



#### ITEM NUMBER

# MLCH7001HV

High Speed, Single Hybrid Angular Contact Ball Bearing, High Precision

Single Row Machine Angular Contact Ball Bearings

**d**  
**12 mm**  
Bore

**D**  
**28 mm**  
Outside diameter

**B**  
**8 mm**  
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/mlch7001hv/?lang=en>

## Technical Specifications

|                             |                          |
|-----------------------------|--------------------------|
| Bore Type                   | Round                    |
| Material                    | High Carbon Chrome Steel |
| Cage Type                   | Stratified               |
| Cage Material               | Phenolic                 |
| Ball Material               | Ceramic                  |
| Limiting Speed - Oil        | 130000 RPM               |
| Limiting Speed - Grease     | 97500 RPM                |
| Configuration               | One                      |
| Enclosure                   | Open                     |
| Operating Temperature Range | -40 to 120 °C            |

## Dimensional Specifications

|        |           |
|--------|-----------|
| d      | 12.000 mm |
| D      | 28.000 mm |
| B      | 8.000 mm  |
| r2 max | 0.300 mm  |
| r3 max | 0.150 mm  |

|                     |           |
|---------------------|-----------|
| Contact Angle       | 25 °      |
| a (Load Center)     | 9.000 mm  |
| d2                  | 16.200 mm |
| d3                  | 16.700 mm |
| D1                  | 21.500 mm |
| D4                  | 22.100 mm |
| D5                  | 0.6969 mm |
| E                   | 17.700 mm |
| Double Row Width    | 16.000 mm |
| Triple Row Width    | 24.000 mm |
| Quadruple Row Width | 32.000 mm |

## CONTACT

**Email:** [infos@catson.com.vn](mailto:infos@catson.com.vn)

**Website:** [www.catson.vn](http://www.catson.vn)

**Phone:** +84 28 3820 8888

**Fax:** +84 28 3826 8888

