



METROLOGICAL PERFORMANCE

SIZE (mm)	40	50	65	80	100	150	200	250	300	350	400	450	500	600	750	900
Intermediate Flow Litres Per Hour	10000	20000	40000	62000	100000	250000	400000	550000	750000	1000000	1500000	2000000	2500000	3500000	4000000	5000000
Nominal Flow Litres Per Hour	20000	50000	80000	125000	200000	500000	800000	1100000	1500000	2000000	3000000	4000000	5000000	7000000	8000000	10000000
Lower Limit of Flow Litres Per Hour	1000	1660	2667	4160	6660	16660	26660	36660	50000	66660	100000	133300	166600	233300	266666	333300
Minimum Start- ing Flow Litres Per Hour	400	500	750	1000	1500	3500	5500	9000	14000	20000	25000	30000	35000	45000	55000	65000
Pressure Testing Kg/Cm ²	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Minimum Reading in Litres	10	10	10	10	10	100	100	100	100	100	100	100	100	100	1000	1000
Maximum Reading in Litres						100000000			1000000000				10000000000			100000000000

STANDARD

Conforms to IS 2373/1981

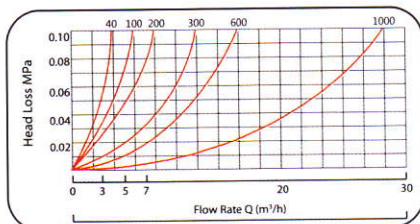
SALIENT FEATURES

- 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

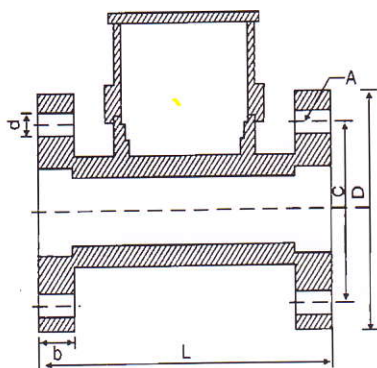
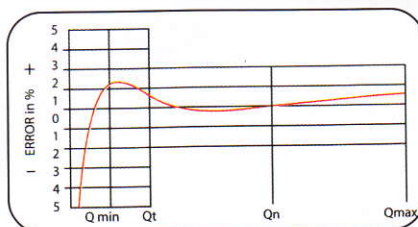
WORKING CONDITIONS

- Water Temperature 45°C
- Water Pressure \leq 1MPa
- Maximum Pressure -16 Bar

HEAD LOSS CURVE



ACCURACY CURVE



FLANGES DIMENSIONS

SIZE (mm)	40	50	65	80	100	150	200	250	300	350	400	450	500	600	750	900
Outside Dia of Flange (D) mm	145	165	185	200	220	285	340	395	445	505	565	615	670	780	960	1115
Thickness of Flange (b) mm	19	19	20	21	22	23	24.5	26	27.5	29	30	31.5	33	36	40	44
Dia of Bolt Circle (C) mm	110	125	145	160	180	240	295	350	400	460	515	565	620	725	900	1050
Number ofHoles (A)	4	4	4	4	8	8	8	12	12	16	16	20	20	20	24	28
Dia of BoltHoles (d) mm	19	19	19	19	19	23	23	23	23	23	28	28	28	31	31	34
Total Length (L) mm	170	170	198	198	240	295	343	443	365	530	535	580	610	645	655	-----

NOTES

1. Above particulars relate to cold water meters suitable for temperature upto 45°C.
2. As constant efforts are made to improve the design, details given in the leaflet, are subject to change or modify without any prior notice.
3. Flanges drilled as per IS:1538 Part IV & VI