

SICKLE ISOLATOR, ND 2200 mm dia. for the SCHWENK - Allmedingen

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RAUMAG-JANICH Systemtechnik GmbH

A classic with improved design

For the isolation of the kiln waste gas duct at the Schwenk cement plant in Allmedingen, RAUMAG – JANICH supplied a sickle isolator, ND 2200mm dia. as part of a complete plant refurbishing.

The sickle isolator in service up to now was designed and supplied in 1972 by our associated company, JANICH Spezialarmaturen, Beckum, and has, despite difficult operating conditions, provided outstanding service.



After a service period of 30 years RAUMAG – JANICH now negotiated an order for the replacement of the existing damper

Because of the satisfactory results obtained, the works management decided to use a sickle isolator again, albeit one with design improvements introduced in the meantime.

Even under the particularly difficult operating conditions prevailing in this instance, the sickle isolator renders a complete shut – off of the duct in terms of UVV regulations. (blind flange principle)

Technical specification :

Nominaldiameter :
2200 mm dia.
Operating temperature :
350 degrees C
Design temperature :
450 degrees C
Operating pressure : 50 mbar-
Actuator : electric
Severe dust deposits of up to
1/3 of the duct area.

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