

Since 1958

Every drop of water counts

Dasmesh®

Spiral Water Meter

(Bulk Helical Enclosed Type)

(Mechanical Driven)

IS-2373/81

Model : DBHE



IS: 2373/81



CM/L-1622746

Dasmesh[®]

WATER METER



SALIENT FEATURES

- Dry dial mechanical driven flange ends
- Ensures wiper to keep the dial free from frost for clear reading
- Metallic gears for long life and durability
 - Size range from 40mm to 1000mm

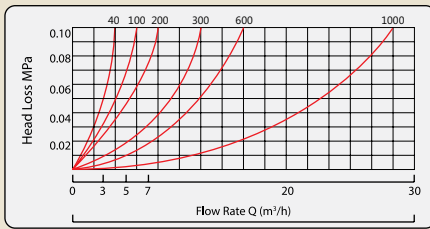
PERFORMANCE DATA

Size of Meter		Max. recording Cap in Ltrs. Millions	Min. Reading Qty in ltrs	Hydrostatic Test	Nominal Cap of water meters discharge Ltrs./hrs. at 3 m loss of head	Intermidate Cap of Water Meter discharge Ltrs./ hrs. at 1m loss of head	Metering Accuracy	Minimum starting flow Lt./hr.	Permissible Loading Ltrs./ day (8 hours)
mm	inches								
40	1½	100	10	1.6 Mpa	50000	20000	± 2%	500	200000
50	2	100	10	1.6 Mpa	50000	20000	± 2%	500	200000
65	2½	100	10	1.6 Mpa	125000	62000	± 2%	1000	620000
80	3	100	10	1.6 Mpa	125000	62000	± 2%	1000	620000
100	4	1000	100	1.6 Mpa	200000	100000	± 2%	1500	1000000
150	6	1000	100	1.6 Mpa	500000	250000	± 2%	3500	2500000
200	8	1000	100	1.6 Mpa	800000	400000	± 2%	5500	4000000
250	10	1000	100	1.6 Mpa	1100000	550000	± 2%	9000	5500000
300	12	1000	100	1.6 Mpa	1500000	750000	± 2%	14000	7500000
350	14	10000	1000	1.6 Mpa	2000000	1000000	± 2%	20000	10000000
400	16	10000	1000	1.6 Mpa	3000000	1500000	± 2%	25000	15000000
450	18	10000	1000	1.6 Mpa	3100000	1500000	± 2%	26500	15000000
500	20	10000	1000	1.6 Mpa	5000000	2500000	± 2%	35000	25000000
600	24	10000	1000	1.6 Mpa	7000000	3000000	± 2%	45000	35000000
700	28	10000	1000	1.6 Mpa	7000000	3000000	± 2%	45000	35000000
750	30	10000	1000	1.6 Mpa	7000000	3000000	± 2%	45000	35000000
900	36	10000	1000	1.6 Mpa	7000000	3000000	± 2%	45000	35000000
1000	40	10000	1000	1.6 Mpa	7000000	3000000	± 2%	45000	35000000

Working Condition:

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

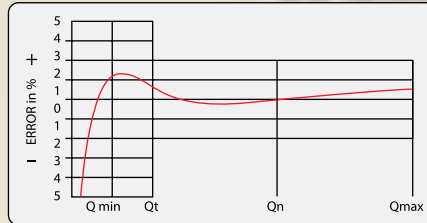
Head Loss Curve



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



DIMENSIONS

Size of Meter		Outside Diameter of flanges	Dia of bolt circle	Thickness of flanges	Holes Number	Holes Dia	Flange to Flange Distance + 5%
mm	inches						
40	1½	150	115	19	4	19	180
50	2	165	125	19	4	19	180
65	2½	180	150	21	4	19	240
80	3	200	160	21	4	19	240
100	4	220	180	22	8	19	250
150	6	285	240	23	8	23	255
200	8	340	295	24.5	8	23	350
250	10	395	350	26	12	23	360
300	12	445	400	27.5	16	23	415
350	14	505	460	29	16	23	430
400	16	565	513	30	20	28	450
450	18	615	565	31.5	20	28	485
500	20	670	620	33	20	28	485
600	24	780	725	36	20	31	515
700	28	895	840	38.5	24	31	600
750	30	960	900	40	24	31	600
900	36	1115	1050	44	28	34	755
1000	40	1230	1160	47	28	37	755

Dasmesh®

WATER METER

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KILOLITERS

IS: 779



CLASS-A
CM/L-Q/5166

Dasmesh®

INDIA



Dasmesh[®]

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WE HAVE NO SISTER CONCERN