CS

CS LEAKAGE COLLECTION AND DETECTION SYSTEM FOR PLAN 65 OF MECHANICAL SEAL



PRODUCT FEATURES

- The inlet pipeline, overflow pipeline and outlet pipeline are all connected by union joints, which facilitate disassembly and adjustment of orientation.
- A warning port is set on the collection tank, and a liquid level switch can be optionally installed. If the mechanical seal leaks, it can be detected in time.
- The leakage liquid from the mechanical seal should enter from the bottom of the collection tank. The liquid is relatively stable and will not cause false alarms.
- A needle-type stop valve is set on the outlet pipeline. During normal operation, the valve is slightly opened to achieve a throttling effect.

SYSTEM PARAMETERS

Storage tank volume	5L
Pressure	80Bar
Optional configurations	Level switch / Level transmitter

SYSTEM MATERIALS

Storage tank	304SS/316L
Pipeline components	304SS/316L

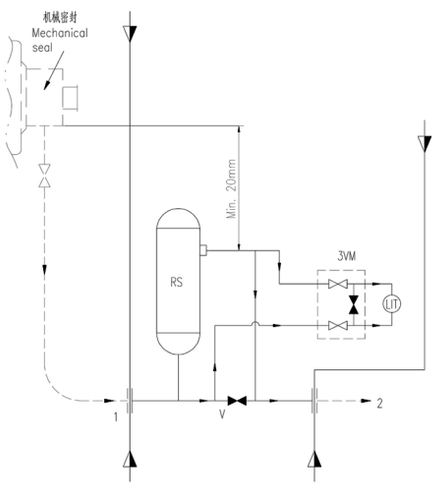
APPLICABLE INDUSTRIES

Process pumps

PRODUCT APPLICATION

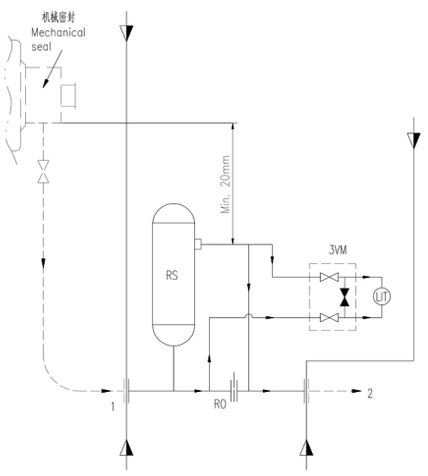
The CS type atmospheric end leakage collection and detection system is used to handle the leaked condensate medium. Based on whether the leakage flow of the collection system is too large, it is possible to detect whether the seal has malfunctioned. Used for pumping fluids under conditions where condensation occurs at ambient temperature.

PD 65 A utilizes a level transmitter fitted to the reservoir to trigger an alarm on excessive leakage and includes a loop to bypass an orifice (to prevent high pressure on the atmospheric side of the seal).



ITEM	SERVICE
1	Pproduct Inlet
2	To collection system
RS	Reservoir
RO	Restriction Orifice
LIT	Level transmitter
3VM	Three-valve manifold
LSH	High Level Switch

PD 65B also uses a level transmitter, but to alarm when the reservoir is full, and includes a loop to bypass an isolation valve (to prevent high pressure on the atmospheric side of the seal).



ITEM	SERVICE
1	Pproduct Inlet
2	To collection system
RS	Reservoir
V	Normally closed valve
LIT	Level transmitter
3VM	Three-valve manifold
LSH	High Level Switch

FBU SEALING TECHNOLOGY（SUZHOU）CO.,LTD

No.183, Yinhe Road, High Tech Industrial Development Zone Changshu Suzhou, Jiangsu, 215533

+86-512-57011188

sale@fbuseals.com

www.fbuseals.com

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