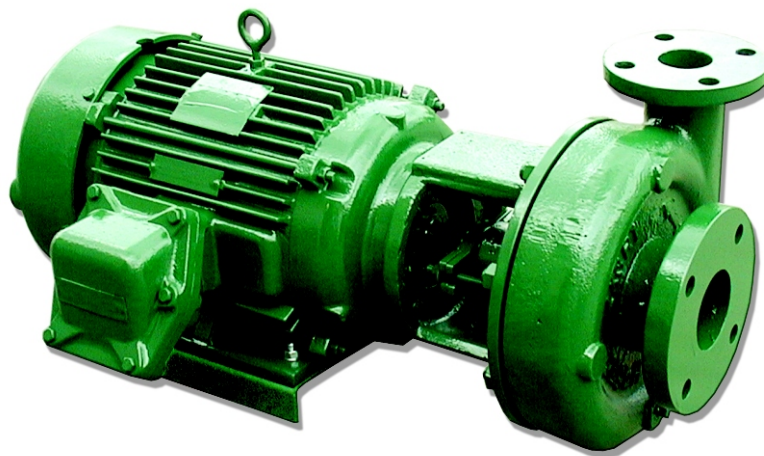


SpaceSaver® Centrifugal Pumps

National Oilwell Varco's line of Mission® SpaceSaver® Type "S" pumps have a very small footprint for applications where space is a premium. These heavy duty pumps require minimum mounting space and are close-coupled, eliminating couplings and coupling alignment considerations. The SpaceSaver pump line has been proven in mud pump liner coolant service, general rig water supply, micro-tunneling mud mixing and a variety of additional applications. The concentric casing design reduces wear when transferring abrasive fluids.



SpaceSaver® Centrifugal Pumps

FEATURES AND BENEFITS:

Available from 1" x 1½" to 3" x 4" sizes with motors from 3 to 10 HP, these pumps offer several important advantages:

The standard mechanical seal is backed up by three rings of conventional packing providing utmost reliability and minimal maintenance.

Shaft wear is prevented by an inexpensive, easy-to-install, stainless steel shaft sleeve that extends the full shaft seal length.

Standard parts are utilized throughout to simplify inventory needs and to integrate with the existing National Oilwell Varco line of Mission Type "S" pumps.

The mechanical seal uses a long life, single spring, inside-mounted unit with ceramic-carbon sealing faces. Tungsten-tungsten sealing faces are also available to provide maximum life in solids handling applications.

IN-STOCK XP MOTOR SIZES:

3 HP.....	1,800 rpm
5 HP.....	1,800 rpm
7.5 HP.....	1,800 rpm
10 HP.....	1,800 rpm
2 HP.....	1,450 rpm
3 HP.....	1,450 rpm
5 HP.....	1,450 rpm
7.5 HP.....	1,450 rpm

Note
1,200 rpm motors can be ordered.

BENEFITS:

The wide range of available 50 and 60 HZ motors enables quick deliveries.

The SpaceSaver pumps handle solids well and are capable of passing material up to a ¾" spherical solid.

Perfect motor alignment maximizes bearing and mechanical seal life.

The "hook" type stainless steel shaft sleeve makes removal and replacement quick and easy.

National Oilwell Varco's line of Mission SpaceSaver pumps are more compact, maintenance-free, and lighter than other comparable pumps.

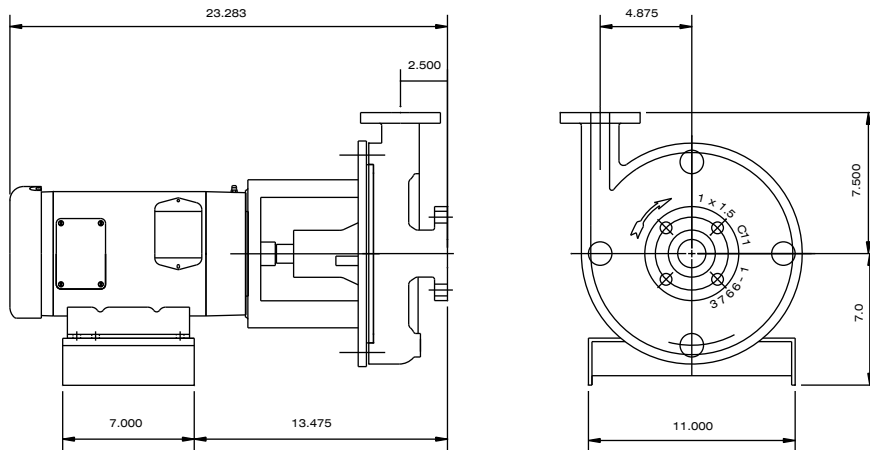
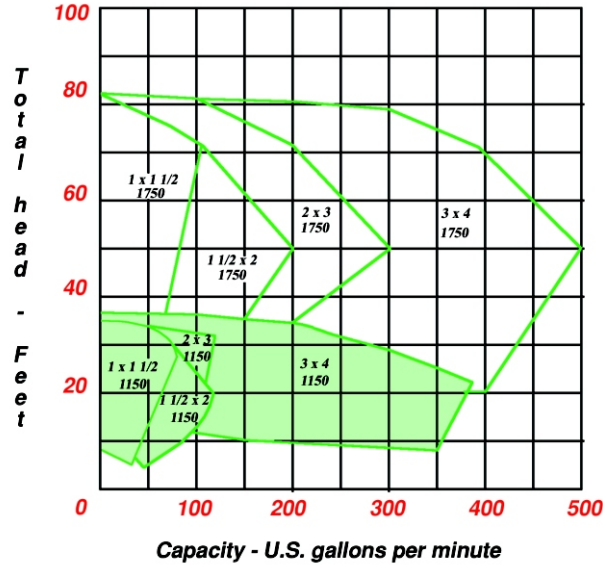
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 **NATIONAL OILWELL VARCO**

SpaceSaver[®] Centrifugal Pumps

SpaceSaver Close-Coupled Type "S" Pumps
Composite Curve: Clear liquids - Specific Gravity 1.0
10 HP, 1800 RPM - maximum motor size



1 X 1 1/2C with 3 HP 1800 RPM Motor

MORE PUMPS:

National Oilwell Varco offers a broad line of innovative Mission pumps for a variety of demanding applications. These pumps are designed for a wide range of flow rates, from a few gallons to thousands of gallons per minute.

MORE HELP:

To assure optimum performance discuss your pumping requirements with a nearby National Oilwell Varco Field Representative or an Authorized Distributor.

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