

# TYPE APPROVAL CERTIFICATE

**This is to certify:****That the Metallic Expansion Joints**

with type designation(s)

**AN, AF, AT, AM, AP, AMF, AMP, AH, UN, UF, UT, UM, UMF, UMP, UH,**

Issued to

**Flexomat GmbH Compensator-Center  
Nossen, Germany**

is found to comply with

**DNV GL rules for classification – Ships Pt.4 Ch.6 Piping systems****Application :****The expansion bellows are type approved for the use in piping systems of pipe class I, II and III.****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.****Temperature range: up to 550°C (refer to certificate)**  
**Max. working press.: 1 bar up to 40 bar (refer to certificate)**  
**Sizes: DN 16 up to 5000 (refer to certificate)**This Certificate is valid until **2022-03-21**.Issued at **Hamburg** on **2017-03-22**DNV GL local station: **Magdeburg**Approval Engineer: **Christian Kaemmer**for **DNV GL**  
Digitally Signed By: Drews, Olaf  
Location: DNVGL Hamburg  
Signing Date: 2017-03-24**Olaf Drews**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.