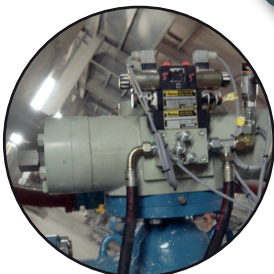
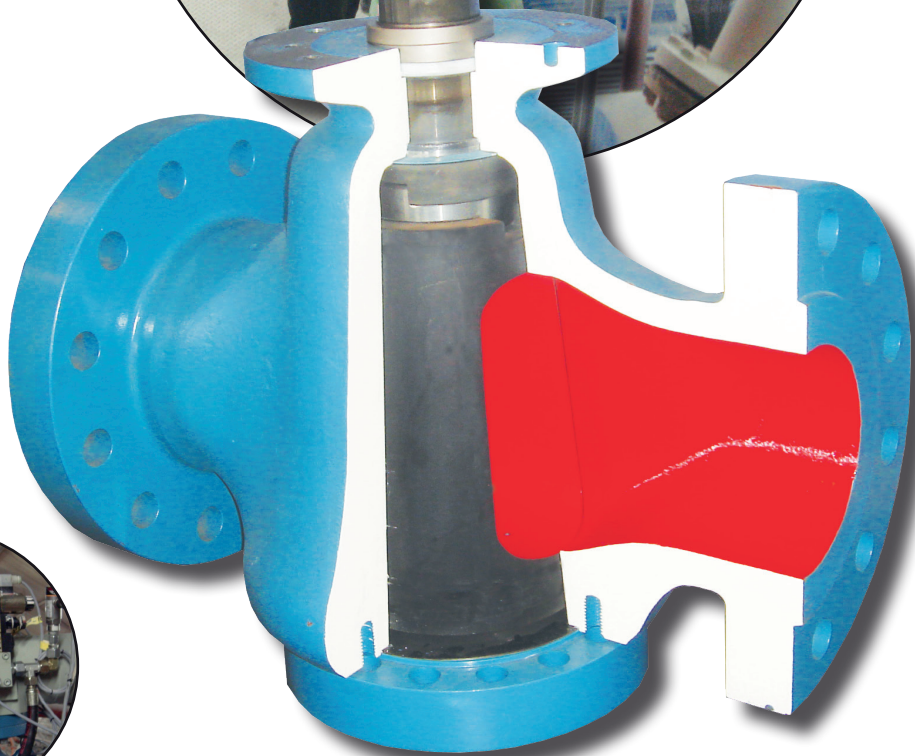


BRDR. CHRISTENSEN
CREATING QUALITY VALVES WORLDWIDE

www.bch.dk



Maintenance free Plug valves for Cement Plants



EROSIVE

Brdr. Christensen has been the standard setting manufacturer of plug valves for more than 50 years. Since our manufacturing start in 1958 we have obtained a unique "first choice" status amongst the leading companies in the oil and gas and cement industry all over the World.



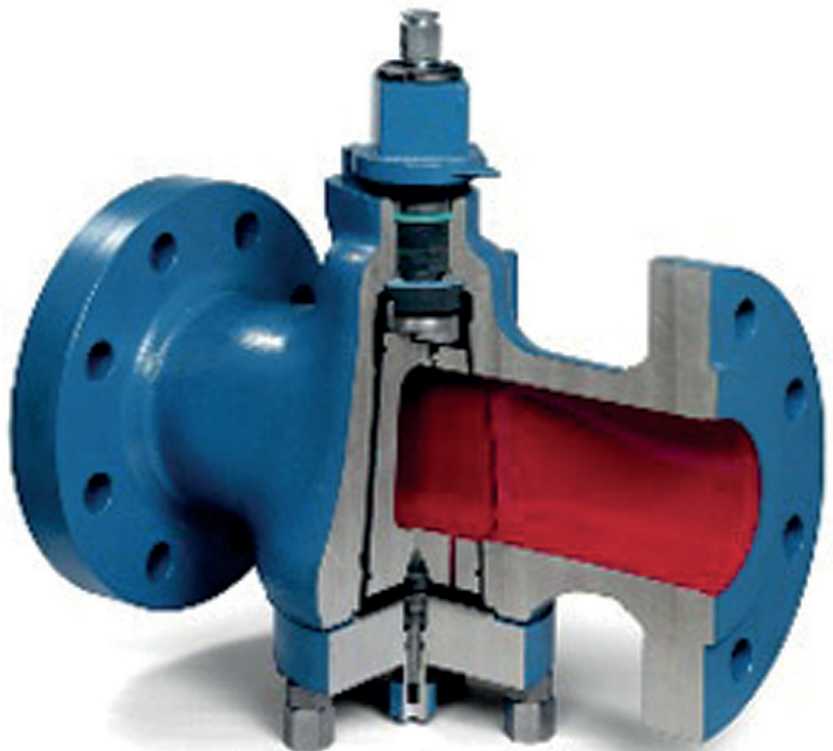
Plug valves are ideal for almost any medium, especially under most severe operating conditions. Brdr. Christensen has a wide range of plug valves from 1" up to 36" valves in classes up to 2500.

We can manufacture plug valves for your needs and our valves work under extreme conditions from Alaska to the North Sea and from South America to the Middle East Area.

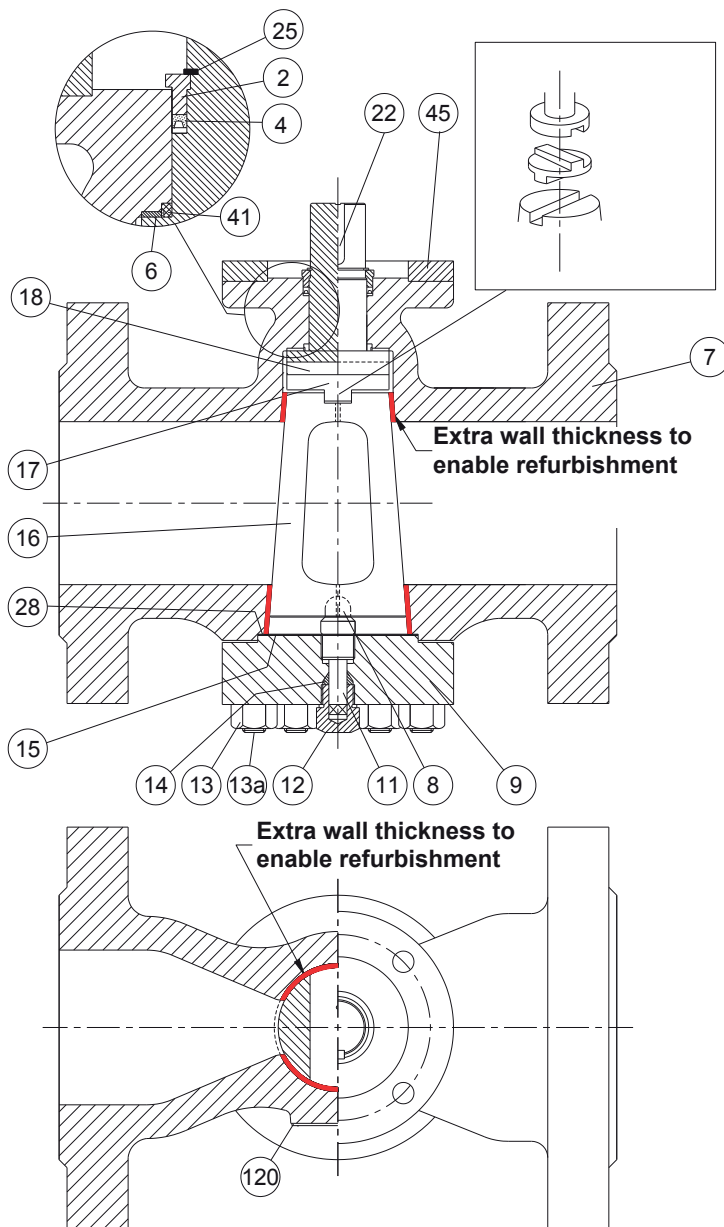
This experience with plug valves has given us the knowledge to introduce a new plug valve, which is designed especially for the cement industry and for mediums that consist of very abrasive/corrosive particles dissolved in fluids.

Important Design Features

- Lubricationfree design
- Easy to refurbish



RESISTENT DESIGN



Hardened plug specially grinded and individually fitted into the seat of the housing, ensures a longer life time.

Erosive particles in the fluids are “scrapped off” when the valve is operated - instead of being trapped in a gap between plug and housing.

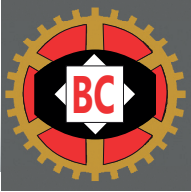
Extra wall thickness to enable refurbishment. The Valve Bodyseat can be machined and refitted with a new oversize plug.

- | | | |
|------|----------------|---|
| 2. | Steam bearing | Steel |
| 4. | Sealing Ring | P.T.F.E. spring loaded |
| 6. | Thrust plate | P.T.F.E. reinforced |
| 7. | Body | Steel |
| 8. | Distance Piece | Steel |
| 9. | Bottom Cover | Steel |
| 11. | Pressure screw | Steel |
| 12. | Bottom Screw | Steel |
| 13. | Nuts | Steel |
| 13a. | Studs | Steel |
| 14. | Retaining Ring | Steel |
| 15. | Diaphragm | Stainless Steel |
| 16. | Plug | Steel case Hardened |
| 17. | Equalizer Ring | Steel |
| 18. | Operating Stem | Steel |
| 22. | Parallel Key | Steel C45K or St. 60-2 (EN 10277) |
| 25. | Snap Ring | Spring Steel |
| 28. | Diaphragm | Stainless Steel |
| 41. | Fire Seal | Graphite with
Stainless Steel AISI 316 or
AISI 316L (W.no. 1.4401 or
W.no. 1.4404) back-up ring. |
| 45. | Adapter Flange | Steel |
| 120. | Name Plate | Stainless Steel |

Despite the fact that only ordinary steel is used for the main components on the valve, the valve has proven to be extremely wear resistant. This makes the valve a great, less expensive alternative, compared to the more expensive “Stellite” coated valves.



Holcim Cementwerk, Germany.



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Maintenance free plug valves at Holcim Zementwerk in Germany and at FL Schmidt cement work in Denmark etc.

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