

ISO 497/493 tapered roller bearings

Our highly-skilled and factory-trained 40 Outer Diameter (mm) service experts have the resources to help 80x40x18 Size (mm) you with all your ISO 497/493 tapered roller bearings needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	80x40x18
Bore Diameter (mm)	80
Outer Diameter (mm)	40
Width (mm)	18
d	40 mm
D	80 mm
B	18 mm
d1	52.6 mm
D2	69.8 mm
r1,2 – min.	1.1 mm
da – min.	47 mm
da – max.	52.5 mm
Da – max.	73 mm
ra – max.	1 mm
Basic dynamic load rating – C	32.5 kN
Basic static load rating – C0	19 kN
Fatigue load limit – Pu	0.8 kN
Reference speed	18000 r/min
Limiting speed	9000 r/min
Calculation factor – kr	0.025

Calculation factor – f0	13.8
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.382
EAN	7316570420982
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch – Metric	Metric
Long Description	40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer Item Number	6208-2Z
Weight / LBS	0.84
Outer Race Width	0.709 Inch 18 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Bore	1.575 Inch 40 Millimeter
d1 ≈	52.6 mm

D2 ≈	69.8 mm
r _{1,2} min.	1.1 mm
d _a min.	47 mm
d _a max.	52.5 mm
D _a max.	73 mm
r _a max.	1 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating C ₀	19 kN
Fatigue load limit P _u	0.8 kN
Calculation factor k _r	0.025
Calculation factor f ₀	13.8
Mass bearing	0.38 kg