

## Datasheet TEJDB01C



TEJDB01C bearing is made of aluminium brass with graphite embedded in a ring groove. With frictional heat graphite and avle form a metastatic film, which will reduce the friction coefficient and increase operating life.

### Application



### Material



Aluminum brass with solid-lubricant.

### Availability

|                  | Value      | Unit |
|------------------|------------|------|
| Inside diameter  | on request |      |
| Outside diameter | on request |      |
| Flange diameter  | on request |      |
| Flange height    | on request |      |
| Total length     | on request |      |



## TEJDB01C - Specifications

### Physical properties

|  | Test standard | Value | Unit |
|--|---------------|-------|------|
|--|---------------|-------|------|

### Mechanical properties

|                                       | Test standard | Value      | Unit |
|---------------------------------------|---------------|------------|------|
| Compressive strength static           |               | on request |      |
| Module of elasticity - Youngs modulus |               | on request |      |
| Tensile strength                      |               | on request |      |
| Shear strength                        |               | on request |      |
| Impact strength                       |               | on request |      |
| Hardness                              |               | on request |      |
| Dynamic load capacity                 |               | on request |      |

### Thermal properties

|                                  | Test standard | Value      | Unit |
|----------------------------------|---------------|------------|------|
| Min. working temperature         |               | on request |      |
| Max. working temperature         |               | 200        | °C   |
| Intermittent working temperature |               | on request |      |

### Friction properties

|                                 | Test standard | Value      | Unit |
|---------------------------------|---------------|------------|------|
| Coefficient of friction dynamic |               | 0,04-0,2   | [-]  |
| Max. sliding speed              |               | on request |      |
| Max. Pv-load dry                |               | on request |      |
| Max. Pv-load oil lubricated     |               | on request |      |
| Max. Pv-load on regular greased |               | on request |      |

### Electrical properties

|  | Test standard | Value | Unit |
|--|---------------|-------|------|
|--|---------------|-------|------|