

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. 89 615 - 97 HH

Company Eaton Fluid Connectors GmbH
Hauptstr. 150
53797 Lohmar, GERMANY

Product Description PIPE UNIONS

Type WALFORM plus

Environmental Category None

Technical Data / TECHNICAL DATA

Range of Application Pipe material St 37.4, St 52.4 acc. to DIN 1630, Type NBK
1.4571 acc. to DIN 17458, Type m
Tolerances of outer and inner diameter acc. to DIN 2391
or equivalent pipe standards
Fitting body Carbon Steel acc. to DIN 3859
and Nut Stainless Steel acc. to DIN 17440
Soft seal FPM
Size range and maximum allowable working pressures (M.A.W.P.)
according to page 2.
Alternatively to the above standards any other equivalent recognised standard may
be accepted.
RANGE OF APPLICATION
The WALFORM plus tube fitting system is type approved as compression coupling
for the use in piping systems according the Rules I-1-2 Machinery Installations,
Sec.11, Table 11.13 / 11.14, fire resistant type.

Test Standard VI-7-8 Regulations for the Performance of Type Tests, Part 6-Test Requirements for
Mechanical Components and Equipment: 1998. IACS UR P2.11: 2001

Documents

- Product catalogue
- Test reports of product tests according to IACS UR P2.11
- Assembly instructions

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 2013-02-16

Page 1 of 2

Type Approval Symbol



File No. II.C.05

Hamburg, 2008-02-20

Germanischer Lloyd

Hanspeter Raschle
Hanspeter Raschle

Hagen Markus
Hagen Markus

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

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. 89 615 - 97 HH

TECHNICAL DATA

Carbon Steel St. 37.4, St 52.4

Series L

Size [mm]	6	8	10	12	15	18	22	28	35	42
M.A.W.P. [bar]	500	500	500	400	400	400	250	250	250	250

Series S

Size [mm]	6	8	10	12	16	20	25	30	38
M.A.W.P. [bar]	800	800	800	630	630	420	420	420	420

Stainless Steel 1.4571

Series L

Size [mm]	6	8	10	12	15	18	22	28	35	42
M.A.W.P. [bar]	400	400	400	400	315	315	160	160	160	160

Series S

Size [mm]	6	8	10	12	16	20	25	30	38
M.A.W.P. [bar]	630	630	630	630	630	400	400	400	315

Temperature Range:

Carbon Steel: -20°C to +120°C

Stainless Steel: -25°C to +200°C

For service temperatures above 50°C (1.4571) and 120°C (carbon steel) the reduction in pressure specified by the manufacturer is to be observed.

Valid until 2013-02-16

Page 2 of 2

File No. II.C.05

Hamburg, 2008-02-20

Type Approval Symbol



Germanischer Lloyd

Hanspeter Raschle
Hanspeter Raschle

Hagen Markus
Hagen Markus

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