

Gilgen FD20 IP66 Deksel

Slagdørsautomatikk med vanntett kapsling sertifisert for IP 66 ihht. EN 60529 som er en harmonisert norm/standard for Ingress Protection.

Motoren er beskyttet mot vann og tåler kraftig spyling samt at den har støvtett kammer. Produsert i AISI 316 rustfritt og syrefast stål.



Naturlige bruksområder på denne er:

- Skip / ferjer
- Tunnel
- Industri
- Offshore – ikke ATEX områder.

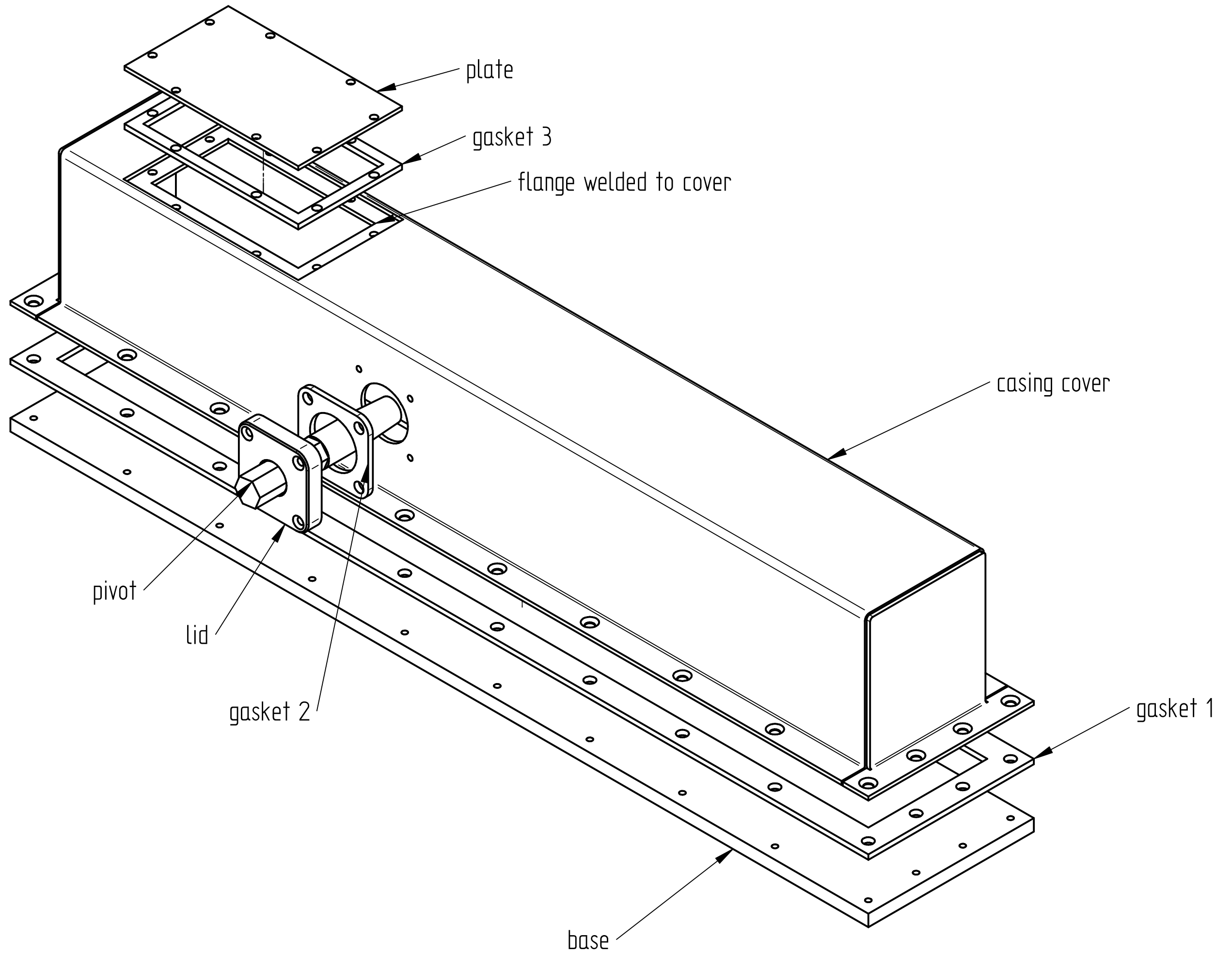
Produsent

Bjelland Automatic AS

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G I G

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L.dz. JOZ/83/2020/8/inż. Tr

File no. T – 4384

C E R T I F I C A T E

KDB No. 20.E.014

- [1] Product:
Casing type Gilgen FD-20-IP66
- [2] Producer:
**Bjelland Automatic AS
Støperigaten 34
4014 Stavanger, Norway**
- [3] Applicant:
**Bjelland Automatic AS
Støperigaten 34
4014 Stavanger, Norway**
- [4] The certificate issued on the basis of tests uses tests carried out by the Laboratory of Explosion-Proof System and Protection and Explosimetry, accredited by Polish Centre for Accreditation no. AB 1710, according to PN-EN ISO/IEC 17025:2005+AC:2007.
- [5] Standards:
EN 60529:2003
- [6] Assessment result :
Degree of protection IP66
- [7] Product / Documentation can be marked:
KDB No. 20.E.014

[8] Description:

Casing type Gilgen FD-20-IP66 according to bellow presented drawings has the dimensions, approximately in mm: 701 * 119 * 105 and the volume is about 8.8 dm³. The housing is mounted to a support plate using the screws.

On the sidewall of the casing is a hole to inlet the power cables, it is plugged by a blind flange, suitably sealed by a simmering 40*30*7 and a gasket (into the cover) made of EPDM. On top of the base is a rectangle hole. The tight connection between the support plate, base and lid provide the EPDM seals. Each mechanical connection is made using the screws.

[9] The list of schedule documentation:

Drawings:

Casing	01.00.00
Cover - welding	01.01.00
Bottom	01.01.01
Side plate	01.01.02
Flange	01.01.03
Plate	01.02.00
Base	01.03.00
Lid	01.04.00
Gaskets	-----

[10] Test results:

The degree of protection test IP 66 was made as for category 1 (with 2kPa underpressure). The result of these tests are recorded in the confidential test report JOZ-P.1/8703/2020, T-4384.

[11] Additional Requirements / Comments / Limitations:

Not applicable

[12] Conclusions:

Based on the analysis of the documentation listed in p. 9 and the carried out of the tests we find that the design of the "Casing type Gilgen FD-20-IP66" manufactured in the same quality as tested casing provides a degree of protection IP66 against ingress of solids and water, as well as against access to hazardous parts by the requirements of EN 60529:2003.

Date, 19.02.2020

Główny Instytut Górnictwa
Jednostka Oceny Zgodności
KIEROWNIK
Zespołu ds. Bezpieczeństwa Przeciwwybuchowego
dr inż. Gerard Kałuża



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