



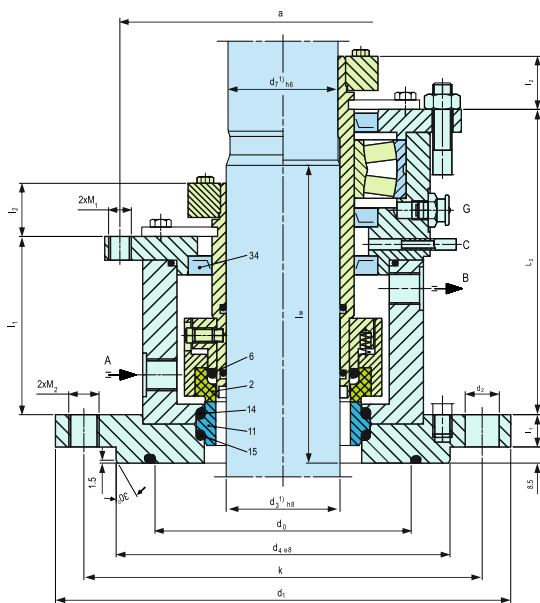
# sealmatic®

## U184 Mechanical Seal Delivered to Al-Daphra Paper Mill On An Andritz TM-810

PULP & PAPER systems and services includes many equipments for the production of all types of pulp, paper, tissue paper, board, fiber-board (MDF), nonwovens, as well as of biomass boilers and gasifiers for energy production and of systems for the production of plastic films. The technologies available are employed for the processing of logs and annual fibers, the production of chemical and mechanical pulps as well as recycled paper fibers, recovery and reuse of chemicals, generation of energy from biomass, preparation of paper machine furnish from virgin or recycled fibers, production of paper, tissue paper and board, calendaring and coating of paper, and the handling of reject materials and sludges.

Sealmatic supplies one of the world's best technologies and competent mechanical seals for the services of pulp production – chemical, mechanical, or recycled fibers.

Experienced Sealmatic application engineering team gives support during designing, engineering, installation and commissioning of mechanical seals at the site.



### Performance Capabilities

DIN 28138 T2

Sizes:  $d_3 = 40 \dots 220$  mm (1.575" ... 8.625")

Single seals:

Pressure:  $p_1 =$  vacuum ... 6 bar (87 PSI),

$p_3 =$  pressure less

Temperature:  $t_1^* = -40$  °C ... +150 (250) °C

(-40 °F ... +302 (482) °F)

Double seals:

Pressure:  $p_1 =$  vacuum ... 16 bar (232 PSI),

$p_3 =$  max. 18 bar (261 PSI)

Temperature:  $t_1^* = -40$  °C ... +200 (350) °C

(-40 °F ... +392 (662) °F)

Speed = 0 ... 5 m/s (0 ... 16 ft/s)

\* Higher or lower temperatures on request.

API SPEC Q1 . API . ISO 9001:2015 . EU 1935:2004 . ATEX - 2014/34/EU . ISO 9001:2015 . ISO 14001:2015 . BS-OHSAS 18001:2007 . PED-CE

September 2017

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