



BM6D



PLAN 53B

The PLAN 53B provides external "barrier" liquid pressurized by a bladder accumulator in a chamber inside a double mechanical seal. The barrier liquid is circulated by a pumping device, and a water or air heat exchanger keeps the liquid itself at the correct temperature.

SPECIFICATIONS The PLAN53B ensures zero process emissions into the atmosphere and a clean liquid between the sliding faces if the process is dirty, viscous or multiphase.

The PLAN53B does not require an external source of nitrogen for pressurization, unlike the PLAN 53A, because its bladder accumulator is pre-filled independently.

WARNING The PLAN 53B requires regular inspection to make sure the conditions and volume of the elastomer bladder comply with the seal manufacturer's specifications.

The bladder is filled before the system is filled with barrier liquid, and is brought up to working pressure by compressing the elastomer bladder of the accumulator while the barrier liquid fills the system. Venting the system during start-up is essential for correct operation.



Mechanical Seals

FOR FPSO - FSO



FLUITEN ITALIA SPA
20016 Pero (Milano) Italy
Via Leonardo da Vinci, 14
Tel: +39 02 339403.1

[in](#) [s](#) [f](#) [v](#)
www.fluiten.it



FPSO - FSO

A Floating Production Storage and Offloading (FPSO) facility is a floating unit for drilling, storing and transferring oil or natural gas to onshore facilities, using support vessels or directly through oil or gas pipelines.

A floating storage and offloading (FSO) facility is a unit anchored in the open sea, which is used for storage, and sometimes to eliminate gases and separate off the water, mineral salts and sludge found in crude oil, which are usually pumped back underground.

[illegible]

The size of the light and indicator and ring was according to the specific conditions of the system. Further increase the light or reduce the diameter of the system will be discussed.

FLOATING OIL RIGS: CRITICAL ISSUES

Designers and equipment suppliers must pay the utmost attention to the safety of people and the environment by complying with very stringent technical specifications. While this is extremely important for offshore rigs, it is even more critical when the rigs are located off shore, due to the weather and sea conditions that have to be withstood.

The mechanical parts of the various pumps installed on the rigs have to be designed and manufactured in accordance with API specifications. These have to

The mechanical work selected for these cases have to be the best defined as "engineering" by the relevant standard.

Another critical element is the auxiliary lubrication system the lead supplier has to implement for the two seals. Besides having to comply with the technical specifications of the system and be made using the materials suitable for the marine environment, they also have to be designed to withstand possible burning, the mechanical stress resulting from the gear motion



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FLUITEN SOLUTION

