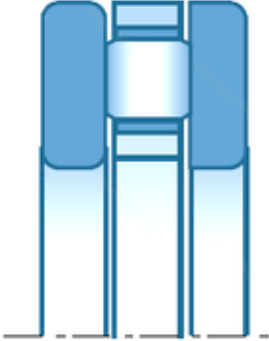




Eccentric Bearing Manufacturing

NTN 81222 size 160*110*38 gear reducer bearing



Bearing No. 81222

81222 Bearing 2D drawings and 3D CAD models

Size	110x160x38 mm
Bore Diameter	110,000 mm
Outer Diameter	160,000 mm
Width	38,000 mm
d	110,000 mm
D	160,000 mm
T	38,000 mm
d1	160 mm
D1	113 mm
Dc1	110 mm
Dc	160 mm
Dw	15 mm
Lw	15 mm
rs min	1.1 mm
Cage assembly reference	K81222
Bearing ring (inner ring) WS	WS81222
Bearing ring (outer ring) GS	GS81222
Ea	150 mm
Eb	119.2 mm
Mass	2.45 kg
Cage assembly mass	0.68 kg
Bearing ring (inner ring) WS mass	0.88 kg
Bearing ring (outer ring) GS mass	0.88 kg



Eccentric Bearing Manufacturing

Ca	258 kN
C0a	885 kN
Nlim (grease)	450 rpm
Nlim (oil)	1,800 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.5 Hz
Characteristic rolling element frequency, BSF	8.97 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic inner ring frequency, BPF1	10 Hz
da min	149 mm
Db max	119 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	2.41
Product Group	B04144