



Bearing No. BMB-6209/080S2/UB108A

L	571.1 mm
b	1.9 mm
d	45 mm
D	85 mm
C	3.28 mm
B	19 mm
Category	Plain Bearings
Size (mm)	85x45x25.2
Inventory	0.0
Snap ring	SP 85
Width (mm)	25,2
d <sub>2</sub>	53 mm
D <sub>1</sub>	75.2 mm
d <sub>1</sub>	57.6 mm
D <sub>3</sub>	81.81 mm
B <sub>1</sub>	25.2 mm
r <sub>0</sub>	0.6 mm
D <sub>2</sub>	78.86 mm
D <sub>3</sub>	81.81 mm
d <sub>2</sub>	53 mm
B <sub>1</sub>	25.2 mm
Product Group	B04264
r <sub>0</sub>	0.6 mm
D <sub>2</sub>	78.86 mm
Bearing number	BMB-6209/080S2/UB10 8A
Limiting speed	5000 r/min
Period accuracy	± 5 %
±	10 mm

Mass sensor unit	0.545 kg
Weight / Kilogram	0
Manufacturer Name	SKF
$r_a$ max.	1 mm
$D_a$ max.	78.5 mm
$d_b$ max.	52.4 mm
$d_b$ min.	51.5 mm
$d_a$ min.	51.5 mm
Bore Diameter (mm)	85
Outer Diameter (mm)	45
$r_{1,2}$ min.	1.1 mm
$d_a$ - min.	51.5 mm
$d_b$ - min.	51.5 mm
Cable connector type	AMP Superseal
Minimum Buy Quantity	N/A
$d_b$ - max.	52.4 mm
$D_a$ - max.	78.5 mm
$r_a$ - max.	1 mm
$d_1$ ?	57.6 mm
$D_1$ ?	75.2 mm
$r_{1,2}$ - min.	1.1 mm
Period accuracy $\pm$	5 %
Phase shift output signal	90 °
Basic dynamic load rating C	33.2 kN
Basic dynamic load rating - C	33.2 kN
Tolerance cable length L - $\pm$	10 mm
Calculation factor $k_r$	0.025
Fatigue load limit $P_u$	0.915 kN
Calculation factor $f_0$	14
Number of pulses per	80

revolution N	
Fatigue load limit - $P_u$	0.915 kN
Calculation factor - $k_r$	0.025
Calculation factor - $f_0$	14
Tolerance phase shift output signal	$\pm 30^\circ$
Number of pulses per revolution - N	80
Basic static load rating $C_0$	21.6 kN
Basic static load rating - $C_0$	21.6 kN
Phase shift output signal tolerance $\pm$	$30^\circ$