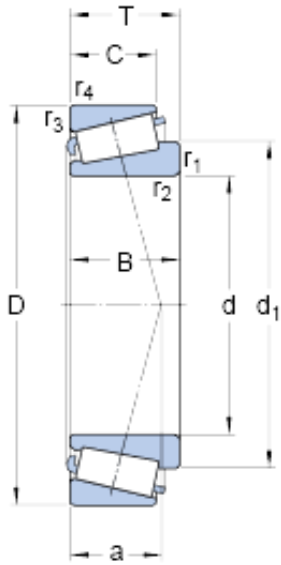




# Timken MANUFACTURING (THAILAND)CO.,LTD.



187.325 mm x 282.575 mm x 47.625 mm SKF  
87737/87111 tapered roller bearings

Bearing No. 87737/87111

87737/87111 Bearing 2D drawings and 3D CAD models

Size	282.575x187.325x50.8 mm
Bore Diameter	282,575 mm
Outer Diameter	187,325 mm
Width	50,8 mm
d	187.325 mm
D	282.575 mm
T	50.8 mm
d <sub>1</sub>	232.3 mm
B	47.625 mm
C	36.512 mm
r <sub>1,2</sub> - min.	3.5 mm
r <sub>3,4</sub> - min.	3.3 mm
a	55 mm
d <sub>a</sub> - max.	213 mm
d <sub>b</sub> - min.	201 mm
D <sub>a</sub> - min.	253 mm
D <sub>a</sub> - max.	271 mm
D <sub>b</sub> - min.	267 mm
C <sub>a</sub> - min.	6 mm
C <sub>b</sub> - min.	14 mm
r <sub>a</sub> - max.	3.3 mm
r <sub>b</sub> - max.	3.1 mm
Basic dynamic load rating - C	402 kN
Basic static load rating - C <sub>0</sub>	695 kN



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Fatigue load limit - $P_u$	67 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min
Calculation factor - e	0.43
Calculation factor - Y	1.4
Calculation factor - $Y_0$	0.8
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	10.158
EAN	7316571211589
Product Group	B04334
Dimension series	87000
$d_1$	232.3 mm
$r_{1,2}$ min.	3.5 mm
$r_{3,4}$ min.	3.3 mm
$d_a$ max.	213 mm
$d_b$ min.	203.5 mm
$D_a$ min.	253 mm
$D_a$ max.	267.5 mm
$D_b$ min.	267 mm
$C_a$ min.	6 mm
$C_b$ min.	14 mm
$r_a$ max.	3.5 mm
$r_b$ max.	3.3 mm
Basic dynamic load rating C	427 kN
Basic static load rating $C_0$	695 kN
Fatigue load limit $P_u$	67 kN
Calculation factor e	0.43
Calculation factor Y	1.4
Calculation factor $Y_0$	0.8



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Mass bearing	9.92 kg
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