

TANDEM- LOUVER DAMPER for the FGD plant of the Dolna Odra powerstation

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RAUMAG-JANICH Systemtechnik GmbH

.RAUMAG – JANICH negotiated a contract with LURGI – SMS, Denmark, for the design and supply of all necessary shut – off and modulation dampers for the FGD plant of the Dolna Odra powerstation.

Included in this supply was a tandem damper, ND 6000 x 8000 mm, a further tandem damper, ND 8000 x 5000 mm, as well as eight tandem dampers, ND 3070 x 2790 mm which are depicted below. The damper size 8000 x 5000 mm was completely made of stainless steel of the quality 1.4562, while the clean gas exposed side of the eight dampers size 3070 x 2790 mm were made of the stainless steel quality 2.4605.

All tandem dampers were designed with open, hollow blades through which the flue gas can flow freely, a feature which reduces the cross damper pressure drop quite considerably. Seals fitted throughout were of the patented NICROFLEX – HIPERFORM type, whose main characteristic is its great resilience.

With seal air the dampers are 100% gastight in terms of the UVV regulations.



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