

Upgrade kit



Preventive Maintenance

Upgrade kit – SWP 2.3MW Cylinder protection kit

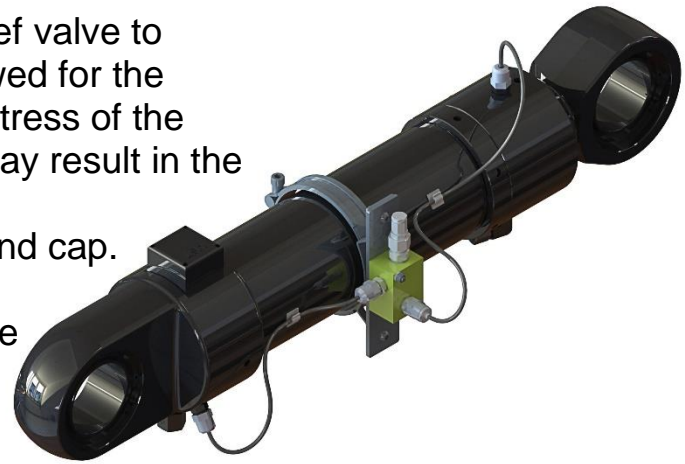
Purpose

An upgrade solution is now available for the protection of the pitch cylinder for SWP 2.3MW turbines.

The original pitch ram design does not include a relief valve to ensure the pressure stays below the maximum allowed for the cylinder and the system. This may lead to extreme stress of the endcap and seals from over pressurization, which may result in the endcap cracking or bursting.

Another common failure mode is leakage from the end cap.

This Dellner Hydratech solution ensures the pressure stays below the maximum allowed, which ensures a longer cylinder lifecycle, which again ensures longer lifetime of the cylinder.

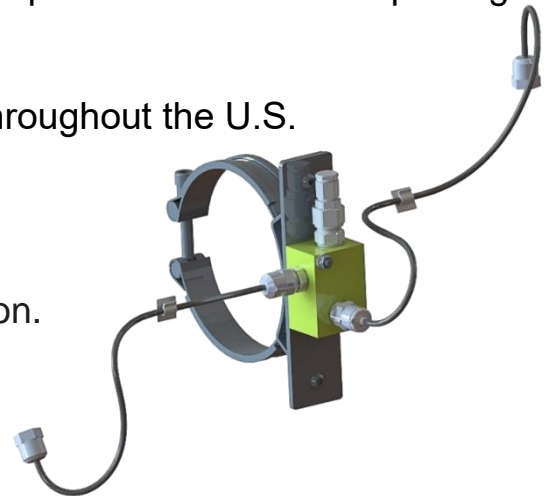


Solution

Installation of the upgrade kit will compensate for stress caused by over pressurization and thermal expansion, reducing the likelihood of fractures and seal leaks from the end cap. This solution will be preventative and cost effective compared to the cost of replacing the entire pitch cylinder.

Dellner Hydratech's retrofit kit is being used at wind sites throughout the U.S.

Please contact our service department for further information.
We are looking forward to support you!

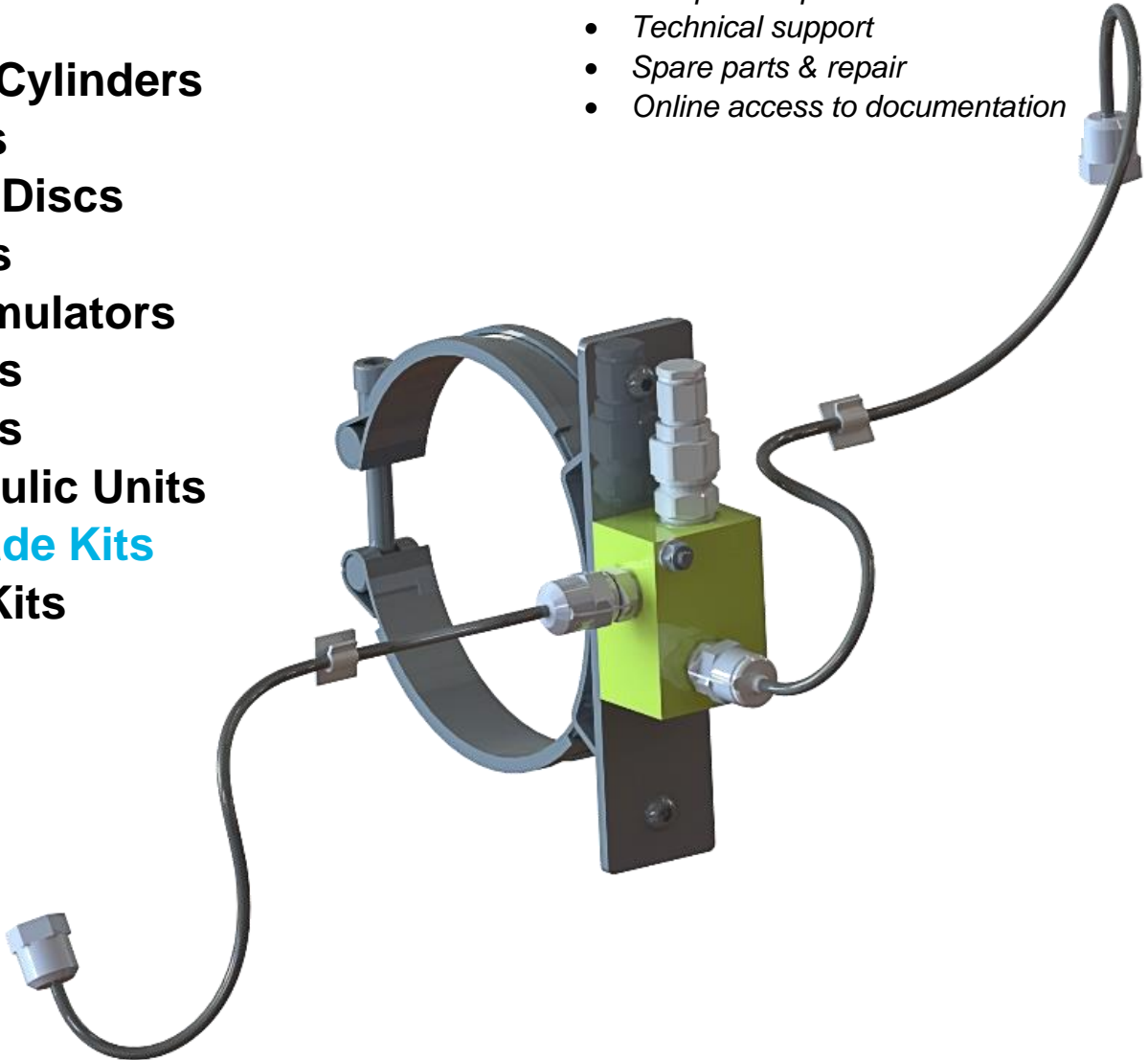




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