



**65 mm x 120 mm x 31 mm SKF C 2213 TN9  
cylindrical roller bearings**

Bearing No. C 2213 TN9

C 2213 TN9 Bearing 2D drawings and 3D CAD models

Size	120x65x31 mm
Bore Diameter	120 mm
Outer Diameter	65 mm
Width	31 mm
d	65 mm
D	120 mm
B	31 mm
d <sub>2</sub>	79 mm
D <sub>1</sub>	106 mm
s <sub>1</sub>	9.6 mm
r <sub>1,2</sub> - min.	1.5 mm
d <sub>a</sub> - min.	74 mm
d <sub>a</sub> - max.	79 mm
D <sub>a</sub> - min.	102 mm
D <sub>a</sub> - max.	111 mm
C <sub>a</sub> - min.	0.2 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	180 kN
Basic static load rating - C <sub>0</sub>	180 kN
Fatigue load limit - P <sub>u</sub>	21.2 kN
Reference speed	5300 r/min
Limiting speed	7500 r/min
Factor - k <sub>1</sub>	0.097
Factor - k <sub>2</sub>	0.127



# Timken MANUFACTURING (THAILAND)CO.,LTD.

Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.424
EAN	7316570344820
Product Group	B04144
bore type:	Straight
static load capacity:	180 kN
bore diameter:	65 mm
maximum rpm:	7500 rpm
outside diameter:	120 mm
cage material:	Fiberglass Reinforced Nylon
overall width:	31 mm
outer ring width:	31 mm
closure type:	Open
fillet radius:	1.5 mm
internal clearance:	C0
precision rating:	Not Rated
operating temperature range:	392 ° F
lubrication holes:	No Holes
dynamic load capacity:	180 kN
$d_2$	79 mm
$D_1$	106 mm
$s_1$ max.	9.6 mm
$r_{1,2}$ min.	1.5 mm
$d_a$ min.	74 mm
$d_a$ max.	79 mm
$D_a$ min.	102 mm
$D_a$ max.	111 mm
$C_a$ min.	0.2 mm



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

$r_a$ max.	1.5 mm
Basic dynamic load rating C	180 kN
Basic static load rating $C_0$	180 kN
Fatigue load limit $P_u$	21.2 kN
Misalignment factor $k_1$	0.097
Operating clearance factor $k_2$	0.127
Mass bearing	1.45 kg