

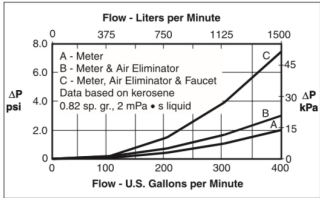
T-40 Gravity Meter Packages



T-40 Meter with T4A Air Eliminator, MG4 Faucet, Counter, and Ticket Printer – Model T40-V

Operating Specifications

- Maximum Viscosity:** 50 mPa·s (250 SSU)
- Temperature:** -20°F to 150°F (-29°C to 65°C)
- Maximum Flow Rate:** 400 USGPM (1500 L/min)
- Maximum Pressure:** 36 PSIG (250 kPa)
- Pressure Drop (ΔP)**



Pressure Drop Correction for Other Products

To determine the pressure drop for other products, multiply the ΔP from the chart by the correction factor shown below.

	Specific Gravity	Viscosity (mPa·s)	Correction Factor
Gasoline	0.5	0.7	0.63
Fuel Oil	0.9	10	1.6
Fuel Oil #2	0.9	20	1.9

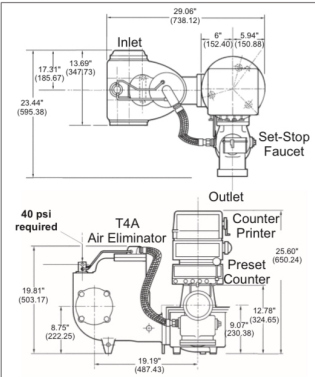
9 Polytetrafluoroethylene (PTFE).

Typical Range and Linearity for Various Products

T-40 Meter with Standard Clearances, Counter, and Ticket Printer				
Linearity	Product & Viscosity			Units (mPa·s)
	Gasoline 0.7	Kerosene/Diesel 2.0	Fuel Oil ≥10	
±0.15%	80-400	40-400	20-400	(GPM)
	303-1514	151-1514	76-1514	(L/min)
±0.25%	60-400	28-400	12-400	(GPM)
	227-1514	106-1514	45-1514	(L/min)
T-40 Meter with Low Flow Clearances, Counter, and Ticket Printer				
±0.15%	40-400	20-400	8-400	(GPM)
	151-1514	76-1514	30-1514	(L/min)
±0.25%	32-400	16-400	4-400	(GPM)
	121-1514	60-1514	15-1514	(L/min)

Dimensions

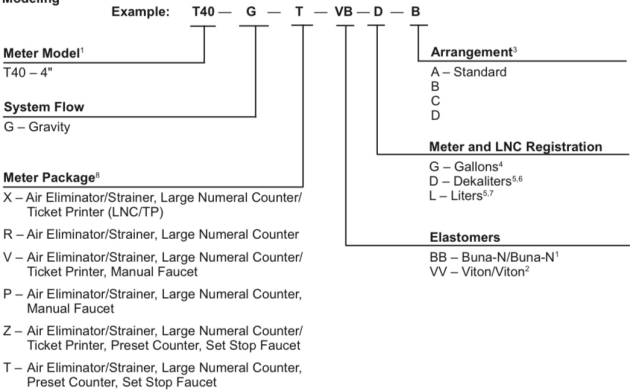
Inches (mm) – For Model T40-Z*



Materials of Construction			
	Housing	Internals	Seals
T-40 4" Meter	Cast Iron	Iron, Steel, Stainless Steel, Aluminum, Bronze	Std. – Buna-N Opt'l. – Viton Packing Gland Std. – Buna Opt'l. – Viton or PTFE ⁹
T4A Air Eliminator	Aluminum with Steel Strainer (40 mesh) Flange	Steel, Stainless Steel, Aluminum	Std. – Buna Opt'l. – Viton
MG4 & SG4 Faucets	Aluminum	Steel, Iron, Aluminum	Std. – Buna Opt'l. – Viton

T-40 Meter Gravity Package Selection Guide

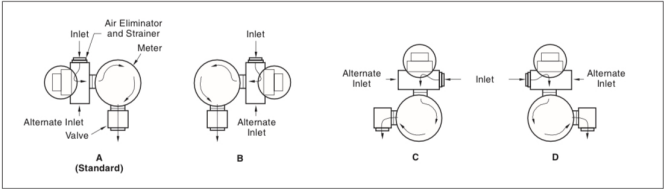
Modeling



Connections: Female NPT threaded end connection.

Pressure Rating: Maximum working pressure of all meters and components (except T-40 arrangements) is 150 psig (1,034 kPa) at 100°F (65°C).

Inlet/Outlet Position Arrangements



Meters will be set up as indicated by Arrangement "A" unless otherwise specified.

1 Buna-N packing gland, Buna-N accessories.
2 Viton packing gland, Viton accessories.
3 All meter packages will be supplied with arrangement (A) unless otherwise specified.
4 All LNC's with ticket printers will be 6600 Series with zero start ticket printer and will register in tenths on the first right hand wheel.
5 Dekaliter and Liter LNC with ticket printer will have accumulative ticket printer and LNC will register in whole units unless otherwise specified.
6 Meter gearing is Dekaliter, LNC will register in Dekaliters.
7 Meter gearing is Dekaliter, LNC will register in Liters.
8 For Large Numerical Counters and Printer Model Designation, Reference Counter Selection Guide Bulletin [AB01024](#).