

ANSI Centrifugal Pump Dissectible (Goulds)



Model: 275-100

ANSI process pumps conform to the dimensional standards of the American National Standards Institute (ANSI). Specifically, these horizontal, end suction, single stage centrifugal pumps must meet the American Society of Mechanical Engineers (ASME) B73.1 standard.

This standard ensures that these centrifugal pumps are comparable in size and identical in interface and envelope dimensions, regardless of manufacturer. This allows these pumps to be interchangeable in size of suction, location of suction, discharge nozzles, baseplates, input shafts, foundation bolt holes, and mounting dimensions.

ANSI pumps are known for their compact structure, low vibration, and constant flow rate, making them ideal for a wide variety of applications. Mostly used in the chemical industry, ANSI pumps are also used in various process applications, as well as food processing, paper mills, pulp mills, refineries, ethanol production, and textiles.

DAC Worldwide's ANSI Centrifugal Pump Dissectible (Goulds) (275-100) is an actual industrial Goulds-type pump that has been restored, sectioned, and mounted on a modular steel baseplate for classroom or lab training related to process pumps. The dissectible can also be mounted on a compatible DAC Worldwide bench or workstation.

Industry-Standard Components Provide Realistic, Hands-On Training

Technical training is most effective when learners can gain hands-on practice with industry-standard components they'll encounter on the job. The ANSI Centrifugal Pump Dissectible (Goulds) consists of an actual industrial-quality pump to provide learners with a realistic training experience that will build skills that translate easily to the workplace.

The ANSI Centrifugal Pump Dissectible (Goulds) is an actual industrial pump that has been restored using replacement hardware where necessary, retaining all key features. The 1/4 HP pump with inlet strainer features carefully-planned sectioning to allow its internal configuration to be exposed and showcased.

The pump dissectible allows for disassembly and basic maintenance activities. It also features a wet leg demonstration tube fabricated from clear PVC pipe.

The ANSI Centrifugal Pump Dissectible is available with several options that include: an electromechanical

workstation (902); handbooks and training guides; and an instructional video on the maintenance of a Goulds 3196 pump.

FEATURES & SPECIFICATIONS

- Centrifugal pump, 1/4 HP, with inlet strainer.
- Sectioning of an actual centrifugal pump (manufacturer Goulds chosen for industrial relevancy).
- Restoration of actual industrial pumps.
- Painting, where necessary, using a high-durability urethane coating.
- Replacement hardware where necessary.
- Wet leg demonstration tube fabricated from clear PVC pipe.
- 7-gauge, formed-steel baseplate with provision for bench-top, workstation, and storage rack mounting.
- Crating for shipment via common carrier.

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
Approx. 30in. x 13in. x 18in. (750 x 325 x 450 mm)
100-350lbs. (45-159kg)
- **Shipping Dimensions**
Varies

OPTIONS

- Recommended #902V - Mobile Display Stand
- #532-027 - Metering Pump Handbook
- #532-037 - Operator's Guide To Rotating Equipment (LeBleu/Perez) General
- #090-275 - Video on the maintenance of a Goulds 3196 pump (Goulds).
- #902 - Electromechanical Workstation

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