



**Bearing No. C 2212 TN9**

D	110 mm
d	60 mm
B	28 mm
weight:	2.43 lbs
Category	Roller Bearings
Size (mm)	110x60x28
Inventory	0.0
Width (mm)	28
bore type:	Straight
Mass bearing	1.1 kg
maximum rpm:	7500 rpm
closure type:	Open
D <sub>1</sub>	97.9 mm
d <sub>2</sub>	77.1 mm
Product Group	B04144
s <sub>1</sub>	8.5 mm
Limiting speed	7500 r/min
overall width:	28 mm
fillet radius:	1.5 mm
bore diameter:	60 mm
Bearing number	C 2212 TN9
cage material:	Nylon
Reference speed	5600 r/min
outside diameter:	110 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	1.12
outer ring width:	28 mm
r <sub>a</sub> max.	1.5 mm
C <sub>a</sub> min.	0.3 mm

$d_a$ min.	69 mm
$d_a$ max.	77.1 mm
$D_a$ min.	94.7 mm
lubrication holes:	No Holes
$D_a$ max.	101 mm
Bore Diameter (mm)	110
$s_1$ max.	8.5 mm
Outer Diameter (mm)	60
$d_a$ - min.	69 mm
$D_a$ - min.	94.7 mm
$D_a$ - max.	101 mm
$C_a$ - min.	0.3 mm
$r_a$ - max.	1.5 mm
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1.5 mm
$d_a$ - max.	77.1 mm
$d_2$ ?	77.1 mm
$D_1$ ?	97.9 mm
static load capacity:	156 kN
Factor - $k_1$	0.1
dynamic load capacity:	143 kN
Factor - $k_2$	0.123
$r_{1,2}$ - min.	1.5 mm
manufacturer upc number:	7316570164084
manufacturer product page:	<a href="#">Click here</a>
Basic dynamic load rating C	143 kN
operating temperature range:	392 °F
Basic dynamic load rating - C	143 kN

Fatigue load limit $P_u$	18.3 kN
Misalignment factor $k_1$	0.1
Fatigue load limit - $P_u$	18.3 kN
Basic static load rating $C_0$	156 kN
Basic static load rating - $C_0$	156 kN
Operating clearance factor $k_2$	0.123