

Since 1958

Every drop of water counts

Dasmesh®

AMR Type Water Meter

Model : DAMR



IS: 779/94



CLASS - A
CM/L 0151526

Dasmesh®

WATER METER



SALIENT FEATURES

- Brass body and coupling
- Sealed against tempering
- Leak proof, Totally dry with wire
- Size range from 15mm to 50mm

PERFORMANCE DATA

Size of Meter		$Q_4=1.25Q_3$	Q_3	$R=Q_3/Q_1$	$Q_2=1.6Q_1$	Q_1	$R=Q_3/Q_1$	$Q_2=1.6Q_1$	Q_1
mm	inches	l/h			l/h			l/h	
15	½	3125	2500	80	50	31.25	100	40	25
20	¾	5000	4000	80	80	50	100	64	40
25	1	7875	6300	80	126	78.75	100	100.8	63
32	1¼	12500	10000	80	200	125	100	160	100
40	1½	20000	16000	80	320	200	100	256	160
50	2	31250	25000	80	400	250	100	400	250

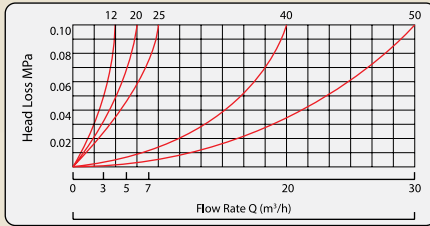
Nominal Size DN		Class of measurement	Overload Flow-Rate $q_s(m^3/h)$	Permanent Flow-Rate $q_p(m^3/h)$	Transitional Flow-Rate $q_t(l/h)$	Minimum Flow-Rate $q_{min}(l/h)$
mm	inches					
15	½	B	3	1.5	120	30
20	¾	B	5	2.5	200	50
25	1	B	7	3.5	280	70
32	1¼	B	12	6.0	480	120
40	1½	B	20	10	800	200
50	2	B	30	15	3000	450

Working Condition:

- Water Temperature 50°C
- Water Pressure ≤ 1 MPa
- Pressure Loss < 0.1 Pa
- Maximum Pressure-16 Bar

Dasmesh® WATER METER

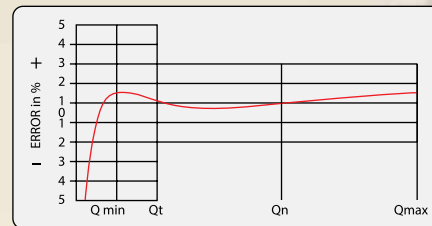
Head Loss Curve



Accuracy

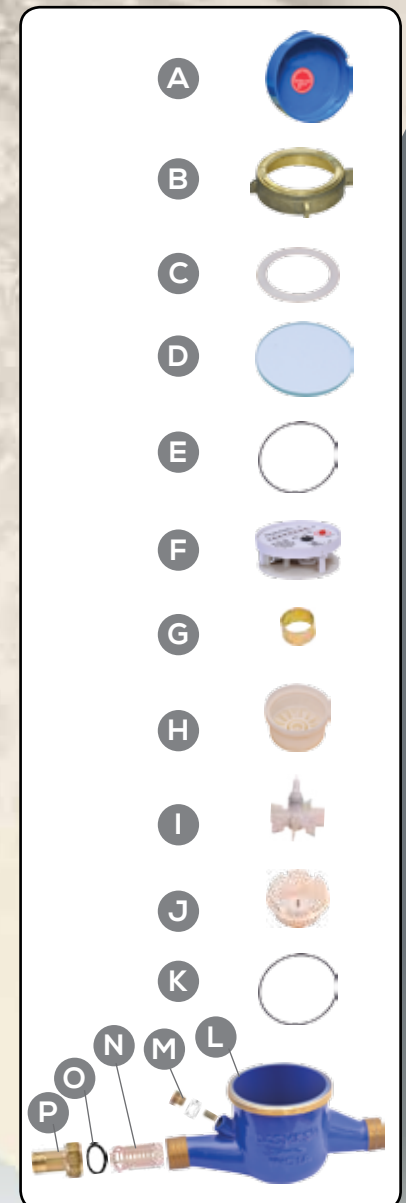
- From minimum flow rate (Q_{min}) inclusive to transitional flow rate (Q_t), exclusive: $\pm 5\%$
- From transitional flow rate (Q_t) inclusive, to maximum flow rate, (Q_{max}), exclusive: $\pm 2\%$

Accuracy Curve



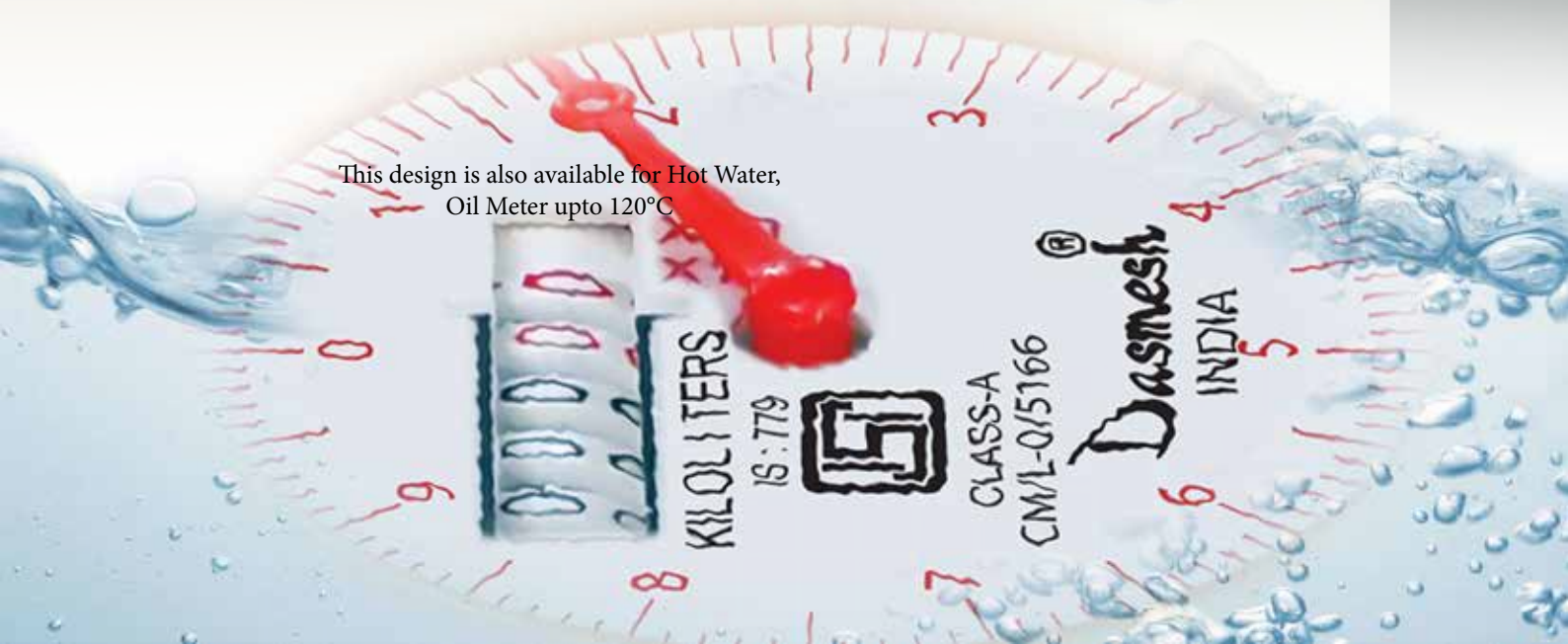
OVERALL DIMENSIONS AND WEIGHT

Type	Size (mm)	Length (mm) L	Width (mm) W	Height (mm) H	Connecting Thread D	Weight (Kg.)
LXSG(R)-15Et	15	165	99	104	G 3/4" B	1.5
LXSG(R)-20Et	20	195/190	99	106	G 1" B	1.7
LXSG(R)-25Et	25	225/280	104	120	G 1 1/4" B	2.4
LXSG(R)-32Et	32	230/260	104	120	G 1 1/2" B	2.8
LXSG(R)-40Et	40	245/300	120	155	G 2" B	5.1
LXSG(R)-50Et	50	280/300	125	155	G2 1/2" B	7.2



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This design is also available for Hot Water,
Oil Meter upto 120°C





Dasmesh[®]

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WE HAVE NO SISTER CONCERN