

# Герметизация резервуаров

## Технические характеристики

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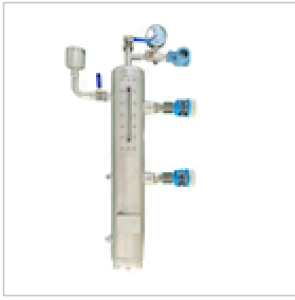
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### API Plan 52 53 Mechanical Seal Flushing Thermosiphon System

A mechanical seal flushing thermosiphon system is a critical component in ensuring the efficiency and longevity of mechanical seals in industrial machinery. This system utilizes the natural flow of liquid to provide a continuous flush of fluid to the seal faces, preventing the buildup of debris and ensuring proper lubrication. One of the key advantages of a thermosiphon system is its simplicity and reliability. By utilizing the natural convection of liquid, the system does not require...



### API Pump Mechanical Seal Flushing Pot

API Pump mechanical seal flushing pot, from 5Liter up to 20L volume, customized feature acceptable. made of stainless steel



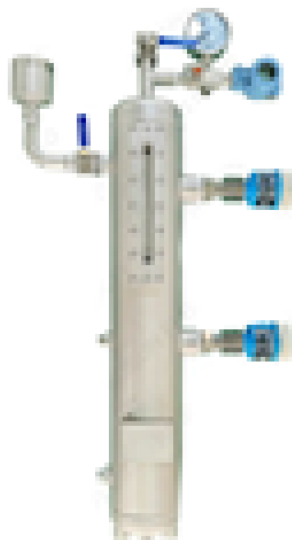
### API 682 PLAN 52 & 53A SEAL SUPPORT SYSTEM

API 682 PLAN 52 & 53A seal support system for Pumps, Agitators, and Mixers For API seal system Plan52 Plan 53A



### API Pump Mechanical Seal Thermosiphon Buffer Vessel

API Pump mechanical seal thermosiphon buffer vessel. made of stainless steel various option available, Max 40bar pressure rating



## API Plan 52 53 mechanical seal flushing thermosiphon system

A mechanical seal flushing thermosiphon system is a critical component in ensuring the efficiency and longevity of mechanical seals in industrial machinery. This system utilizes the natural flow of liquid to provide a continuous flush of fluid to the seal faces, preventing the buildup of debris and ensuring proper lubrication.

One of the key advantages of a thermosiphon system is its simplicity and reliability. By utilizing the natural convection of liquid, the system does not require any additional pumps or mechanical components, reducing the risk of potential failure and minimizing maintenance requirements. This makes it an ideal choice for applications where reliability is paramount.

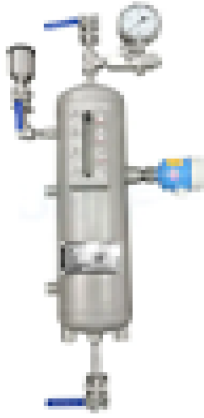
In addition, the thermosiphon system is highly effective in maintaining the temperature of the sealing fluid. This is important as temperature fluctuations can have a significant impact on the performance of mechanical seals. By ensuring a consistent temperature, the thermosiphon system helps to prevent thermal shock and prolong the life of the seals.

Furthermore, the continuous flushing provided by the thermosiphon system helps to keep the seal faces clean and free from debris. This not only extends the lifespan of the seals but also improves their efficiency, reducing the risk of leakage and costly downtime.

Overall, a mechanical seal flushing thermosiphon system is a valuable investment for any industrial operation. Its simplicity, reliability, and effectiveness in maintaining seal temperature and cleanliness make it an essential component in ensuring the smooth operation of machinery. By utilizing this system, businesses can improve the performance and longevity of their mechanical seals, ultimately leading to increased productivity.

ITEM	PARAMETERS
Material	SS304 ,SS316L
Surface finish	internal mirror polished ,external sand blasting
Capacity	9L ,12L ,20L
Operate pressure	70 Barg
Operate temperature	-40DegC to 300 DegC

## API Pump mechanical seal flushing pot



### Short Description:

API Pump mechanical seal flushing pot, from 5Liter up to 20L volume, customized feature acceptable. made of stainless steel

material:	ss304 ,SS316L
Capacity :	5l ,9l ,12,16l,20l
pressure :	0-40bar
Inner construction :	with coil or not
Application :	TS2000;PLAN52 53 ,PLAN23

Seal support systems are vital to the reliable functioning of the thousands of pumps that keep a refinery running around the clock. When they are properly designed, installed, and maintained, the seal support systems help ensure pump reliability and maximize the pump life by maintaining the optimum seal chamber conditions.

If you're new to API plans, you'll quickly realize that the range of options available in API seal flush plans reflects the range and complexity of the various pumping processes and conditions across a refinery. Choosing the right API seal flush plan is a critical step in ensuring pump reliability.

To keep mechanical seal systems functioning as long as possible, we recommend using standardized seal piping plans. Detailed API seal piping plans ensure minimal seal face wear by maintaining the optimal seal chamber environment.

This article covers best practices in seal piping installation, and outlines API standards for mechanical seal support systems.

ITEM	PARAMETERS
Material	SS304 ,SS316L
Surface finish	internal mirror polished ,external sand blasting
Capacity	9L ,12L ,20L
Operate pressure	70 Barg
Operate temperature	-40DegC to 300 DegC

KOSUN FLUID



## API 682 PLAN 52 & 53A SEAL SUPPORT SYSTEM

### Short Description:

API 682 PLAN 52 & 53A seal support system for Pumps, Agitators, and Mixers For API seal system Plan52 Plan 53A

material:	ss304 ,SS316L
Capacity :	5l ,9l ,12,16l,20l
pressure :	0-40bar
Inner construction :	with coil or not
Application :	TS2000;PLAN52 53 ,PLAN23

Seal support systems are designed to support a specific mechanical seal and set of process conditions. These systems supply either gas or liquid to the mechanical seal to regulate the environment in which the seal operates.

Making sure your seal support system is properly designed and installed is critical to keep your rotating equipment available for production. If seal system fluid is dirty or contains particulate, seal life can be negatively affected. Similarly, delivering the fluid at the wrong pressure or temperature can cause premature or even catastrophic seal failure.

we have plans for 52 53A 53B etc options

A full range of instrumentation options to suit your exact requirements is available.

Standard documentation, testing and NDT packs are offered.

Alternatively bespoke packages can be tailored to fit your exact requirements.

ITEM	PARAMETERS
Material	SS304 ,SS316L
Surface finish	internal mirror polished ,external sand blasting
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