

# Submersible Oil and Gas Separator for Centrifugal Pumps

This oil and gas separator is designed for use in submersible centrifugal pumps and protectors. It separates drilling fluid into free gas and liquid, directing liquid to the pump and releasing gas into the tubing and casing annular space.



## Product Overview

### Submersible Centrifugal Pump Separator

This submersible oil and gas separator is a critical component designed for centrifugal pumps, effectively separating free gas from drilling fluid. By diverting liquid to the pump and releasing gas into the tubing-casing annulus, it optimizes pump performance and longevity. Engineered for durability, it is available in various configurations to handle harsh well conditions, including high-temperature, corrosive, and sandy environments.

## Technical Specifications

### Efficiency Improvement

**10 %**

Efficiency Gain

### Available Series

86 Series, 101 Series, 98 Series, 130 Series

## Product Features

### Specialized Configurations

- Common Separator
- Efficient Oil and Gas Separator
- Anti-Sand Separator
- Anti-Corrosion and Anti-Scaling Type
- High-Temperature Resistant Type

### Construction Details

#### Component

Suction port of the lower joint

Inducer

Separation rotor

Oil and gas diverting wheel

Upper joint with exhaust ports

Shaft and shell

### Advanced Protection

Surface Protection Coating • High-Temperature Sealed System