



**Product Code . SEL-MM-11051**

## Hydrodynamic Journal Bearing

### Description

---

#### Hydrodynamic Journal Bearing

They are usually constructed as split bearings. Frictional heat occurring during operation must be dissipated by the lubricant.

The is a horizontally split hydrodynamic pedestal journal bearing. Journal bearings execute a sliding motion between a bearing journal and a bearing shell. This sliding motion is usually lubricated by an intermediate medium. Hydrodynamic journal bearings give wear-free continuous duty for large diameters at high rotational speeds, and are suitable for high and shock-type loading. The bearing shells are supported from a face in the spherical bearing housing so as to ensure uniform transfer of any forces that arise to the bottom housing. The journal bearing is lubricated by a loose lubricating ring. Standard commercially available mineral oils can be used.




#### Specification:-

- Floating Edge Seal To Seal The Face Of The Shaft.
- Sealing Of Contact Faces Of Housing Halves With Non-• Setting Sealing Compound.
- Learning Concept For Assembly Exercises On An
- Upright Hydrodynamic Journal Bearing.

- Stainless Steel Drive Shaft.
- Oil Lubrication.
- Complete Assembly Tool Kit.
- Journal bearing parts and tools housed in a sheet-steel tool box.

We are leading manufacturers, suppliers of Hydrodynamic Journal Bearing for Mechatronics Models. Contact us to get high quality Hydrodynamic Journal Bearing for Mechatronics Models for schools, colleges, universities, research labs, laboratories and various industries.

```
{ "@context": "https://schema.org/", "@type": "Product", "name": "Hydrodynamic Journal Bearing",
"image": "http://www.schooleducationalinstrument.com/images/catalog/product/1065537941HydrodynamicJournalBearingWithlogo.jpg", "description": "They are usually constructed as split bearings. Frictional heat occurring during operation must be dissipated by the lubricant. The is a horizontally split hydrodynamic pedestal journal bearing. Journal bearings execute a sliding motion between a bearing journal and a bearing shell. This sliding motion is usually lubricated by an intermediate medium. Hydrodynamic journal bearings give wear-free continuous duty for large diameters at high rotational speeds, and are suitable for high and shock-type loading. The bearing shells are supported from a face in the spherical bearing housing so as to ensure uniform transfer of any forces that arise to the bottom housing. The journal bearing is lubricated by a loose lubricating ring. Standard commercially available mineral oils can be used. Specification:- • Floating Edge Seal To Seal The Face Of The Shaft. • Sealing Of Contact Faces Of Housing Halves With Non-• Setting Sealing Compound. • Learning Concept For Assembly Exercises On An • Upright Hydrodynamic Journal Bearing. • Stainless Steel Drive Shaft. • Oil Lubrication. • Complete Assembly Tool Kit. • Journal bearing parts and tools housed in a sheet-steel tool box. We are leading manufacturers, suppliers of Hydrodynamic Journal Bearing for Mechatronics Models. Contact us to get high quality Hydrodynamic Journal Bearing for Mechatronics Models for schools, colleges, universities, research labs, laboratories and various industries.", "brand": "School Lab Instrument", "sku": "5", "gtin8": "5", "gtin13": "5", "gtin14": "5", "mpn": "5", "aggregateRating": { "@type": "AggregateRating", "ratingValue": "5", "bestRating": "5", "worstRating": "0", "ratingCount": "15" } }
```

School Educational Instruments,  
Hargolal Road, Ambala Cantt, Haryana India  
Direct Contact Details  +91-8569909696  sales@schooleducationalinstrument.com  
 www.schooleducationalinstrument.com