



SpaceSaver Centrifugal Pumps

The NOV 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.

Features

Available from 1 in. x 1½ in. to 3 in. x 4 in. 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 NOV 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.

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 in. 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.
- The NOV line of Mission SpaceSaver pumps are more compact, maintenance-free, and lighter than other comparable pumps.

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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.

More pumps

NOV 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 NOV field representative or an authorized distributor.

**SpaceSaver close-coupled type S pumps
composite curve: clear liquids - specific gravity
1.0 10 HP, 1800 rpm - maximum motor size**

