

Journal and Fluid-Film Bearing Trainer



Model: 204J-000

DAC Worldwide's Journal and Fluid-Film Bearing Trainer (204J-000) is a realistic, heavy-duty learning aide that allows for convenient and consistent training in the identification, installation, removal, and maintenance of a variety of babbit-type journal bearings found on high horsepower, high-speed rotating machines that have high loads.

The trainer contains two student workstations, as a split journal bearing is provided on each end of the device. The bearing allows for common maintenance practices, such as bluing checks, dent repair, and hand scraping. Learners will use these industrial-grade components to study topics such as types of fluid film bearings, manufacturing and inspection techniques, lubrication, and more. Not only do the components provide durability to stand up to frequent use, but they also aide learners in becoming better prepared for the tasks they will encounter on the job.

Practice Hands-On Mechanical Skills for Various Applications

The Journal and Fluid-Film Bearing Trainer features a 36-inch long formed-steel baseplate with provision for tabletop mounting. It includes two (2) three-inch diameter babbit-lined, split pillow blocks of 2-bolt and 4-bolt varieties, one (1) three-inch diameter machined shaft, combination wrenches, bearing shims, and more. Optional accessories expand training to include fluid film thrust bearings, radial fluid film bearings, as well as the setting of clearances in multistage pumps.

Expand Training with Additional Mechanical Options

The Journal and Fluid-Film Bearing Trainer is only one of DAC Worldwide's expansive mechanical training products. Other related equipment includes a Spherical Roller Bearing Pillow Block Assembly Cutaway (200-2045), a Bearing Maintenance Training System (204-000), a Bearing Sample Board (835), and many more!

Additional Student Training Manuals Available

A copy of this course's Student Training Manual comes with the training system. Sourced from the Exercises and Learning Activities, the Student Training Manual takes the technical content contained in the learning objectives, and combines it into one perfectly-bound book. If you would like to inquire about purchasing additional Student

Training Manuals for your program, please contact your local DAC Worldwide Representative for more information.

FEATURES & SPECIFICATIONS

- 7-Gauge, formed-steel baseplate, 36" long, allowing for mounting across the width of a standard shop bench
- Provision for installation of optional fluid film thrust bearing, simulated multi-stage pump housing and fluid film radial bearing
- Can be mounted on related bench and workstation products
- High-durability, powder coated surfaces throughout
- Two (2) 3" diameter babbet-lined, split pillow blocks, of both 2-bolt and 4-bolt varieties
- One (1) 3" diameter machined shaft, approximately 35" long (4140 material)

PRODUCT DIMENSIONS Product Dimensions

(L x W x H)

13.5in. x 30in. x 12in. (330 x 750 x 300 mm)

170lbs. (77kg)

Shipping Dimensions

(L x W x H)

15in. x 34in. x 24in. (380 x 860 x 610 mm)

290lbs. (132kg)

OPTIONS

- #510-000 - IPT Industrial Trades Training Manual
- #510-001 - IPT Industrial Trades Handbook
- #902F - Electromechanical Workstation (Recommended)
- #204-J02 - Fluid Film Thrust Bearing Assembly with housing
- #204-J03 - Fluid Film Radial Bearing Assembly with housing
- [#204J-PAC - Journal and Fluid-Film Bearing Training System Plus](#)

REQUIREMENTS

- #204-J01 - Toolkit, Journal Bearing

Address

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