Certificate No: LR2089502TA
Issue Date: 23/12/2020
Expiry Date: 22/12/2025

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Goetze KG Armaturen**
Address	Robert-Mayer-Straße 21, Ludwigsburg, 71636, Germany
Type	Regulating Valves
Description	Pressure reducer with pressure-relieved single seat valve, mostly with built-in dirt trap Connections: socket joints, threads or flanges For media: water, neutral and non-sticking liquids, compressed air and neutral gas; Design features: straight-way types; adjustable under operation conditions without media escaping to outside; Body materials: red brass, brass or stainless steel; Gaskets: NBR, EPDM, FKM
Trade Name	681, 682, 683, 481, 482, 484, 684, 9000, 9040
Application	valves for liquids and gaseous media in marine and offshore installation
Specified Standard	Lloyd´s Register Rules and Regulations for the Classification of Ships, July 2020
Ratings	Size range : DN8 to DN100 primary pressure: up to 60 bar depending on type secondary pressure: 0,5 to 50 bar depending on type

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A member of the Lloyd's Register group

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Temperature range: -50°C up to +120°C depending on type

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 10/20054(E1)

The Design Appraisal Document ENS 36135-10, Issue No. 2 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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