



# 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. 40 505 - 01 HH

Company DK Tech. Corporation  
448-2 Daegam-ri, Sangdong-myeon  
Gimhae-City, Gyeongnam 621-841, REPUBLIC OF KOREA

Product Description PIPE UNIONS

Type DK-Lok TUBE FITTINGS

Environmental Category None

Technical Data / TECHNICAL DATA

Range of Application

Material:	Stainless Steel
Elastomer seals:	NBR FPM PTFE
Temperature range [°C]	- 40 to 100 - 20 to 200 - 60 to 240
Nominal pressure PN [bar]:	According to page 2 of this certificate

#### RANGE OF APPLICATION

The pipe unions of type DK-Lok are approved for piping systems on ships and other structures classed by Germanischer Lloyd. Max. allowable working pressure acc. to temperature de-rating factors specified in the catalogue no. 01-2 are to be observed. 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.

#### LIMITATIONS

Pipe unions with elastomer seals are not approved within machinery spaces for the use in fuel-, lubricating-, hydraulic oil, sea water and bilge piping systems. 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 reports of tests carried out from 11.04.01 to 18.05.01
- Catalogue No. 01-5

Remarks None

Valid until 2016-06-26

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File No. II.C.05

Hamburg, 2011-05-26

Germanischer Lloyd

*i.v. Hansp. Raschle*  
Hanspeter Raschle

*i.A. S. Dudzusz*  
Sven Dudzusz



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## TECHNICAL DATA

Tube O.D. [ inches ]	Nominal Pressure PN [ bar ]
1/8"	766,0
3/16"	717,0
1/4"	717,0
5/16"	562,0
3/8"	457,0
1/2"	436,0
5/8"	422,0
3/4"	408,0
7/8"	330,0
1"	330,0
1 1/4"	337,0
1 1/2"	345,0
2"	253,0

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**Germanischer Lloyd**

*Hans. Raschle*  
Hanspeter Raschle

*Sven Dudsus*  
Sven Dudsus

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