



Drain Kit Solution

B5220 for Gamesa G80, G83, G87 - Vestas V80 MK 1-7 and V90 1.8 - 2.0 MW

Can be installed on

1006449 Pitch Actuator V80/V90 • 1006446 Pitch Actuator G80/G83 • 1006448 Pitch Actuator G87

For specific blades

Blade A: B5219 - Blade B: B5217 - Blade C: B5218

Purpose

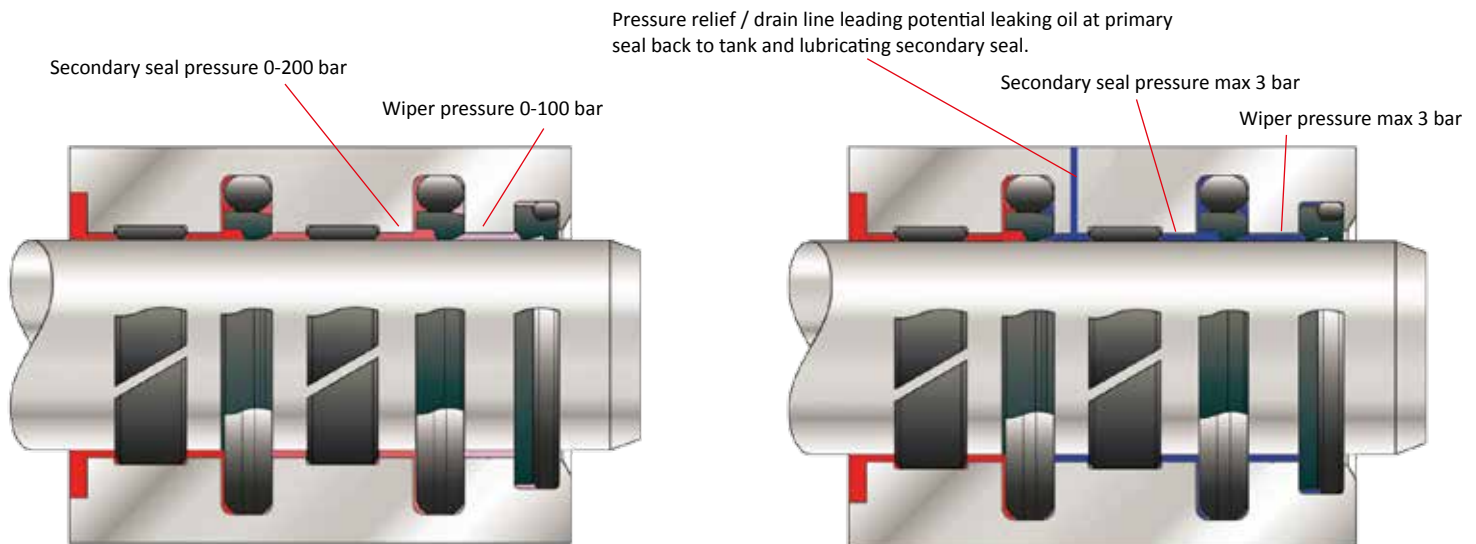
The overall operating conditions for a pitch cylinder is extremely demanding and requires top class design and components to ensure trouble free operation.

Seal system with low overall wear rate on rod and seals will significantly reduce the risk of leakage into hub by leading potential leakage at primary seal back to tank.

Pressure is thereby reduced from 0-200 bar to 0-3 bar on the secondary seal. Also, the contaminated oil is led back to tank, which again causes less wear on seals and rod.

Solution

Original rod seal system, without pressure relief/drain line. New rod seal system, with pressure relief/drain line.



Similar solutions are mounted in numerous turbines for Siemens 3.0 MW MK I and 2.3 MW MK III & MK IV turbines worldwide.

Related documentation can be retrieved by contacting servicehwp@hydratec-industries.com "Introduction of drain line" and "B5220 assemble notes".

Please contact our service departments for further information. We are looking forward to supporting you.

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Contact us 24-7

Denmark

Suensonsvej 14
DK-8600 Silkeborg

E-mail: servicehwp@hydratech-industries.com
Tel.: +45 8722 8181

USA

P.O. Box 2618
22955 McAuliffe Dr.
Robertsdale, AL 36567

E-mail: servicehwpUS@hydratech-industries.com
Tel.: +1 251 947 5300