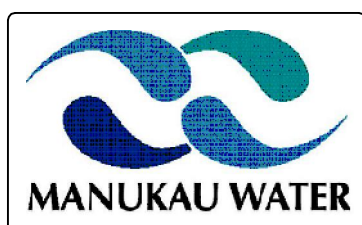


DIMENSIONS	NOMINAL DIAMETER (mm)				
	15mm	20mm	25mm	30mm	40mm
L (mm)	134	165	260	260	300
D (mm)	79.7	93.5	135	135	150
h (mm)	15.5	37.5	68	68	75
H (mm)	132.75	123	186	186	193
Starting flowrate(l/h)	<1	2	7	7	15
Minimum flow Q_{min} (l/hr)	3	6	11	11	25
Transitional flow Q_t (l/hr)	5	12	16	16	32

Notes:

1. Approval: Is for the Class C Sensus 620 inline water meter of size 15mm – 40mm.
2. Flows: To comply to ISO 4064 standard and OIML R49.
3. Pressure: Minimum working pressure of 16 bar and maximum pressure loss of 1 bar.
4. Dimensions: To comply to ISO 4064
5. Body: To meet OIML R49 and made of composite/DR brass to AS 2345 or BS 2874.
6. Registers: To be 100% vapour tight and free of condensation.
7. Pulse: Meter to have inbuilt facility to attach remote reader probe.
8. Marking: Body to be indelibly marked with: flow direction, size, serial number, manufacturer's identity, pressure rating, permanent flow (Q_p or Q_n).
9. Installation: Thoroughly flush waterline before installation.



SENSUS 620 INLINE WATER METER

**Design and Material Standards
MANUKAU WATER LIMITED**

DETAIL NO:
MW-41

UPDATED:
JULY 2006