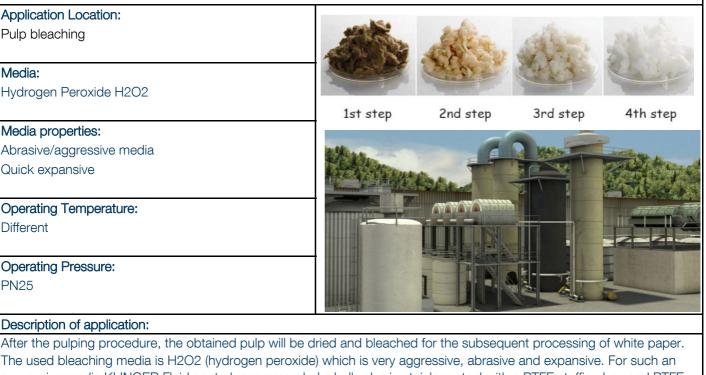


KLINGER Fluid Control

Application Case for the Pulp & Paper Industry

KLINGER Ballostar KHA for a bleaching process



The used bleaching media is H2O2 (hydrogen peroxide) which is very aggressive, abrasive and expansive. For such an aggressive media KLINGER Fluid control recommended a ball valve in stainless steel with a PTFE stuffing box and PTFE seat seals that are oil & grease free. The upstream sealing element is equipped with an additional pressure relief drilling to avoid a too large media expansion in the cavity of the ball valve.

Execution of ball valve series KHA for a bleaching process:

Line Size range: DN15 - DN125, PN40

Stem sealing: PTFE labyrinth stuffing box

Stem Material: 1.4104, 1.4404

Sealing system ball : Pure PTFE

.) Upstream sealing element with pressure relief drilling for cavity

Ball Material: Stainless steel 14401/14408

Body material: Stainless steel 1.4408

Additional equipment:

- .) Flanges weld ends or threaded ends
- .) Cleaning: valve must be oil & grease free
- .) With additional PEEK washer on stem for high operating cycles
- .) Pneumatic actuator for fast closing



Contact person for further information

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