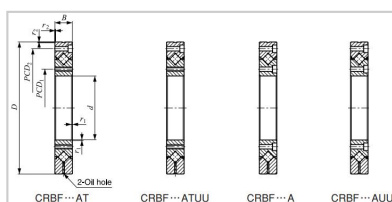


## Crossed Roller Bearing

### CRBF full completement crossed roller bearings-10



#### Boundary dimensions mm

|        |             |
|--------|-------------|
| d      | 10          |
| r 2min | CRBF108AT   |
| r 1min | CRBF108ATUU |
| B      | 10          |
| D      | 52          |

#### Identification number

|                                |              |
|--------------------------------|--------------|
| Sealed Type                    | 8            |
| Open Type                      | 0.3          |
| Shaft dia. mm                  | 0.3          |
| Mass (Ref.) kg                 | 16           |
| Basic static load rating C 0 N | 4-M3 through |

#### Basic dynamic load rating C N

|                               |    |
|-------------------------------|----|
| Basic dynamic load rating C N | 42 |
|-------------------------------|----|

#### Mounting dimensions mm

|     |   |
|-----|---|
| Da  | 6-φ3.4 through φ6.5<br>counter bore depth 3.3 |
| d a | 24  |

#### Mounting holes mm

|                           |      |
|---------------------------|------|
| PCD1                      | 31   |
| Inner ring Mounting holes | 2910 |
| PCD2                      | 2430 |
| Outer ring Mounting holes | 0.12 |

**CRBF Super Slim Crossed Roller Bearings** with mounting hole have an ultra-slim 5 mm bearing width□it's easy bolt-on mounting eliminates complex mounting procedures.Mounting Holed Type Super Slim Crossed Roller Bearings can be mounted directly to the mounting surface. No housing or pressure plate required.

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### Mounting:

The shoulder height diameters ( $d_a$  and  $D_a$ ) which are related to mounting must meet the values shown in the dimension tables. When used with a housing, it is recommended to use a slight interference fit adjusted to the actual measured dimensions of the outer and inner ring. In addition, the depth of the housing bore is recommended to be equal to or larger than the bearing width. Mounting Holed Type Super Slim Crossed Roller Bearings have a plug hole for inserting cylindrical rollers. When mounting the bearings, position the plug away from the maximum load. The plug is located by the pin on the side.