# Flow meter DFM 20-2M


### Benefits

- Integrated ball valve for adjustment and shutting off
- Direct indication of the flow rate in l/min
- Adjustment without diagram, table or measuring instrument
- Available with many connection types

## Application

For hydraulic balancing and flow monitoring in heating/cooling systems, air conditioning systems, solar systems and geothermal systems. DFM allows for fast hydraulic balancing of the system or of system components without diagrams, tables or measuring instruments. Suitable for heating and cooling water as well as water mixtures with standard corrosion protection and antifreeze agents.

## Versions

**G1 male x G1 male**

| | Nominal diameter | Measuring range | Flow coefficient Kvs | Part no. |
|---|---|---|---|---|
| DFM 20-2M | DN 20 | 5 – 42 l/min | 9.7 m³/h | 80978 |
| DFM 20-2M | DN 20 | 20 – 70 l/min | 12.9 m³/h | 80983 |

Blue part no. = in-stock items

**G1¼ AG x G1¼ AG**

| | Nominal diameter | Measuring range | Flow coefficient Kvs | Part no. |
|---|---|---|---|---|
| DFM 20-2M | DN 20 | 5 – 42 l/min | 9.7 m³/h | 80979 |
| DFM 20-2M | DN 20 | 20 – 70 l/min | 12.9 m³/h | 80984 |

Blue part no. = in-stock items

## Description

Compact flow meter with scale and ball valve for shutting off and adjustment. The flow meter can be installed in pipes in a horizontal, tilted or vertical position. Adjustments are made by means of a screwdriver via the adjustment screw. The reading mark corresponds to the lower edge of the rotameter/float. Systems with correct hydraulic balancing provide for optimum energy distribution and cost-efficient operation.

## Technical specifications

**Operating temperature range**
Max. 120 °C, short-term 160 °C

**Operating pressure**
Max. 10 bar

**Measuring principle**
Rotameter type with counter spring

**Measuring range**
See ordering table

**Nominal diameter**
DN 20

**Housing**
Brass

**Connection**
G1 male x G1 male
G1¼ AG x G1¼ AG

**Mounting position**
Horizontal, tilted or vertical

**Options**
- Other nominal diameters
- Other connections
- Other measuring ranges

## Technical drawings