

# ZEN F61902-2RS deep groove ball bearings

Our highly-skilled and factory-trained service 40x80x19.75 Size (mm) experts have the resources to help you with all your ZEN F61902-2RS deep groove ball bearings needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	40x80x19.75
Bore Diameter (mm)	40
Outer Diameter (mm)	80
Width (mm)	19,75
d	40 mm
D	80 mm
T	19,75 mm
B	18 mm
C	16 mm
ra1 max.	1,5 mm
a	16,5 mm
r min.	1,5 mm
r1 min.	1,5 mm
da min.	48,5 mm
Da min	69 mm
Da max.	71,5 mm
db max.	49 mm
Db min.	75 mm
ra max.	1,5 mm
Sa	3 mm

Sb	3,5 mm
Weight	0,435 Kg
Basic dynamic load rating (C)	61 kN
Basic static load rating (C0)	67 kN
(Grease) Lubrication Speed	4 900 r/min
(Oil) Lubrication Speed	6 600 r/min
Calculation factor (e)	0,37
Calculation factor (Y0)	0,88
d1	58 mm
rs min	1.5 mm
r1s min	1.5 mm
e	0.37
Y2	1.6
Y0	0.88
Mass	0.44 kg
ISO 355 reference	T3DB040
Dynamic load, C	61 kN
Rating life coefficient, A2	1.4
Static load, C0	67 kN
Fatigue limit load, Cu	8.2 kN
Nlim (oil)	6,600 rpm
Nlim (grease)	4,900 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	5.82 Hz
Characteristic outer ring frequency, BPF0	7.12 Hz
Characteristic inner ring frequency, BRFI	9.88 Hz
da max	49 mm

db min	48.5 mm
Da max	71.5 mm
Db min	75 mm
Ca min	3 mm
Cb min	3.5 mm
ra max	1.5 mm
r1a max	1.5 mm
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4547359003208
Product Group	B04336