



Bearing No. BMB-6209/080S2/UB008A

C	3.28 mm
d	45 mm
D	85 mm
L	546.1 mm
B	19 mm
b	1.9 mm
Snap ring	SP 85
Size (mm)	85x45x25.2
Width (mm)	25,2
B_1	25.2 mm
d_2	53 mm
D_2	78.86 mm
r_0	0.6 mm
D_1	75.2 mm
D_3	81.81 mm
D_2	78.86 mm
d_2	53 mm
d_1	57.6 mm
B_1	25.2 mm
D_3	81.81 mm
r_0	0.6 mm
Limiting speed	5000 r/min
Bearing number	BMB-6209/080S2/UB008A
\pm	10 mm
Period accuracy	$\pm 5 \%$
Mass sensor unit	0.537 kg
d_a min.	51.5 mm
Bore Diameter (mm)	85

r_a max.	1 mm
D_a max.	78.5 mm
d_b max.	52.4 mm
d_b min.	51.5 mm
Outer Diameter (mm)	45
d_a - min.	51.5 mm
D_a - max.	78.5 mm
$r_{1,2}$ min.	1.1 mm
d_b - min.	51.5 mm
d_b - max.	52.4 mm
Cable connector type	Free cable end
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
Tolerance cable length L - \pm	10 mm
Basic dynamic load rating - C	33.2 kN
Fatigue load limit P_u	0.915 kN
Calculation factor k_r	0.025
Calculation factor f_0	14
Number of pulses per revolution N	80
Calculation factor - f_0	14
Fatigue load limit - P_u	0.915 kN
Calculation factor - k_r	0.025
Tolerance phase shift output signal	± 30 °

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 °