

# WOLTMANN TYPE



- WRAS Approved
- EEC Class B Approved
- Working Pressure: 16 Bar
- Dry Dial
- For cold (30°C) or hot (90°C) water
- Up to 120°C versions available
- Epoxy Powder Coated
- Performance exceeds EEC and ISO Standards
- Pulsed outputs available (to suit, please contact us)
- Large easy to read dial with protective cover



## TECHNICAL DATA

Woltmann Meters  
Cold (30°C) or Hot (90°C)

Part No	Dn Size <i>mm</i>	Max Flow <i>m<sup>3</sup>/h</i>	Nominal Flow <i>m<sup>3</sup>/h</i>	Trans. Flow <i>m<sup>3</sup>/h</i>	Min. Flow <i>m<sup>3</sup>/h</i>	Pulse Options* <i>litres per pulse</i>
D50W	50	30	15	3	0.45	100-1000
D65W	65	50	25	5	0.75	100-1000
D80W	80	80	40	8	1.2	100-1000
D100W	100	120	60	12	1.8	100-1000
D125W	125	200	100	20	3.0	100-1000
D150W	150	300	150	30	4.5	1000-10,000
D200W	200	500	250	50	7.5	1000-10,000
D250W	250	800	400	80	12	1000-10,000
D300W	300	1200	600	120	18	1000-10,000
D400W	400	2000	1000	200	30	10,000
D500W	500	3000	1500	300	45	10,000

Part No	Dn Size <i>mm</i>	Length <i>mm</i>	Height <i>mm</i>	Diameter Outer <i>mm</i>	Bolt Circle <i>centres</i>	Bolt Diameter	Weight <i>kg</i>
D50W	50	200	225	165	125	4xM16	16.3
D65W	65	200	242	185	145	4xM16	17
D80W	80	225	255	200	160	8xM16	18
D100W	100	250	265	220	210	8xM16	22.8
D125W	125	250	275	250	210	8xM16	28.3
D150W	150	300	325	285	240	8xM20	46
D200W	200	350	352	340	295	12xM20	59.6
D250W	250	450	470	395	350	12xM20	107
D300W	300	500	495	445	400	12xM20	118
D400W	400	600	635	565	515	16xM24	188
D500W	500	800	740	670	620	16xM24	258

- Reed switch operates between 0 - 24 vdc. Current max 0.2 amps

## TERMS OF REFERENCE:

- **Size (mm)** – Refers to inside bore diameter.
- **Max Flow Rate ( $Q$  m<sup>3</sup>/h)** – Refers to the emergency flow rate in the event of system failure. Damage may result.
- **Nominal Flow Rate ( $Q_N$  m<sup>3</sup>/h)** – Typical application for every day usage.
- **Transitional Flow Rate ( $Q_t$  m<sup>3</sup>/h)** – Point at which the flow rate is high enough to achieve a level of accurate measurement.
- **Minimum Flow Rate ( $Q_{min}$  m<sup>3</sup>/h)** – The absolute minimum flow required for the unit to function.
- **EEC Approved Class** – The EEC Classification system used to measure accuracy at very low flow rates. Standard ISO4064/BS5728/EEC Specification Class B applies.
- **Bolt Circle Centres** – Refers to distance between opposite bolt holes on the flange, taken centre to centre.

Please advise preferred pulsed output at time of ordering.

\*Other pulse options may be available – please consult our technical team.

\* Other flange options available to special order – please consult our technical team.

Figures apply to both hot and cold meters.

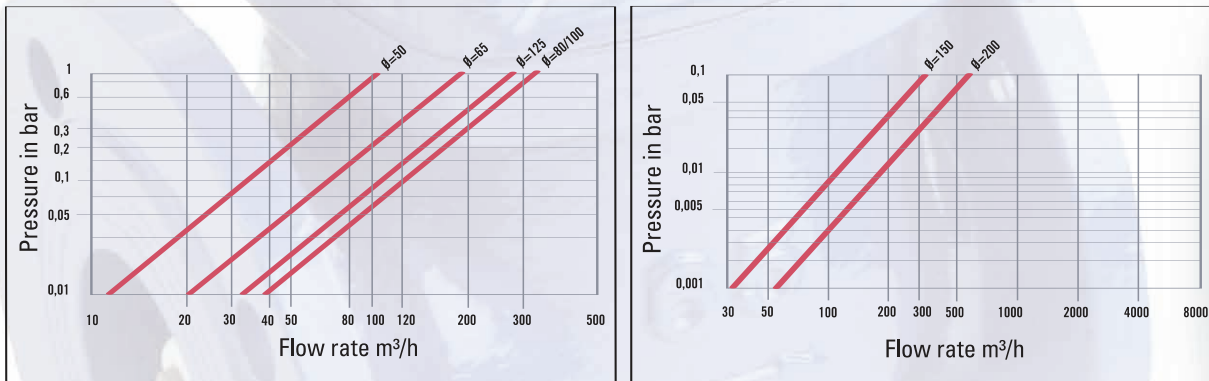
When ordering please state whether for hot or cold use. Suffix Part No. with C (Cold) or H (Hot).

Pressure drops on all sizes are generally below 0.2 bar.

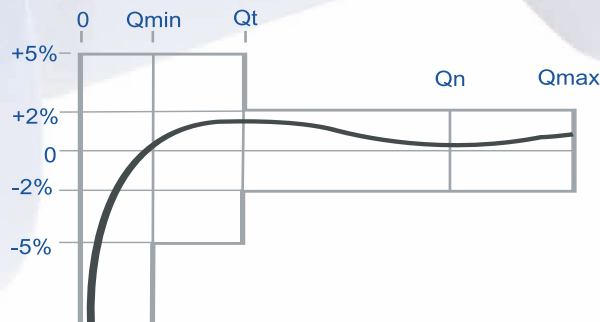
### Flange Dimensions

BS4504 – PN16

## MAX PRESSURE LOSS DIAGRAMS



## TYPICAL ERROR CURVE



All sizes are approximate and are given for guidance only.  
Products and Specifications may be subject to change from those shown without notice.

