SSE

SSE TYPE CYCLONE SEPARATOR FOR API PLAN 31 PLAN 41 OF MECHANICAL SEAL





PRODUCT FEATURES

- These cyclone separators utilize a one-piece pressure casing, eliminating temperature and pressure constraints imposed by designs using bolted and gasketed casing covers.
- The simple construction reduces the maintenance and inventory costs associated with more complex designs.
- The efficient, lightweight assembly provides lower pipe stress when inline mounted, while offering operating pressures up to 207 bar/3000 psi.

PRODUCT APPLICATION

1. Type SSE suspension separator is used for API Plan 31 of single mechanical seal.
2.Type SSE suspension separator is specified only for services containing solids with a specific gravity at least twice that of the process fluid. The practical lower limit of particle sizes for effective separation is 1 micron.
3.In Piping Plan 31, product is routed from the discharge of the pump into a cyclone separator. Solid particles are centrifuged from the stream and routed back to suction. The seal flush is routed from the cyclone separator into the flush connection on the seal gland plate.

NO.	SERVICE
1	The liquid from pump outlet
2	Clean flush fluid after separation
3	The liquid containing a larg After separation, e number of solid particles is sent to the pump inlet after separation

SYSTEM PARAMETERS

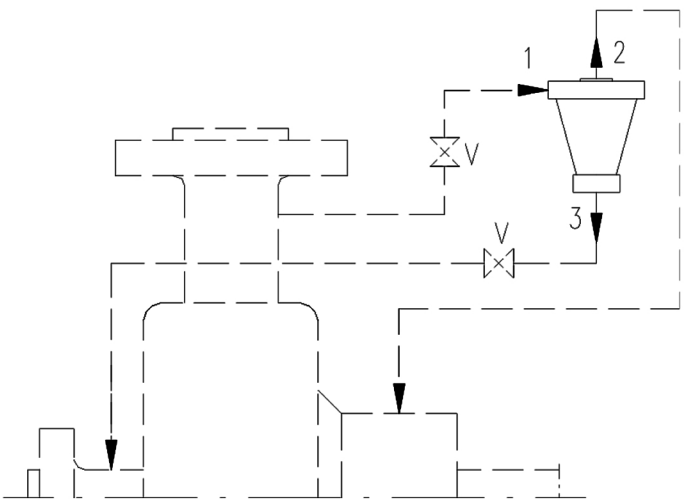
Temperature	-20°C~ +200°C
Pressure	207Bar

SYSTEM MATERIALS

Shell	D2205
Core	D2205

APPLICABLE INDUSTRIES

- Process pumps
- Other rotating equipment
- High abrasives content



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