

# API 675 Compliance

Grundfos Hydraulic Piston Diaphragm Dosing Pump models DMH in API configuration



We here by certify that the above mentioned pumps are designed, produced and tested in accordance with the API 675 standard 3<sup>rd</sup> Edition, Dated November 2012.

For deviations refer to list of exceptions on attached page.

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## Grundfos Water Treatment Model DMH Pumps And API 675 EXCEPTIONS

(Use in conjunction with API 675 3<sup>rd</sup> Edition, November 2012)

### Section 6 – Basic Design

**6.1.12 Check valves:** DMH check valves are threaded for easy service

### **6.2 Pressure-Containing Parts**

6.2.5.2 Grundfos uses cap screws on various pump models

6.2.7 Grundfos uses internal socket-type bolting on various pump models which are DIN/EN market

### **6.3 Liquid End Connections**

#### **6.4 Flanges**

Grundfos DMH pumps are available with threaded DIN/EN, or NPT connections min. DN4 – 1/4" up to DN20 – 3/4". Standard slip flange is used on DN32 - 1 1/4" connection.

#### **6.6 Diaphragms**

6.6.5 Double Diaphragm (with pressure type detector diameter 63mm - 2 1/2") is filled with paraffin oil instead of dry design

#### **6.11.1 Drive bearings**

Drive bearings are designed for 20000h instead of 25000h at max. rated conditions

#### **6.14 Materials**

Grundfos uses:

- Grey cast iron (pressure containing housing) (the required material specification respective testing can be provided)
- PVC, PP, PVDF, Glass, Ceramic, PTFE (Liquid end)

#### **6.14.3.9 Casting**

Grundfos uses grey cast iron for pressure containing parts not nodular iron casting.

**6.15.2** Rotation arrows are attached as a sticker

**6.15.3** Informations on the nameplate according to Grundfos Standard

### Section 7 – Accessories

**7.1.2.2** Grundfos uses motors according Grundfos standard, other motors (e.g. IEEE 861) on request

**7.2** Couplings – Grundfos uses its standard couplings, other options are not available

### Section 8 - Inspection, Testing, and Preparation for Shipment

Are performed according internal GRUNDFOS standards as there is no other agreement

#### **8.4 Preparation for shipment**

8.4.4.5 + 8.4.4.6

Threaded openings / flange openings are provided with plastic caps or without closures

### Section 9 – Vendor Data

Grundfos provides the documentation according GRUNDFOS standard as there is no other agreement

#### **Annex D Vendor Drawing and Data requirements**

Grundfos provides drawing and data according Grundfos standard documentation as there is other agreement