

# CASE DRAIN FLOW METER

Case Drain Flow Meter is a low cost alternative for monitoring pump performance and identifying required maintenance.



## TECHNICAL SPECIFICATIONS

### Measuring Accuracy

±5% of full scale

### Repeatability

±1% of full scale

### Flow Measuring Range

0.1-30 GPM (0.5-115 LPM)

### Maximum Operating Pressure

1000 PSIG (69 Bar)

### Maximum Operating Temperature

240°F (116°C)

### Standard Calibration Fluids

Oil meters: DTE 25® @ 110°F (43°C), 0.873 sg

Water meters: tap water @ 70°F (21°C), 1.0 sg

### Filtration Requirements

74 micron filter or 200 mesh screen minimum

### Viscosity

Standard viscosities up to 110 cSt. For viscosities between 110 to 430 cSt contact factory.

DTE 25 is a registered trademark of Exxon Mobil.

## MATERIALS OF CONSTRUCTION

Wetted Components		Non-Wetted Components	
Component	Materials	Component	Materials
Casing	Anodized Aluminum	Window Tube	Polycarbonate
Ports	Non-anodized Aluminum		
Seals	Buna-N®	Window Seals	Buna-N®
Transfer Magnet	PTFE coated Alnico		
All other internal parts	Stainless Steel		

## BENEFITS

### Unrestricted Mounting

Allows for horizontal, vertical or inverted installation and does not require straight plumbing on inlet or outlet.

### Superior Exterior Design

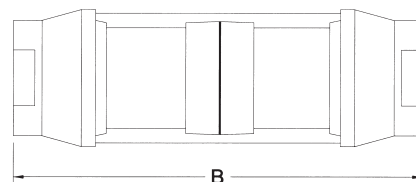
Weather-tight for use outdoors and/or on systems where wash-downs are required.

### Rugged and Reliable

These meters are constructed with all metal pressure vessels that allow safe and permanent installation.

### Multiple Ports Available

Standard selection of NPT, SAE and BSPP ports reduces the amount of adapters required for installation.



## MECHANICAL - SIZE CODE

DIM	Series 3	Series 4
A	1-7/8" (48mm)	2-3/8" (60 mm)
B	6-9/16" (167mm)	7-5/32" (182mm)

SAE and BSPP porting also available. Contact factory for more information.

