

API 675 Compliance

Grundfos DMH Piston Diaphragm Dosing Pumps in API design

We hereby certify that the above mentioned pumps are designed, produced and tested in accordance with the API standard 675, second edition, October 1994.

Please observe the list of deviations overleaf.

QM-SVO

2012/09/19



KA-KMU

2012/09/19



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Grundfos DMH Pumps
List of deviations API 675
(Use in conjunction with API 675, second edition, October 1994)

Section 1 – General

1.5 Referenced Publications

Grundfos DMH pumps are certified according to DIN/EN standards

Section 2 – Basic Design

2.1 General

2.1.16 The steady-state flow accuracy is within $\pm 1\%$ of the rated capacity.

2.2 Pressure-Containing Parts

2.2.5.2 Grundfos uses cap screws on several pump models

2.2.5.4 Grundfos uses internal DIN/EN-certified socket-type bolting on several pump models

2.3 Liquid End Connections

Grundfos DMH pumps are available with threaded connections according to DIN/EN, or with NPT connections (DN4 to DN20). DN32 slip-on flanges are used

2.5 Diaphragms

2.5.5 Double diaphragm with pressure type detector (diameter 63mm) filled with paraffin oil instead of dry design

2.13 Materials

2.13.1.2 Grundfos applies DIN/EN standards for the metal parts of DMH pumps

In addition to Appendix B-Miscellaneous Materials, Grundfos uses:

Gray cast iron (pressure containing enclosure) (the required material specification respectively testing's can be provided)

PVC, PP, PVDF, glass (liquid end)

2.13.2 Casting

2.13.2.5 Grundfos uses gray cast iron for pressure containing parts not nodular iron casting

2.13.5 Impact Test Requirements

2.13.5.2 Impact testing is not executed as a standard at Grundfos Water Treatment GmbH.

2.15 Quality

Grundfos Water Treatment GmbH is ISO 9001 certified

Section 4 – Inspection, Testing, and Preparation for Shipment

4.4 Preparation for Shipment

4.4.3.4 Grundfos uses plastic caps instead of metal caps for threaded openings