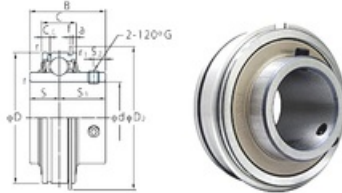


ER207-20



Technical sheet of ER207-20

What are the Benefits of choosing ER207-20 bearings?

- **Extremely simple installation:** Pre-assembled unit, simply tighten bolts, no need to machine bearing housings.
- **Self-aligning:** Outer spherical surface compensates for $\pm 2^\circ$ installation error, reducing jamming.
- **Lifetime sealing:** Pre-filled grease + multi-layer seal, maintenance-free, dustproof and waterproof.

Type :	Insert Bearing Units	
Model :	ER207-20	
Main demensions :	31.75 mm × 72 mm × 42.9 mm Bore Dia × Outside Dia × Width Dia	
M kg:	0.69	Mass
d mm:	31.75	inner ring diameter
D mm:	72	Outer ring diameter
B(T) mm:	42.9	Overall Width
Cr kN:	25.7	Radial dynamic load rating
C0r kN:	15.4	Radial static load rating

Detailed parameters and installation dimensions:

- d: 31.75 mm
- D: 72 mm
- B: 42.9 mm
- C: 24 mm
- S1: 25.4 mm
- a: 3.18 mm
- f: 1.65 mm

r min.: 1.1 mm
r1 min.: 0.5 mm
C: 5.5 mm
D2: 78.4 mm
S: 17.5 mm
S2: 6.5 mm
G: 5/16-24UNF
Mass: 0.69 Kg
Cr: 25.7 kN
Cor: 15.4 kN
f0: 13.9

What are the applications of the ER207-20 bearing?

- **Agricultural machinery:** Drive shafts for tractors and harvesters.
- **Conveying equipment:** Drive roller shafts and tensioner shafts for belt conveyors and chain conveyors.
- **Ventilation equipment:** Large industrial fans.
- **Transmission systems:** Supports for the output shaft of geared motors.
General machinery used in industries such as textiles and food processing.

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