

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. 60 942 - 13 HH

Company Viega GmbH & Co. KG
Sanitär- und Heizungssysteme
Viega Platz 1
57439 Attendorn, GERMANY

Product Description PRESS FITTING SYSTEM IN CARBON STEEL

Type MEGAPRESS

Environmental Category None

Technical Data / Range of Application TECHNICAL DATA

Fittings: Specially shaped galvanized fittings (zinc nickel coating, coating thickness = 3µm up to 5 µm) sealed with a grip ring, separator ring and sealing element

Material: Carbon steel E235 (1.0308/ St 35)

Pipes: Black, complete galvanized, industrially coated, powder-coated pipes acc. to DIN EN 10255

Material: Carbon steel E195T (1.0026)

Sizes [mm]: According to DIN EN 10255

M.A.W.P.: 16 [bar]

M.A.W.T.: EPDM, 0 [°C] up to 110 [°C]
HNBR, - 40 [°C] up to 80 [°C]

Pipe O.D.: ½" (21.3 mm) up to 2" (60,3 mm)

Test Standard Requirements for the Performance of Type Tests, VI-Part 7 - Test Guidelines for the Performance of Type Approvals, Ed. 2013 and IACS Req. 2001/Corr.1 2007.

Documents

- MPA Test Report 120003993, dated: 2012-07-30
- IHA Fire Resistance Test 006-12, 007-12, dated: 2012-07-04
- Fire Resistance Test 0086-12, dated: 2012-07-05
- Operating and Installation Guidelines, Technical Documentation

Remarks

- RANGE OF APPLICATION, REMARKS, MARKING, and INSTALLATION see page 2.

Valid until 2018-09-09

Page 1 of 2

File No. II.C.08

Hamburg, 2013-09-10

Type Approval Symbol



Germanischer Lloyd

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Peter Gierhan

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RANGE OF APPLICATION (not for potable water)

- Fresh water: water spray systems, cooling water systems, condensate return, foam-, wet-sprinkler-systems and non-essential systems [swimming pool, whirlpool and so forth].
- Sanitary / drains / scuppers: deck and pool drains [internal]; sanitary drains, scruppers and discharge [overboard]; closed domestic warm water heating.
- Sounding / vent: water tanks, dry spaces, oil tanks [flash point >60 °C].
- Flammable fluids: cargo oil lines, fuel oil lines, lubricating oil lines, hydraulic oil lines, thermal oil. (flash point > 60 [°C]) (temperature ≤ 60 [°C]).
- Inert gas: water seal effluent lines, scrubber effluent lines, main lines, distributions lines.
- Miscellaneous: brine, control air, service air [non-essential], air conditioning systems, [media: condensed water, ethylene glycol].

For gaseous and liquid media which will not obstruct the press fitting system or attack carbon steel, synth. rubbers respectively. The selection of the fittings, pipes and O-rings for the corresponding application and the right mounting with the stipulated pressing tools is to be in accordance with the instructions of the manufacturer. The manufacturer's list of the chemical resistance of the piping components is to be observed.

REMARKS

- VIEGA PRESS FITTING SYSTEM MEGAPRESS may not be used in piping systems of class I and II.

MARKING

Each device shall bear legible and durable marking on the body or on a plate fixed securely to the body as follows:

- Manufacturer's Mark • Type • Nominal Diameter •

INSTALLATION

The installation of the piping system is to be carried out in accordance with the instructions of the manufacturer and the installation requirements of the IMO Resolution respectively. The handling instructions for fittings and pipes and the manufacturer's chemical resistance list for pipes and fittings are to be observed. Through watertight bulkheads and fire divisions GL type approved pipe penetrations are to be used. The use of the products outside the range of application underlies the special consideration by Germanischer Lloyd in each individual case.

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Page 2 of 2

File No. II.C.08

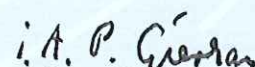
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