

Declaration of Design Examination

According Pressure Equipment Directive 97/23/EC, Module B

Kiwa herewith certifies that the results of the examinations of the equipment stated herein meet the requirements of the Pressure Equipment Directive 97/23/EC.

Manufacturer

Name Yorhe Fluid Intelligent Control.Co, Ltd
Address 33 Fushan Road, Jiangong Building, 6/F, Block E,
Place Pudong Shanghai, 200120
Country China

Pressure equipment

Description Safety devices for protection against excessive pressure
Type Spring loaded
Norm NEN-EN-ISO 4126-1
Serial number Not applicable
Category IV
Declaration of conformity dated 27 November 2015
Documents Report no. 151201488/PED/Module B, dated 14 03 2016
Report no. 14120023/PED/Module B, dated 13 July 2015

Report

Report numbers Report no. 151201488/PED/Module B, dated 14 03 2016
Report no. 141200023/PED/Module B, dated 13 July 2015
Date of Issue 2016-03-14
Valid until 2026-03-14

Remarks

This declaration has a validity for 10 years as long as:
- it is not revoked nor suspended;
- the production process fits within the examined tolerances;
- no alterations and modifications in the design are made.
The manufacturer has the obligation to report changes to the design or production process to the Notified Body.

The pressure equipment shall carry the mark as indicated below:

CE 0620

Signature:



Ing. L. Lossie

Kiwa Nederland B.V.
Sir. W. Churchilllaan 273
P>o. Box 70
2280 AB RIJSWIJK
The Netherlands
+31(0)88-998 4400
+31(0)88-998 4420
inspectie@kiwa.nl
CoC, 27039108, The Hague

Certificate Number

0620 – PED – 84955

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Specifications pressure equipment

- Name pressure equipment
- Identification of pressure equipment (type identification)
- References manufacturer

- Drawing number with version number of composition drawings
- Category
- Design pressure, maximum acceptable pressure (PS)
- Design temperature, maximum acceptable temperature (TS)
- Medium and fluid classification

Detailed specificationsSafety equipment
models 4005, 4007 and 4011

Yorhe

Refer to Report no. 151201488/PED/Module B,
dated 14 03 2016 and Report no.
141200023/PED/Module B, dated 13 July 2015
IV

10 bar

90°C

Water, group 2

Listed products:

Expansion valves DN15

- Model 4005, possible connecting ends: G½ male, G½ female
- Model 4005 with pressure gauge, possible connecting ends: G½ female
- Model 4007, possible connecting ends: G½ male, compression fitting 15 mm
- Model 4011, possible connecting ends: G½ male, compression fitting 15 mm

Expansion valves DN 20

- Model 4005, possible connecting ends: G¾ female
- Model 4005 with pressure gauge, possible connecting ends: G¾ female
- Model 4007, possible connecting ends: G¾ female, G¾ male, compression fitting 22 mm
- Model 4011, possible connecting ends: G¾ female, G¾ male, compression fitting 22 mm

Expansion valves DN25

- Model 4013, possible connecting ends: G1 female, G 1¼ female

Models 4005, 4007, and 4011 are delivered with:

- nominal set pressure (P_{nr}) 1,5 bar,
- nominal set pressure (P_{nr}) 2 bar,
- nominal set pressure (P_{nr}) 2,5 bar,
- nominal set pressure (P_{nr}) 3 bar,
- nominal set pressure (P_{nr}) 4 bar,
- nominal set pressure (P_{nr}) 6 bar,
- nominal set pressure (P_{nr}) 8 bar,
- nominal set pressure (P_{nr}) 9 bar,
- nominal set pressure (P_{nr}) 10 bar

Models 4013 is delivered with:

- nominal set pressure (P_{nr}) 1,5 bar,
- nominal set pressure (P_{nr}) 2 bar,
- nominal set pressure (P_{nr}) 2,5 bar,
- nominal set pressure (P_{nr}) 3 bar,
- nominal set pressure (P_{nr}) 4 bar,
- nominal set pressure (P_{nr}) 6 bar