

Approval Certificate



This is to certify, that the undernoted company has been approved in accordance with the relevant requirements of the GL Approval System.

Certificate No. 17 497 - 01 HH

Company Belman Production A/S
Oddesundvej 18
6710 Esbjerg N, DENMARK

Description COMPENSATORS MADE OF METALLIC MATERIALS

Type/Equipment/System AX, AN, LA, UN, US1SU/FU-03

Technical Data/
Application TECHNICAL DATA

Bellow types: Acc. To GL Type Approval Certificate 17 496-01 HH
End connections: Weld ends, Welding neck / slip on and loose flanges
made of stainless or carbon steel according to GL
welding shop approval certificate
Pressure range: PN16 / 25 PN40 PN2,5
Size range: DN 125 to DN 400 DN 40 to DN 100 up to DN 2200
Temperature range: - 55 °C up to + 550 °C

RANGE OF APPLICATION

According to Type Approval Certificate 17 496-01 HH
The selection of metallic compensators for the corresponding application and the right installation are to be in accordance with the requirements of the manufacturer.
Each manufactured compensator (except exhaust gas compensators) is to be subjected in the manufacturer's works to a hydraulic pressure test of 1.5 times the M.A.W.P. in the presence of a GL Surveyor.

Approval Standard Regulations for the Recognition of Manufacturers of Hose Assemblies and Compensators of Germanischer Lloyd:1998

Documents - Test report : 23505 KOH, dated 2001-01-08
- Audit report dated 1999-07-29
- Drawings and design calculation acc. to EJMA 7th/8th Edition
- Welding Shop approval WF 9910110 HH

Remarks For application on diesel engines natural frequencies calculation acc. to EJMA and additional requirements of the engine manufacturer, if any, are to be observed.

Valid until 2016-02-01

File No. XIII.G.01

Germanischer Lloyd

Hamburg, 2010-12-15

Hanspeter Raschle *Hagen Markus*

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