



ARAD LTD. DALIA - WATER METERS DIVISION

IRRIGATION METER MODEL IRT

IRT



Design: Special design with free water passage allows measurement of water with high contents of impurities.

- Features:**
- Negligible loss of head
 - Simple maintenance
 - Field replaceable measuring unit
 - Hermetically sealed register with glass lens
 - Bearings are constantly flushed during operation to eliminate deposit of solids.
 - Optional electrical output: EV (Volume) or EF (Rate of Flow)
 - Compatible with Dialog® automatic reading system

Sizes: 80 mm (3"), 100 mm (4"), 150 mm (6"), 200 mm (8")

TECHNICAL SPECIFICATIONS:

- Maximum Working Pressure:** 16 Bar
- Body:** Polyester coated cast iron body
- Flange Drilling:** As per customer requirements
- Maximum Working Temperature:** 60°C

INSTALLATION REQUIREMENTS:

- The meter can be installed in any position (horizontal, vertical or inclined)
- The meter must be always full of water while operating.
- Prior to the installation of a new meter, the pipeline must be flushed out.

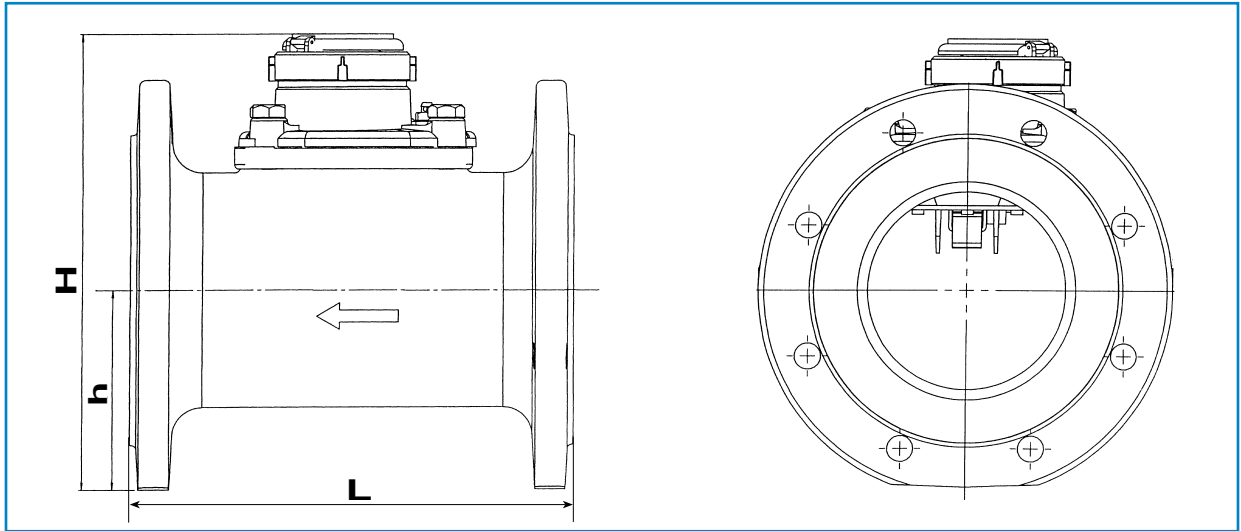


ARAD LTD. DALIA

WATER MEASURING TECHNOLOGIES



D I M E N S I O N S



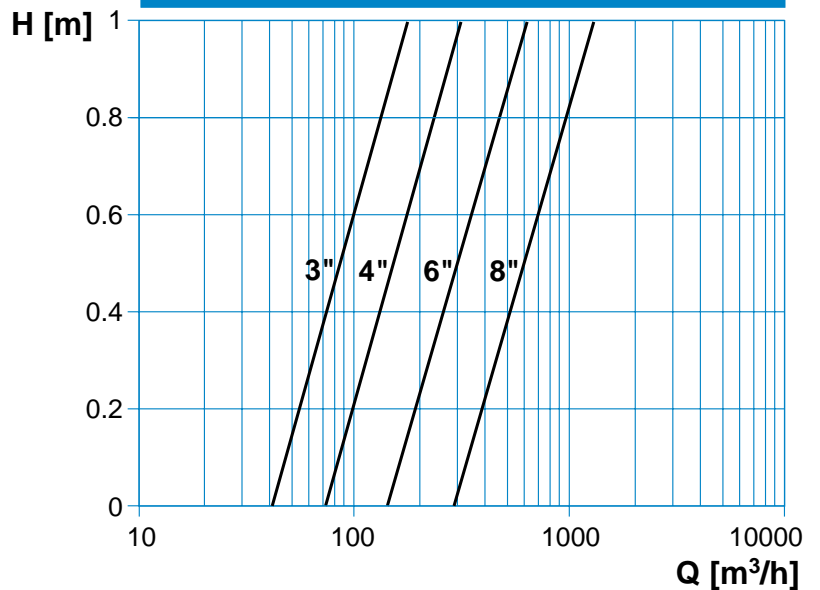
D I M E N S I O N S

Nominal Size	mm	80	100	150	200
	Inch	3"	4"	6"	8"
H	mm	240	260	310	315
h	mm	90	110	129	160
L	mm	230	250	300	350
Weight	kg	18.3	23	33	53

P E R F O R M A N C E D A T A

Nominal Size	mm					
	80	100	150	200		
		Inch	3"	4"	6"	8"
Permissible peak load for short periods	Qmax	m ³ /h	150	250	500	900
Nominal flow rate	Qn	m ³ /h	90	125	250	450
Lowest flow rate measured within ±2%	Qt	m ³ /h	10	11	15	30
Lowest flow rate measured within ±5%	Qmin	m ³ /h	5	7	10	18

L O S S O F H E A D C U R V E S



TD-120 6.99 IRT

