

## **3 DIVERTERS, DBP, for off - shore gasturbine plants in Norway**

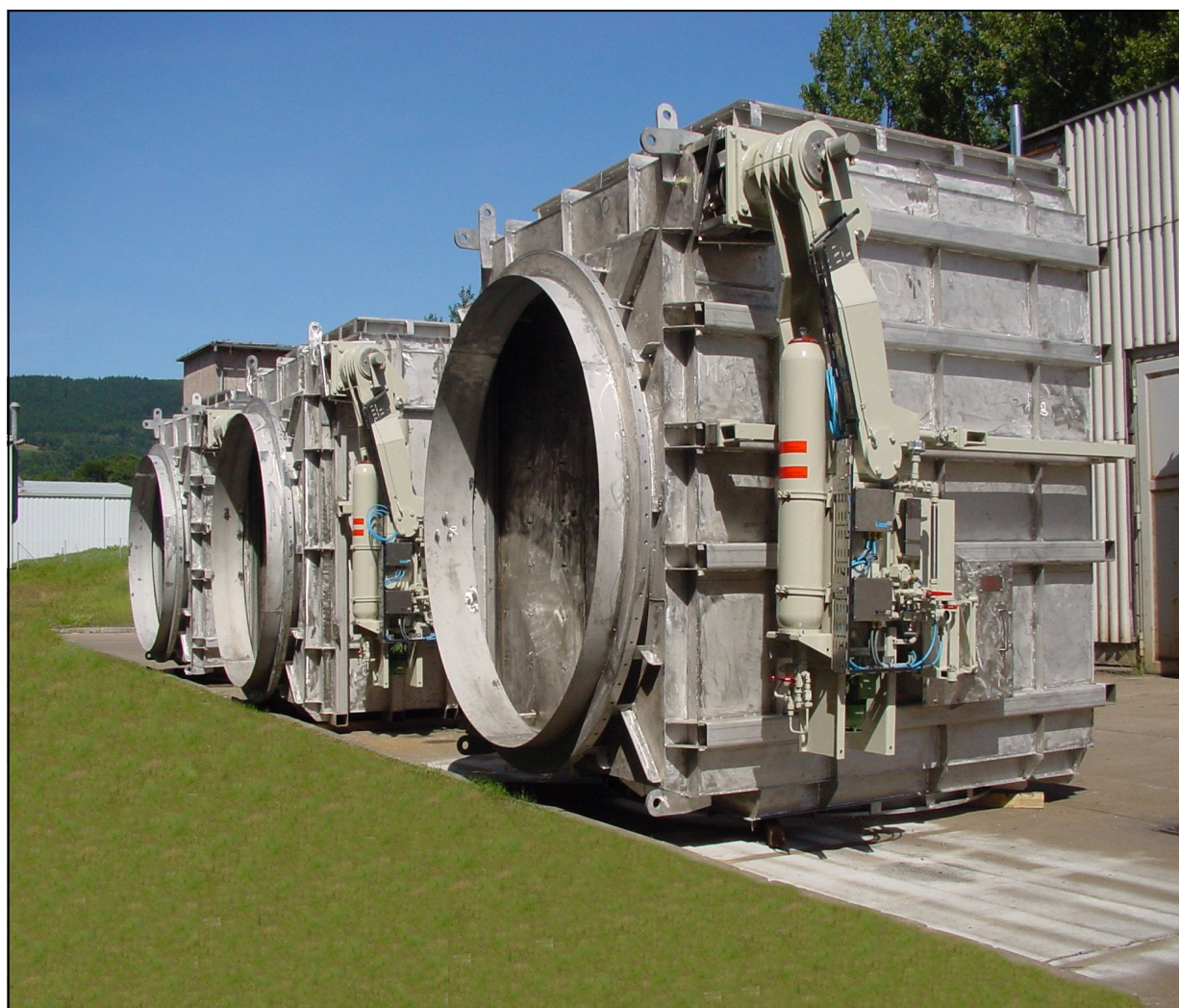
August 2001

RAUMAG-JANICH Systemtechnik GmbH

**RAUMAG – JANICH** secured an order from **ALSTOM Power Norway AS** for the supply of 3 diverters, ND 2400 mm dia., for service at off - shore gasturbine plants. Apart from shut –off in both end positions, they are also used for gas volume modulation purposes. Actuation is effected by a special hydraulic system with accumulator, which renders emergency operation in case of a power failure. Double seals, fitted to the casing, are provided for both end positions. The seals are of the proven **NICROFLEX – HIPERFORM, DBPa**, type, whose main advantages are its great resilience and, when used for gas flow modulation, its stability.

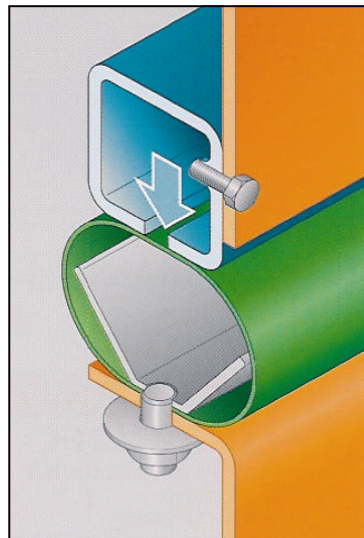
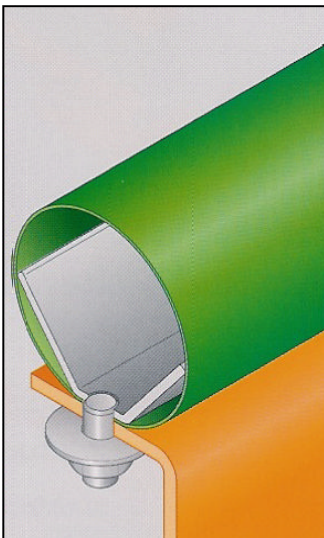
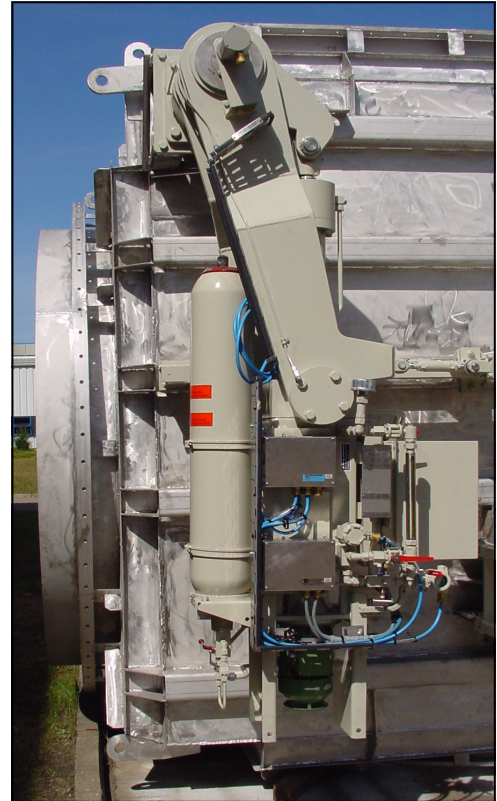
The patented, new, lattice structure reinforced damper blade was incorporated into the diverter design and has proved successful whenever high and rapidly fluctuating temperatures have to be dealt with.

Please refer also to our publication “**TECHNOLOGY 4**” and “**TECHNOLOGY 6**”





The patented, lattice structure reinforced damper blade and the new seals of the NICROFLEX – HIPERFORM type are the basis of this suc-



#### Technical specification :

Nominal dimension :  
2400 x2400 / 2400 mm dia.  
Pressure : 5000 Pa  
Operating temperature : 526 degrees C  
Design temperature : 565 degrees C  
Time to switch over :  
60 sec. Normal operation , 20 sec. Emer-  
gency operation

#### Design :

External insulation,  
All parts made of stainless steel,  
Locking facility for both end positions.

**RAUMAG-JANICH Systemtechnik GmbH**

Im Grund 6  
D-96258 Rauenstein

Ennigerloher Straße 16  
D-59269 Beckum

Telefon: 036766 / 881-0  
Fax: 036766 / 81032  
E-Mail: [raumag-janich@t-online.de](mailto:raumag-janich@t-online.de)

<http://www.raumag-janich.de>

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