

BROOKFIELD PROCESS VISCOMETERS

STT-100 Sanitary Viscometer

for In-line System Applications

Concentric cylinder geometry provides viscosity measurements at defined shear conditions

Constant speed or variable speed motor

Mounts in line supported by connections

Model STT-100 Viscometer complies with 3-A sanitary standards. Ideal for food and dairy industries as well as other industries requiring precise cleanability requirements.

- ▶ Continuous linear output signal (4-20 mA)
- ▶ Coaxial cylinder measurement geometry for viscosity values at defined shear rates
- ▶ Capable of a wide range of pressures, temperatures, viscosities, flow and shear rates
- ▶ Conforms to 3-A sanitary conditions and has clean-in-place (CIP) technology
- ▶ Available in 3" or 4" tri-clamp connections
- ▶ Easy to check and maintain calibration

Torque sensor gives 4-20 mA linear signal



ES France - Département Bio-tests & Industries
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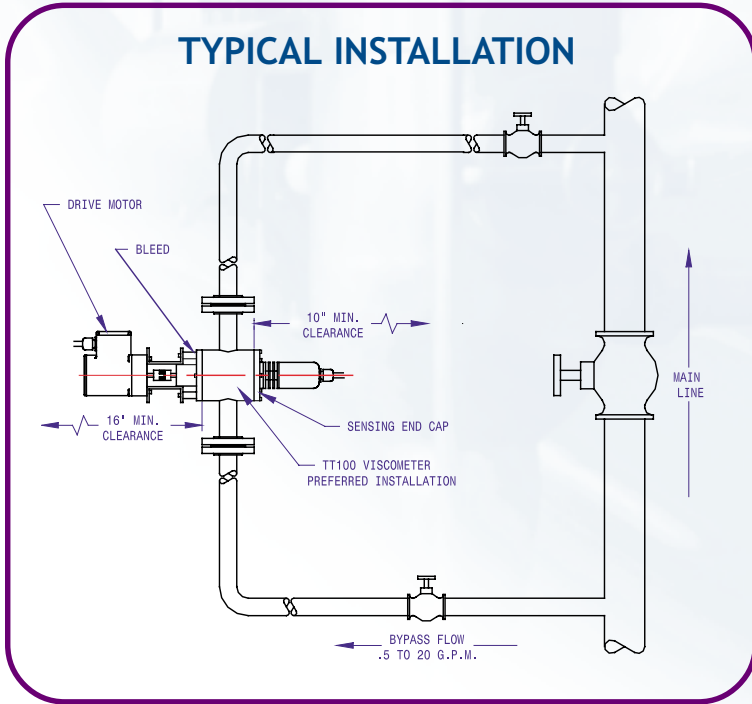


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STT-100 Sanitary Viscometer



SPECIFICATIONS

- Viscosity:** 350 to 250,000 cP
- Shear Rates:** 7.5 to 225 sec⁻¹
- Repeatability:** ± 0.5% of span
- Pressure Range:** 200 psig
- Temperature:** -40° to 300°F
- Max. Flow Rate:** Up to 80 gpm (depends on product)
- Output Signal:** 4-20 mA
- Line Sizes:** 3-inch, 4-inch (standard reducers available)

Think viscosity think Brookfield

MODEL	VISCOSITY RANGE cP(mPa•s)		SPEEDS		SPINDLES <small>(included)</small>	DATA DISPLAYED		APPLICATIONS
	Min.	Max.	RPM	Number of Increments		Read-out	Torque % Temperature °F/°C	
STT-100	350	250K	AS	AS	NA	Analog	• o	Chocolate Cosmetics Creams Dairy Products Food Products Juices Personal Care Products Pharmaceuticals Shampoo Starches Toothpaste Yogurt

K = 1 thousand

AS = Application Specific

O = optional

Note: 1. Specify voltage and frequency when ordering.

