



Bearing No. 7208 BE-2RZP

a	34 mm
d	40 mm
D	80 mm
B	18 mm
Size (mm)	80x40x18
Width (mm)	18
Mass bearing	0.42 kg
d <sub>1</sub>	56.25 mm
d <sub>2</sub>	48.08 mm
D <sub>2</sub>	67.2 mm
D <sub>5</sub>	75.3 mm
Limiting speed	10000 r/min
Bearing number	7208 BE-2RZP
Standard grease	GXN
Reference speed	10000 r/min
d <sub>a</sub> min.	47 mm
d <sub>a</sub> max.	55.5 mm
D <sub>a</sub> max.	73 mm
D <sub>b</sub> max.	75.8 mm
r <sub>a</sub> max.	1 mm
Bore Diameter (mm)	80
r <sub>b</sub> max.	0.6 mm
Outer Diameter (mm)	40
Calculation factor A	0.0102
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	0.6 mm
Calculation factor e	1.14
Calculation factor X	0.57
r <sub>b</sub> - max.	0.6 mm

$r_a$ - max.	1 mm
$D_b$ - max.	75.8 mm
$D_a$ - max.	73 mm
$d_a$ - max.	55.5 mm
$d_a$ - min.	47 mm
$d_1$ ?	56.25 mm
$D_2$ ?	67.2 mm
$d_2$ ?	48.08 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	34.5 kN
Basic dynamic load rating - C	34.5 kN
Fatigue load limit $P_u$	1.02 kN
Calculation factor $k_r$	0.095
Calculation factor $Y_0$	0.52
Calculation factor $Y_2$	0.93
Calculation factor $Y_1$	0.55
Calculation factor - $Y_0$	0.26
Calculation factor - $Y_1$	
Calculation factor - $k_a$	1.4
Calculation factor - $Y_2$	0.57
Fatigue load limit - $P_u$	1 kN
Calculation factor - $k_r$	0.095
Basic static load rating $C_0$	24 kN
Basic static load rating - $C_0$	24 kN