



**Bearing No. C 2208 TN9**

D	80 mm
d	40 mm
B	23 mm
Category	Roller Bearings
Inventory	0.0
Size (mm)	80x40x23
Width (mm)	23
Mass bearing	0.51 kg
Product Group	B04311
$d_2$	52.4 mm
$D_1$	69.9 mm
$s_1$	7.1 mm
Limiting speed	11000 r/min
Bearing number	C 2208 TN9
Reference speed	8000 r/min
Weight / Kilogram	0.517
Manufacturer Name	SKF
Bore Diameter (mm)	80
$r_a$ max.	1 mm
$C_a$ min.	0.3 mm
$D_a$ max.	73 mm
$D_a$ min.	67.1 mm
$d_a$ max.	52.4 mm
$d_a$ min.	47 mm
$s_1$ max.	7.1 mm
Outer Diameter (mm)	40
$r_{1,2}$ min.	1.1 mm
$D_a$ - max.	73 mm
$D_a$ - min.	67.1 mm
Minimum Buy Quantity	N/A

$C_a$ - min.	0.3 mm
$d_a$ - min.	47 mm
$d_a$ - max.	52.4 mm
$r_a$ - max.	1 mm
$d_2$ ?	52.4 mm
$D_1$ ?	69.9 mm
$r_{1,2}$ - min.	1.1 mm
Factor - $k_1$	0.093
Factor - $k_2$	0.128
Basic dynamic load rating C	90 kN
Basic dynamic load rating - C	90 kN
Fatigue load limit $P_u$	10.2 kN
Misalignment factor $k_1$	0.093
Fatigue load limit - $P_u$	10.2 kN
Basic static load rating $C_0$	86.5 kN
Basic static load rating - $C_0$	86.5 kN
Operating clearance factor $k_2$	0.128