

APPROVAL CERTIFICATE

DNV·GL

This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the DNV GL Approval System.

Certificate No. **42 461 - 16 HH**

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

Product **Megapress Pusch-in connection, made of carbon steel with zinc-nickel coating**

Type **Megapress Pusch-in connection**

Technical Data / Application **TECHNICAL DATA**

Fittings: Megapress Pusch-in connection, made of carbon steel (exterior zinc-nickel coating thickness = 3 µm up to 5µm), sealed with a grip ring

Material: Carbon steel C15E (1.1141)

Pipes: Black, complete galvanized, industrially coated, powder-coated-pipes according to DIN EN 10255, DIN EN 10220, DIN EN 10216-1, DIN EN 10217-1. Wall thickness according Viega Installation Guidelines

Material: Carbon steel E195 (1.0034), E220 (1.0215), E235 (1.0308), DC01 (1.0330)

Diameter
Pressure grout vent: Rp 3/4 "

M.A.W.P.: 1.6 Mpa

M.A.W.T.: EPDM 0 °C up to 110 °C
(O-ring) HNBR -40 °C up to 80 °C

Pipe O.D.: DN40 (D 48.3 mm); DN50 D (60,3mm); DN65 (D76.1mm); DN 80 (D 88.9 mm); DN 100 (D 114.3 mm); DN 125 (D 139,7); DN 150 (168.3) mm

- PRODUCTION PLACE, MARKING of PRODUCT, RANGE OF APPLICATION, REMARKS and INSTALLATION see page 2.

Approval Standard **GL- Requirements for the Performance of Type Tests, Part 6 - Test Requirements for Mechanical Components and Equipment, Ed. 2013.**

Documents

- IHA Fire Resistance Test 013-15, dated: 2016-03-11
- Vacuum-Test-No.: LE-2016-0240, dated: 2016-03-03
- Tightness- and Burst-Pressure-Test-No.: LE-2016-0240, dated: 2016-03-03
- ISO 9001: 2008
- DNV GL Ref.-No.: 13-090142

Remarks

- Product approved by this certificate is accepted for installation on all vessels classed by DNV GL.

Valid until **2021-03-23**

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Hamburg, 2016-04-07

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PRODUCTION PLACE

Viega GmbH & Co. KG
Sanitär- und Heizungssysteme
Viegastraße 1
99518 Großheringen
Germany

MARKING of PRODUCT

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 •

RANGE OF APPLICATION

Thermometers, manometers, pipes

- Compressed air systems (static)
- Air conditioner
- Vacuum systems
- Warm water heating
- Wet-sprinkler-systems

For gaseous and liquid media which will not obstruct the grout vent system or attack carbon steel, synth. Rubbers respectively . The selection of the grout vent, 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

- Megapress Push-in connection may not be used in piping systems of class I and II.

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 grout vent and pipes and the manufacturer`s chemical resistance list for pipes and fittings are to be observed.. The use of the products outside the range of application underlies the special consideration by DNV GL in each individual case.

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