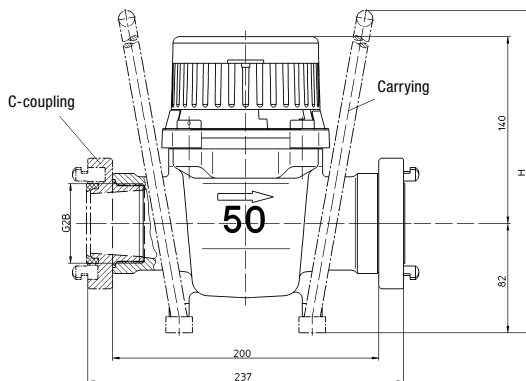
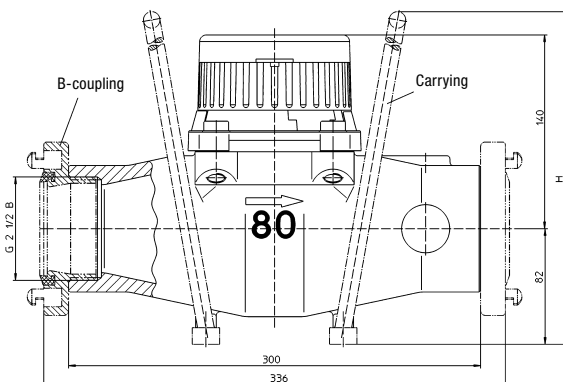




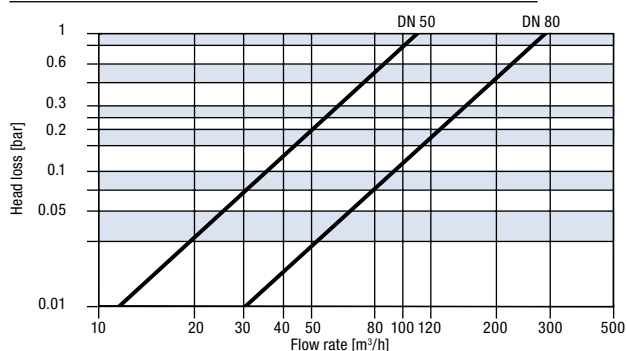
DN 50



DN 80



HEAD LOSS GRAPHS FOR WP-MFD 50 AND 80



APPLICATION

- Nominal diameter 50 and 80 mm
- For extracting water from underground and stand hydrants
- For horizontal or vertical installation
- For cold water up to 30 °C (safe up to 50 °C)
- Operating pressure up to 16 bar
- With multifunctional counter

FEATURES

- EEC approval for metrological classes DN 50 A+B•H; DN 80 A
- Removable measuring insert
- Low starting flows
- Outstanding long-term accuracy through hydraulic bearing relief
- Sealed, condensation-free counter
- Large pointer for easy reading
- The complete head unit with counter can be rotated by 360° for easier reading
- Integrated measurement outputs as standard
- Sensors can be retrofitted on site for remote digital reading and analogue flow rate measurement without adversely affecting calibration
- Up to two different digital outputs and one analogue output simultaneously

SPECIAL VERSION

- Can be supplied with the FLYPPER electronic counter module (IP 68) or a multifunctional counter (IP 68)
- With B or C coupling
- With carrying device
- With non-return valve

TECHNICAL DATA

Model			225	
Type			WP-MFD	
Nominal diameter	DN	mm	50	80
Meter size to DIN ISO 4064	Q _n	m ³ /h	15	40
Permissible continuous load			m ³ /h	
			35	90
Maximum flow rate (short-term)	Q _{max}	m ³ /h	90	140
Transition flow rate (flow limit)	Q _t	m ³ /h	1.0	2.0
Minimum flow rate	Horizontal installation		Q _{min}	m ³ /h
			0.3	0.5
Minimum flow rate	Vertical installation		Q _{min}	m ³ /h
			0.5	1.0
Starting flow rate			m ³ /h	
			0.09	0.2
Flow rate at 0.1 bar head loss			m ³ /h	
			35	90
Max. dial indication			m ³	
			1.000.000	
Connection	Inside thread		G 2	G 2 ½
Width / carrying device			mm	
			180	
Weight			kg	
			5.4	
Working pressure	PN	bar	16	
Pulse output (reed) model 570			l / pulse	
			100 / 1.000	
Pulse output (reed) model 570	Special version		l / pulse	
			25 / 50 / 250 / 500	
IR transmitter model 573			l / pulse	
			1	

ACCESSORIES

Designation	Article number
Fixed C-coupling with G 2 outside thread	230 022
Fixed B-coupling with G 2 ½ B outside thread	812 104
Carrying set	810 870

Meter has an EEC approval ≥ 100 l/pulse. Subject to minor technical changes in the course of further development.

ORDER REFERENCES

Model	Nominal diameter	Type designation	Connection	Approval	Article number
225	50 mm	WP-MFD	Inside thread G 2	Cl. A	225 001 02
225	50 mm	WP-MFD	Fixed C-coupling	Cl. A	225 001 01
225	80 mm	WP-MFD	Inside thread G 2 ½	Cl. A	225 001 03
225	80 mm	WP-MFD	Fixed B-coupling	Cl. A	225 001 04

SPECIAL VERSION

The WP meter can also be supplied with the FLYPPER electronic counter module in protection class IP 68 (water-proof up to 5 m).

Order reference: WB-EZM

