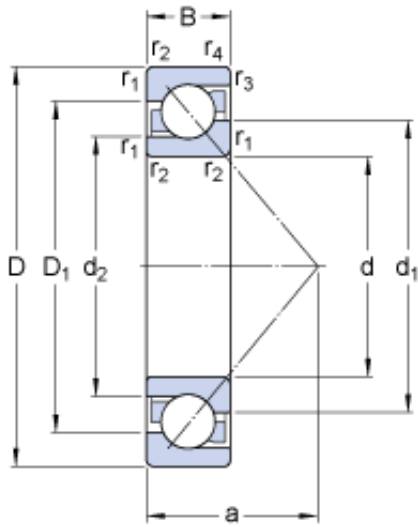




# Timken MANUFACTURING (THAILAND)CO.,LTD.



110 mm x 200 mm x 38 mm SKF 7222 BECCM  
angular contact ball bearings

Bearing No. 7222 BECCM

7222 BECCM Bearing 2D drawings and 3D CAD models

Size	200x110x38 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	38 mm
d	110 mm
D	200 mm
B	38 mm
d <sub>1</sub>	144.85 mm
d <sub>2</sub>	127.12 mm
D <sub>1</sub>	167.35 mm
a	84 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	122 mm
D <sub>a</sub> - max.	188 mm
D <sub>b</sub> - max.	193 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	163 kN
Basic static load rating - C <sub>0</sub>	156 kN
Fatigue load limit - P <sub>u</sub>	5.3 kN
Reference speed	4000 r/min
Limiting speed	4000 r/min
Calculation factor - k <sub>r</sub>	0.095



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Calculation factor - $k_a$	1.4
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - $Y_0$	0.52
Calculation factor - $Y_1$	0.55
Calculation factor - $Y_2$	0.93
Calculation factor - X	0.35
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $Y_2$	0.57
$d_1$	144.85 mm
$d_2$	127.12 mm
$D_1$	167.35 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	122 mm
$D_a$ max.	188 mm
$D_b$ max.	193 mm
$r_a$ max.	2 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	163 kN
Basic static load rating $C_0$	156 kN
Fatigue load limit $P_u$	5.3 kN
Calculation factor A	0.353
Calculation factor $k_r$	0.095
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor $Y_0$	0.26
Calculation factor $Y_2$	0.57
Calculation factor X	0.57
Calculation factor $Y_0$	0.52



## Timken MANUFACTURING (THAILAND)CO.,LTD.

Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Mass bearing	4.6 kg