



Bearing No. 7209 BE-2RZP

D	85 mm
d	45 mm
B	19 mm
a	37 mm
Category	Bearings
Inventory	0.0
Size (mm)	85x45x19
Width (mm)	19
Mass bearing	0.52 kg
Product Group	B00308
d <sub>1</sub>	60.85 mm
d <sub>2</sub>	52.68 mm
D <sub>2</sub>	71.8 mm
D <sub>5</sub>	79.9 mm
Limiting speed	9000 r/min
Bearing number	7209 BE-2RZP
Reference speed	9000 r/min
Standard grease	GXN
Weight / Kilogram	0
Manufacturer Name	SKF
r <sub>a</sub> max.	1 mm
D <sub>a</sub> max.	78 mm
Bore Diameter (mm)	85
d <sub>a</sub> min.	52 mm
r <sub>b</sub> max.	0.6 mm
d <sub>a</sub> max.	60 mm
D <sub>b</sub> max.	80.8 mm
Outer Diameter (mm)	45
Minimum Buy Quantity	N/A

$r_{3,4}$ min.	0.6 mm
$d_a$ - max.	60 mm
$r_{1,2}$ min.	1.1 mm
Calculation factor A	0.012
$d_a$ - min.	52 mm
Calculation factor e	1.14
Calculation factor X	0.57
$r_b$ - max.	0.6 mm
$r_a$ - max.	1 mm
$D_b$ - max.	80.8 mm
$D_a$ - max.	78 mm
$d_1$ ?	60.85 mm
$d_2$ ?	52.68 mm
$D_2$ ?	71.8 mm
$r_{1,2}$ - min.	1.1 mm
$r_{3,4}$ - min.	0.6 mm
Calculation factor - X	0.35
Calculation factor - e	1.14
Basic dynamic load rating C	35.8 kN
Basic dynamic load rating - C	35.8 kN
Calculation factor $k_r$	0.095
Calculation factor $Y_1$	0.55
Calculation factor $Y_2$	0.93
Fatigue load limit $P_u$	1.12 kN
Calculation factor $Y_0$	0.52
Calculation factor - $Y_1$	
Fatigue load limit - $P_u$	1.1 kN
Calculation factor - $k_r$	0.095
Calculation factor - $k_a$	1.4
Calculation factor - $Y_0$	0.26

Calculation factor - $Y_2$	0.57
Basic static load rating $C_0$	26 kN
Basic static load rating - $C_0$	26 kN