

Area of Application:

Flow and temperature measuring of fluids (mobile and industrial hydraulics and grease systems)

Characteristics:

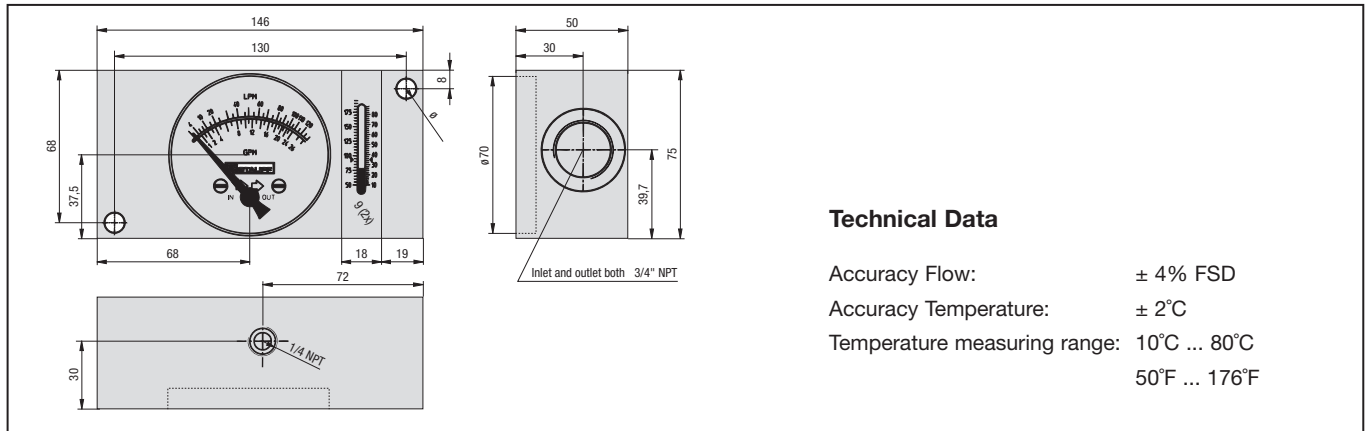
- Aluminum body
- Suitable for mineral oil, HFC fluids
- Designed for in-line installation
- Mechanical process (off the line)
- 1/4 NPT connection for pressure gauge (not included)
- 2 1/2" (63mm) Dial.
- Standard calibration for 150 SSU fluids
- Accuracy within $\pm 4\%$ full scale deflection

SDM indicator can offer a simultaneous measurement of pressure, flow and temperature (dual scale in °C and °F).

- Bronze versions for water available on request



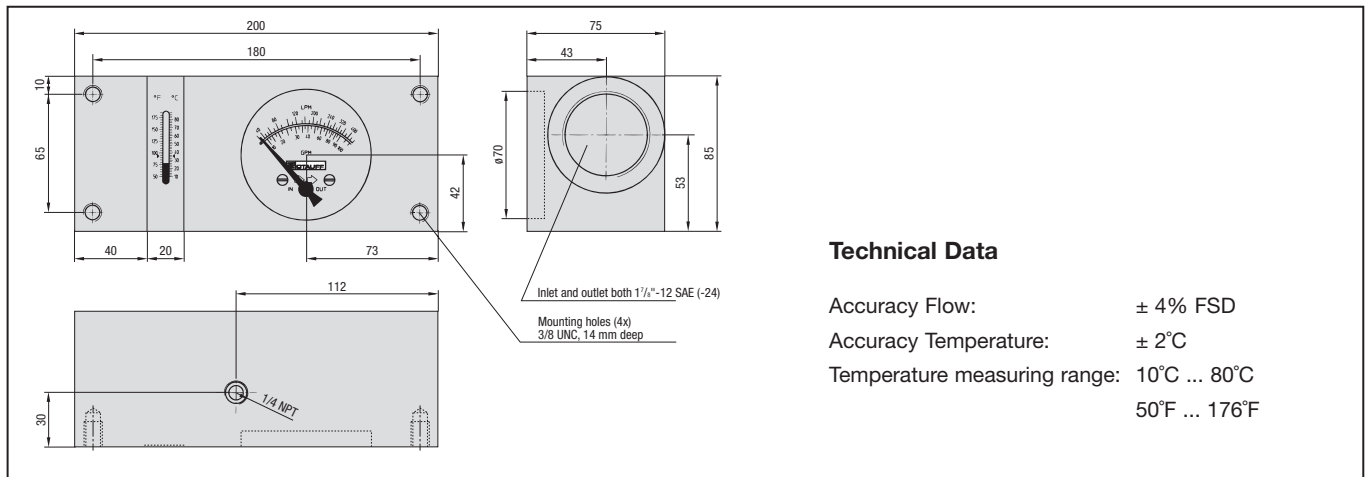
Dimensions SDM-750



Technical Data

Accuracy Flow:	$\pm 4\%$ FSD
Accuracy Temperature:	$\pm 2^\circ\text{C}$
Temperature measuring range:	10°C ... 80°C 50°F ... 176°F

Dimensions SDM-1500



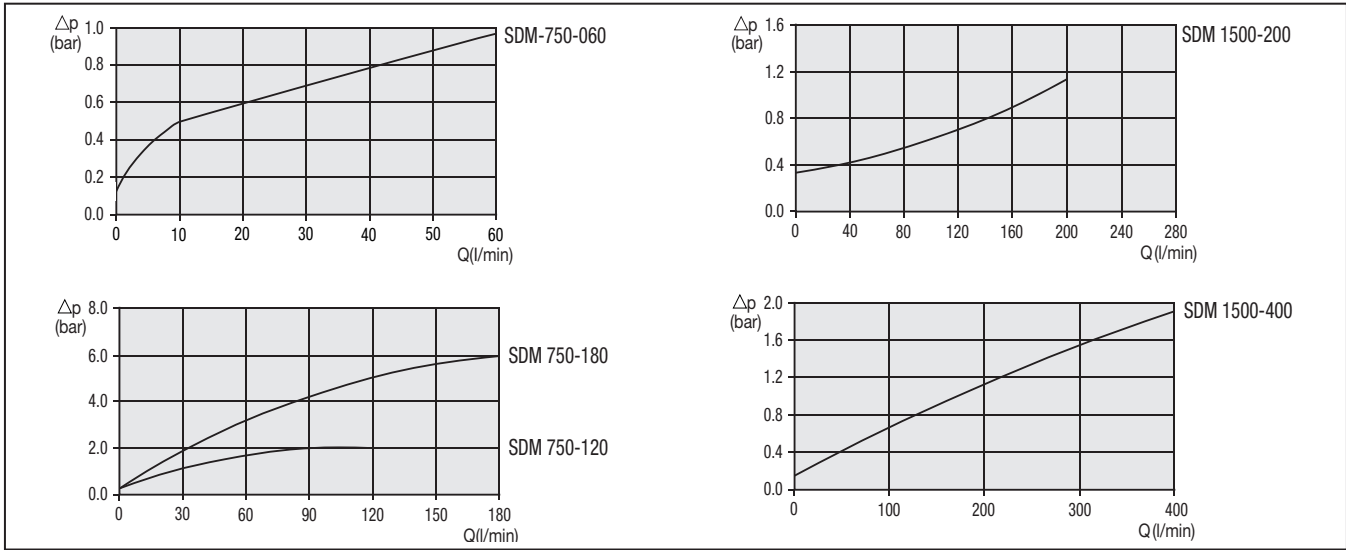
Technical Data

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Technical Data

Part Number	Max Working Pressure		Flow Range		Weight		Connection
SDM-750N-A-060-T	6000 PSI	420 BAR	0.8-16 GPM	3 – 60 L/MIN	3 LBS	1.36 KG	3/4 NPT
SDM-750N-A-120-T	6000 PSI	420 BAR	1.3-32 GPM	5 – 120 L/MIN	3 LBS	1.36 KG	3/4 NPT
SDM-750N-A-180-T	6000 PSI	420 BAR	2.6-47 GPM	10 – 180 L/MIN	3 LBS	1.36 KG	3/4 NPT
SDM-1500S-A-200-T	4000 PSI	280 BAR	2.6-53 GPM	10 – 200 L/MIN	6.6 LBS	3.00 KG	1 7/8-12 SAE
SDM-1500S-A-400-T	4000 PSI	280 BAR	8-105 GPM	30 – 400 L/MIN	6.6 LBS	3.00 KG	1 7/8-12 SAE

Flow Curves



DIAGNOSTICS

Ordering Code

SDM 750N A 120 T

Type	
SDM	Flow Indicator

Size	
750	Size 750N (3/4" NPT)
1500	Size 1500S (1-7/8" - 12 SAE)

Housing	
A	Aluminum
B	Bronze (special order)

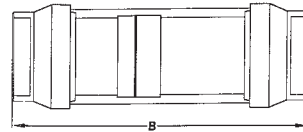
Thermometer	
T	with integrated thermometer (standard)

Flow	
060	0.8 - 16 gpm (3 - 60 lpm) - size 750
120	1.3 - 32 gpm (5-120 lpm) - size 750
180	2.6 - 47 gpm (10-180 lpm) - size 750
200	2.6 - 53 gpm (10-200 lpm) - size 1500
400	8 - 105 gpm (20-400 lpm) - size 1500

Flowtell In-Line Flow Meters

Specifications

- Accuracy Flow: ±2.5% of full scale in mid-third of flow range
±4.0% over entire flow range
- Repeatability: ±1% of full scale
- Max. Operating Pressure: 3500 PSI (240 bar)
- Max. Operating Temperature: 240°F (116°C)
- Material: Aluminum end Caps, Polycarbonate Window
Tube, Buna-N and Teflon Seals
- Suitable for Mineral-Based Hydraulic Fluid



Model No.	Port Size	Flow Range	Dimensions	
			A	B
FTBAGHB-05	1/2" NPT	0.5-5 GPM	1.88" (48 mm)	6.56" (167 mm)
FTBAGHC-30	3/4" NPT	3-30 GPM	2.38" (60 mm)	7.16" (182 mm)
FTBAGHK-75	1 1/4" NPT	8-75 GPM	3.5" (90 mm)	10.13" (258 mm)