Product Specification

Multi-Jet

Flanged Pulsed Water Meters

Watersavers offers a range of multi-jet-based water meters used for monitoring and measuring water usage. The flanged meters are available in sizes from 2" BSP to 4" BSP (50mm to 100mm) these pulsed water meters feature clear, easily read displays, free from condensation. Larger sizes are available on request.

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Features

- Suitable for installations applying for BREEAM Wat 02 & Wat 03 credits
- Ideal for monitoring water usage and BMS applications
- Only one moving part for minimum wear and maximum reliability – even in hard water areas
- Visual indicator sensitive to the smallest flow – ideal for leak detection
- Optional electrical 'pulse' output usually 1 per 100 litres
- Sealed display capsule – guaranteed against condensation
- Supplied with DIN connector

Product Codes

Water Meter Product Codes	Nominal Size	Nominal Size	Maximum Flow Rate	Minimum Flow Rate	Litres/Pulse Options	Weight
Cold (30 ° C) Product Code	British Standard Pipe (BSP)	mm	m^3/h	m^3/h		kg
WMPF50-K=10	2"	50	50	0.5	100, 1k	12
WMPF65-K=10	2½"	65	78.7	0.787	100, 1k	13
WMPF80-K=10	3"	80	78.7	0.787	100, 1k	16
WMPF100-K=10	4"	100	125	1.25	100, 1k	18

Larger sizes are available on request.

Watersavers
Part of Daro Group

Watersavers Ltd
Church Field Road
Chilton Industrial Estate
Sudbury
Suffolk CO10 2YA

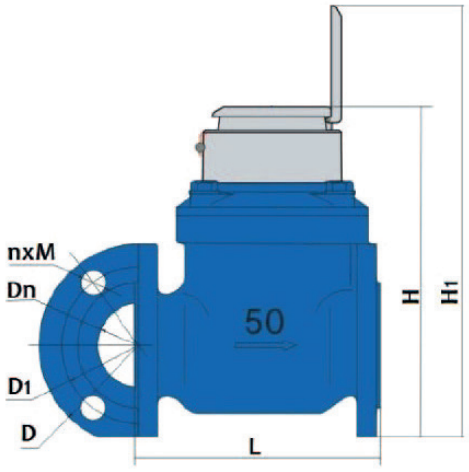
watersavers.co.uk
T 01603 720999 E info@watersavers.co.uk

Technical Specification

- Cold (30°C) – WRAS approved and MID R80 as per 2004/22/EC
- Internal strainer
- Super dry, sealed register
- Available with pulse output
- Suitable up to 16 Bar working pressure
- Suitable for horizontal installation

Technical Data - Dimensions

DN	50	65	80	100
L	200	200	225	250
H	252	262	272	282
H1	339	349	359	369
D	165	185	200	220
D1	125	145	160	180
nxM	4xM16	4xM16	8xM16	8xM16



Flow Data

Diameter	DN	50	65	80	100
Minimum Flowrate (Q_1)	m^3/h	0.5	0.787	0.787	1.25
Permanent Flowrate (Q_3)	m^3/h	40	63	63	100
Overload Flowrate (Q_4)	m^3/h	50	78.7	78.7	125

Technical Specification

- Minimum Flow Rate (Q_1) (Q min m^3/h) - The absolute minimum flow required for the unit to function
- Nominal Flow Rate (Q_3) (QN m^3/h) - Typical application for everyday usage
- Max Flow Rate (Q_4) (Q max m^3/h) - Refers to the emergency flow rate in the event of system failure. Damage may result

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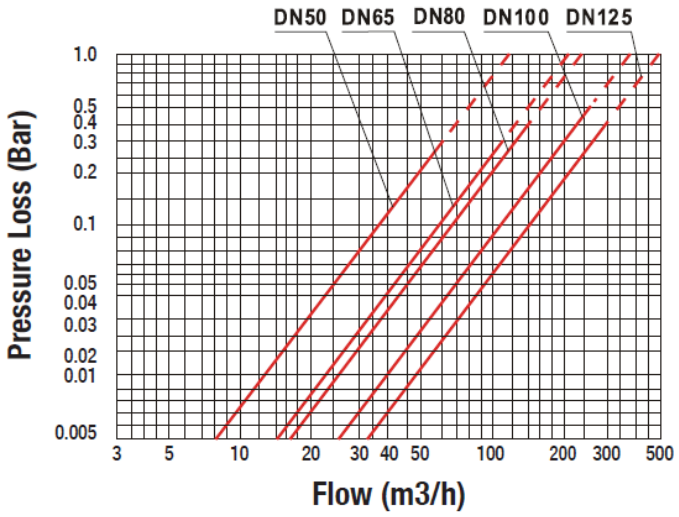
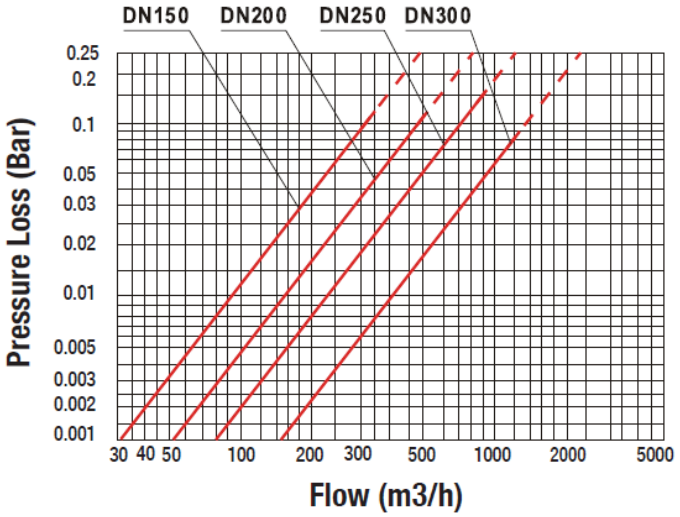
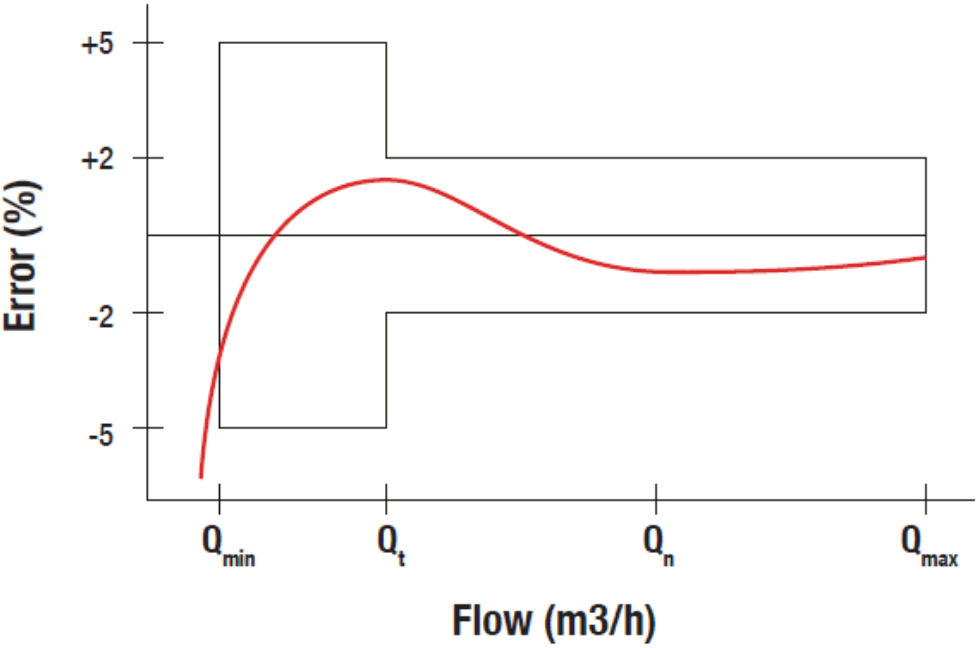
Pressure Loss Diagram





Accuracy Curve



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