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 3rd Edition, Dated November 2012.

For deviations refer to list of exceptions on attached page.

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GRUNDFOS

Grundfos Water Treatment Model DMH Pumps
And API 675 EXCEPTIONS

(Use in conjunction with API 675 3rd 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 – ¼" up to DN20 – ¾". Standard slip flange is used on DN32 - 1 ¼" connection.

6.6 Diaphragms
6.6.5 Double Diaphragm (with pressure type detector diameter 63mm - 2 ½") 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