



#### ITEM NUMBER

# ML7018CVUJ74 S

High Speed Single Angular Contact Ball Bearing  
- High Precision

Single Row Machine Angular Contact Ball Bearings

**d**  
**90 mm**  
Bore

**D**  
**140 mm**  
Outside diameter

**B**  
**24 mm**  
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/ml7018cvuj74s/?lang=en>

## Technical Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Bore Type                   | Round                    |
| Material                    | High Carbon Chrome Steel |
| Cage Type                   | Stratified               |
| Cage Material               | Phenolic                 |
| Ball Material               | Steel                    |
| Limiting Speed - Oil        | 19100 RPM                |
| Limiting Speed - Grease     | 12500 RPM                |
| Precision                   | ISO Class 4              |
| Configuration               | One                      |
| Preload                     | Light                    |
| Static Load Rating          | 3250 N                   |
| Dynamic Load Rating         | 52000 N                  |
| Enclosure                   | Open                     |
| Operating Temperature Range | -40 to 120 °C            |

## Dimensional Specifications

|   |           |
|---|-----------|
| d | 90.000 mm |
|---|-----------|

|                     |            |
|---------------------|------------|
| D                   | 140.000 mm |
| B                   | 24.000 mm  |
| r2 max              | 1.500 mm   |
| r3 max              | 0.600 mm   |
| Contact Angle       | 17 °       |
| a (Load Center)     | 28.000 mm  |
| d2                  | 103.000 mm |
| d3                  | 106.500 mm |
| D1                  | 124.500 mm |
| D4                  | 130.000 mm |
| D5                  | 4.3504 mm  |
| E                   | 110.500 mm |
| Double Row Width    | 48.000 mm  |
| Triple Row Width    | 72.000 mm  |
| Quadruple Row Width | 96.000 mm  |

## CONTACT

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