

Type Approval Certificate



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

Certificate No. 44 880 - 07 HH

Company BMT Co., Ltd.
21-1 Bukjeong-dong Yangsan
Gyeongsangnamdo 626-110, KOREA, REPUBLIC OF

Product Description PIPE UNIONS

Type Superlok Tube Fittings

Environmental Category None

Technical Data / TECHNICAL DATA

Range of Application Material: Stainless steel SS316
Metallic sealing with cutting ring
Temperature range [°C]: -55 up to +400
Nominal Pressure PN [bar]: refer to page 2

RANGE OF APPLICATION

The above mentioned pipe unions of type superlok are type approved as compression coupling for the use in piping systems according the Rules I-1-2 Machinery Installations, Section 11, Table 11.13 / 11.14, compression coupling, bite type, fire resistant.

LIMITATIONS

Threaded bulkhead pipe unions are not approved through watertight bulkheads.

Test Standard VI-7-8: Test Requirements for Components and Systems of Mechanical Engineering and Offshore Technology, Edition 2008.

Documents

- Test report BTR-S070430-01
- Manufacturing Inspection and Test Plan BMT-ITP-601
- Product catalogue BMT CTF-3 (05.01.06)
- GL Approval Ref.-No.: 12-050446

Remarks The selection of the pipe unions for the corresponding service and the right installation are to be in accordance with the instructions of the manufacturer.

Valid until 2017-06-13

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Type Approval Symbol



File No. II.C.05

Hamburg, 2012-05-15

Germanischer Lloyd

Hanspeter Raschle

Sven Dudszus

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".

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TECHNICAL DATA

Tube O.D. [inches]	Nominal Pressure PN [bar]
1/8"	752,0
3/16"	703,0
1/4"	703,0
5/16"	552,0
3/8"	448,0
1/2"	462,0
5/8"	414,0
3/4"	400,0
7/8"	331,0
1"	324,0

Tube O.D. [mm]	Nominal Pressure PN [bar]
4	993,0
6	876,0
8	703,0
10	552,0
12	497,0
16	469,0
18	462,0
20	414,0
22	372,0
25	359,0

The pressure reduction factors for service temperatures above 50°C are to be observed.

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Hamburg, 2012-05-15

Germanischer Lloyd

A handwritten signature in blue ink, appearing to read 'i.v. Hanspeter Raschle'.

Hanspeter Raschle

A handwritten signature in blue ink, appearing to read 'i.v. J. Dudzus'.

Sven Dudzus

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".