

Type Approval Certificate



Germanischer Lloyd

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. 47 925 - 03 HH

Company DK TECH Corporation
826, Naesam-Ri, Juchon-Myeou
Gimhae-City, Gyeongnam 621-841, Rep. of KOREA

Product Description PIPE UNIONS

Type Dk-Lok TUBE FITTINGS

Environmental Category None

Technical Data /
Range of Application

Material:	Brass
Temperature range:	- 55 [°C] to + 175 [°C]
Elastomere seals:	NBR FPM PTFE
Temperature range [°C]	- 40 to +100 - 20 to +175 - 55 to +175
Nominal pressure PN [bar]:	According to page 2 of this certificate

LIMITATIONS

The Dk-Lok tube fittings made of brass may be used in piping system where pressure pulsation is not expected. 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 • IACS UR P.2.11, Edition 2001 except combined pressure pulsation and vibration test.

Documents • Test reports of tests carried out in August 2003
• Catalogue No. 01-3, November 2001

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 2008-12-01

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Type Approval Symbol



File No. II.C.05

Hamburg, 2003-12-02

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Günter Hölzer

Hagen Markus



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TECHNICAL DATA

Tube O.D. [mm]	Nominal Pressure PN [bar]
6	293
8	195
10	195
12	159
14	210
16	181
18	159
22	126
25	109

The pressure reduction due to temperature specified in the catalogue no. 01-3, November 2001 is to be observed.

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