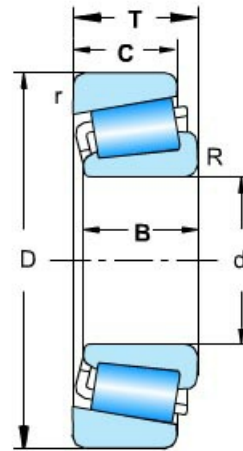


HM 803146/2/110/2/QCL7C



Technical sheet of HM 803146/2/110/2/QCL7C

What are the Benefits of choosing HM 803146/2/110/2/QCL7C bearings?

- **Separable Installation:** The inner ring assembly can be separated from the outer ring, making installation, disassembly, and maintenance very convenient.
- **Composite Load Bearing:** Capable of simultaneously withstanding radial and unidirectional axial loads, exhibiting strong versatility.
- **High Rigidity:** When installed in pairs, the system exhibits high rigidity, accurately guiding the shaft system.
- **Low Friction:** Designed for pure rolling, resulting in low operating friction and minimal heat generation.

Type :	Single row taper roller bearings	
Model :	HM 803146/2/110/2/QCL7C	
Main demensions :	41.275 mm × 88.9 mm × 30.162 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.9	Mass
HS Code :	8482200000	Bearing customs code
d mm:	41.275	inner ring diameter
D mm:	88.9	Outer ring diameter
B(T) mm:	30.162	Overall Width
Cr kN:	95.2	Radial dynamic load rating
C0r kN:	127	Radial static load rating

Grease r/min:	5600	Reference speed
Oil r/min:	8000	Limiting speed

What are the applications of the HM 803146/2/110/2/QCL7C bearing?

- **Automotive Industry:** Transmissions, differentials, wheel hubs. Bearing complex loads, ensuring smooth and precise operation at high speeds.
- **Industrial Transmission:** Gearboxes, reducers, machine tool spindles. Providing high rigidity, reducing vibration, and ensuring transmission accuracy.
- **Railway/Roller Vehicles:** Wheel bearings. High load-bearing capacity, adaptable to frequent starts and stops and impacts.

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