

## 7208BC



### Technical sheet of 7208BC

#### What are the Benefits of choosing 7208BC bearings?

- **High speed and high precision:** Extremely high limiting speed, rotational accuracy reaches P5 level or higher, suitable for precision equipment.
- **Flexible assembly:** A single unit can withstand unidirectional axial and radial forces; bidirectional load-bearing or anti-tipping can be achieved through DB/DF/DT combinations.
- **Compact structure:** Small footprint and light weight, suitable for small and medium-sized equipment.

<b>Type :</b>	Single row angular contact ball bearings	
<b>Model :</b>	<a href="#">7208BC</a>	
<b>Main demensions :</b>	40 mm × 80 mm × 18 mm	Bore Dia × Outside Dia × Width Dia
<b>M kg:</b>	0.356	Mass
<b>HS Code :</b>	8482103000	Bearing customs code
<b>d mm:</b>	40	inner ring diameter
<b>D mm:</b>	80	Outer ring diameter
<b>B(T) mm:</b>	18	Overall Width

#### Detailed parameters and installation dimensions:

Part Number: 7208B IBC Bearings

Technical description (B): B=(B-SKF)=40° Contact Angle.

Bearing Type: Angular Contact Ball Bearings, Single Row

Bearing Size (metric): Inner dia. (d): 40,00 mm X Outer dia. (D): 80,00 mm X Width (B): 18,00 mm or Size: 40,00 mm \* 80,00 mm \* 18,00 mm

Original Equipment Manufacture(OEM NO.): 7208B

Seals Type: No Seal

Cage Design: S (Steel or Standard Cage)  
Precision Rating: Standard class precision  
Contact Angle: 40 Degrees  
Pairing: No pairing  
Axial internal clearance: No Preload  
Type of lubrication: Standard class lubrication

### **What are the applications of the 7208BC bearing?**

- **Motor/Machine Tool Spindles:** Used in high-speed motors, electric spindles, and grinding heads. High limiting speed, P5/P4 rotational accuracy ensures smooth machining.
- **Automotive Transmissions:** Used in gearboxes, compressors, and water pumps. Withstands complex loads, high reliability, and adaptable to medium speeds.
- **General Purpose Pumps/Fans:** Used in centrifugal pumps and cooling fans. Compact structure, low friction, long service life, and maintenance-free operation.
- **Light Industry/Textiles:** Used in textile spindles and packaging machinery. High speed, low vibration, suitable for continuous operation.

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