

Sucker Rod Pump Stuffing Box Assembly Replica



Model: 295-406

DAC Worldwide's Sucker Rod Pump Stuffing Box Assembly Replica (295-406) is an economical, lightweight, and faithfully-reproduced representation of a common production wellhead stuffing box. The replica allows for convenient demonstration of stuffing box design, operating principles, assembly, and routine maintenance of a common assembly used in mechanical lift applications.

Learners will explore design, construction, operation, and control of sucker rod pump stuffing boxes using these learning tools. The detailed replication of a double-packed, 1500 PSI stuffing box assembly features a common stuffing box design used with a 1-1/2" polished rod, with all primary external and internal details depicted to make this a useful tool in both operations and maintenance training.

Its convenient size, detail, color-coding, and technically-accurate replications combine to allow the device to be useful in courses covering oil production and concepts, function of surface equipment, rod string behavior, and much more. This teaching aid complements courses in oilfield production activities, oil & gas production operations, and maintenance training.

Enhance Learning Using DAC Worldwide's Hands-On Sucker Rod Pump Stuffing Box Assembly Replica

DAC Worldwide's hands-on models take learning to the next level, offering both visual and physical learning styles to appeal to a variety of learners.

This Sucker Rod Pump Stuffing Box Assembly Replica features a formed-steel, 8-gauge baseplate, which allows for demonstration of primary packing compressions while under pressure, as well as the assembly's accommodation of pump alignment. To ensure an ideal training experience, the model also includes a durable PVC base, with provisions for tabletop mounting. All of the construction throughout the model is to-scale, and the perfect 3-dimensional solution for study, promotion, and training.

Fabricated primarily from cast urethane, both the primary assembly casting and the internal components allow for detailed investigation in the classroom or training lab. Assembly Casting replications include a lub gland cup, lub gland body, lower gland, body and base. Replications of primary internal components include split-cone packing rings (upper, intermediate, and lower), compression rings, and O-rings.

Expand Training with Additional Mechanical Models & Cutaways

The Sucker Rod Pump Stuffing Box is only one of DAC Worldwide's expansive mechanical training devices, which include a Sucker Rod Pump Component Sample Set ([295-407](#)), a Pump Jack Demonstrator ([295-409](#)), and many more!

FEATURES & SPECIFICATIONS

- Detailed replication of a double-packed, 1500 psi, stuffing box assembly offered by a leading manufacturer
- Cast-urethane replications of primary assembly castings, including: lub gland cap, lub gland body, lower gland, body and base
- Cast-urethane replications of primary internal components including:
 - Upper Split-Cone Packing Rings
 - Intermediate Split-Cone Packing Rings
 - Compression Rings
 - O-Rings
 - Lower Split-Cone Packing Rings
- Representative 1-1/2" diameter polished rod/mandrel (*not shown*)
- Formed-steel 8-gauge, powder-coated baseplate, with provision for mounting on related workstations
- Allows for demonstration of primary packing compression while under pressure
- Representative compression bolts and miscellaneous hardware
- Representative replica grease Zerk
- Single-use crate and provision for shipping via motor freight

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
13.5in x 12in x 17in (345 x 300 x 440 mm)
21 lbs. (9.5 kg)
- **Shipping Dimensions**
(L x W x H)
15.5in x 28in x 24in (400 x 710 x 600 mm)
46 lbs. (20.8 kg)

DISCLAIMER: Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only

and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.

OPTIONS

- #902V - Mobile Display Stand (Recommended)
- #902 - Electromechanical Workstation

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Contacts

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