



- THE DRAWINGS AND CHECKLISTS ARE GUIDELINES ONLY AND INDICATIVE OF THE RECOMMENDED BEST-PRACTICES THAT SHOULD BE CONSIDERED DURING METER INSTALLATION. THESE DRAWINGS ARE NOT TO SCALE, AND ANY INSTALLATION WILL NEED TO BE MODIFIED TO MEET SITE CONDITIONS.
- ITEMS SHADED GREY ARE INDICATIVE ONLY AND NON-PRESCRIPTIVE
- REFER TO DRAWING 25026-CI-1007 FOR LID ASSEMBLY
- STANDARD DRAWINGS APPLICABLE TO DN100 - DN600 METERS ONLY. METERS > DN600 REQUIRE SITE-SPECIFIC ENGINEERED DESIGNS.
- UNITS ARE IN MILLIMETRES U.N.O.
- RECOMMENDED PRINTING SIZE A3

TABLE OF DIMENSIONS			
DIMENSION	DESCRIPTION	APPLICATION	VALUE
A	STRAIGHT PIPE LENGTH OF UNIFORM CIRCULAR CROSS SECTION, FREE FROM FLOW DISTURBANCES* - UPSTREAM OF METER	AS LONG AS PRACTICABLE BEFORE METER UNIT, IN EXCESS OF (BY APPLICATION):	
		MINIMUM	10 X METER ID
		METER EMPLACEMENT DIAMETER SMALLER THAN SURROUNDING PIPEWORK	10 X METER ID
		METER EMPLACEMENT DIAMETER LARGER THAN SURROUNDING PIPEWORK	20 X METER ID
		PIPE CHANGE IN DIRECTION (SINGLE OR MULTIPLE), BEND/S ON SAME PLANE	15 X METER ID
		PIPE CHANGE IN DIRECTION (SINGLE OR MULTIPLE), BEND/S OUT OF PLANE	40 X METER ID
		METER EMPLACEMENT AFTER PUMP	30 X METER ID
B	STRAIGHT PIPE LENGTH OF UNIFORM CIRCULAR CROSS SECTION, FREE FROM FLOW DISTURBANCES* - DOWNSTREAM OF METER	AS LONG AS PRACTICABLE AFTER METER UNIT, IN EXCESS OF (BY APPLICATION):	
		MINIMUM	5 X METER ID
		METER EMPLACEMENT DIAMETER SMALLER THAN SURROUNDING PIPEWORK	5 X METER ID
		METER EMPLACEMENT DIAMETER LARGER THAN SURROUNDING PIPEWORK	5 X METER ID
		PIPE CHANGE IN DIRECTION (SINGLE OR MULTIPLE), BEND/S ON SAME PLANE	5 X METER ID
		PIPE CHANGE IN DIRECTION (SINGLE OR MULTIPLE), BEND/S OUT OF PLANE	5 X METER ID
		METER EMPLACEMENT AFTER PUMP	5 X METER ID
C	METER EMPLACEMENT CLEARANCE	MINIMUM CLEARANCE FROM GROUND LEVEL TO UNDERSIDE OF PIPE	MIN. 600MM
D	METER EMPLACEMENT DEPTH OF COVER	DEPTH OF COVER TO TOP OF METER EMPLACEMENT PIPE & METER	MIN. 600MM
	* DISTURBANCES INCLUDE: VALVES, VALVES PARTIALLY OPENED, THROTTLING DEVICES, FLOW STRAIGHTENERS, SCREENS, T & Y JUNCTIONS, CHECK VALVES, BENDS (SINGLE OR MULTIPLE; IN AND OUT OF PLANE), PUMPS, TAPPINGS, CHANGES IN DIAMETER, PROTRUSIONS INTO THE INTERNAL PIPEWORK E.G. WELD BEADS, GASKETS, MISALIGNED FITTINGS/JOINTS, TAPPINGS, PROBES, ETC.		

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A	31/01/25	FOR INFORMATION							
Rev.	Date	Description							