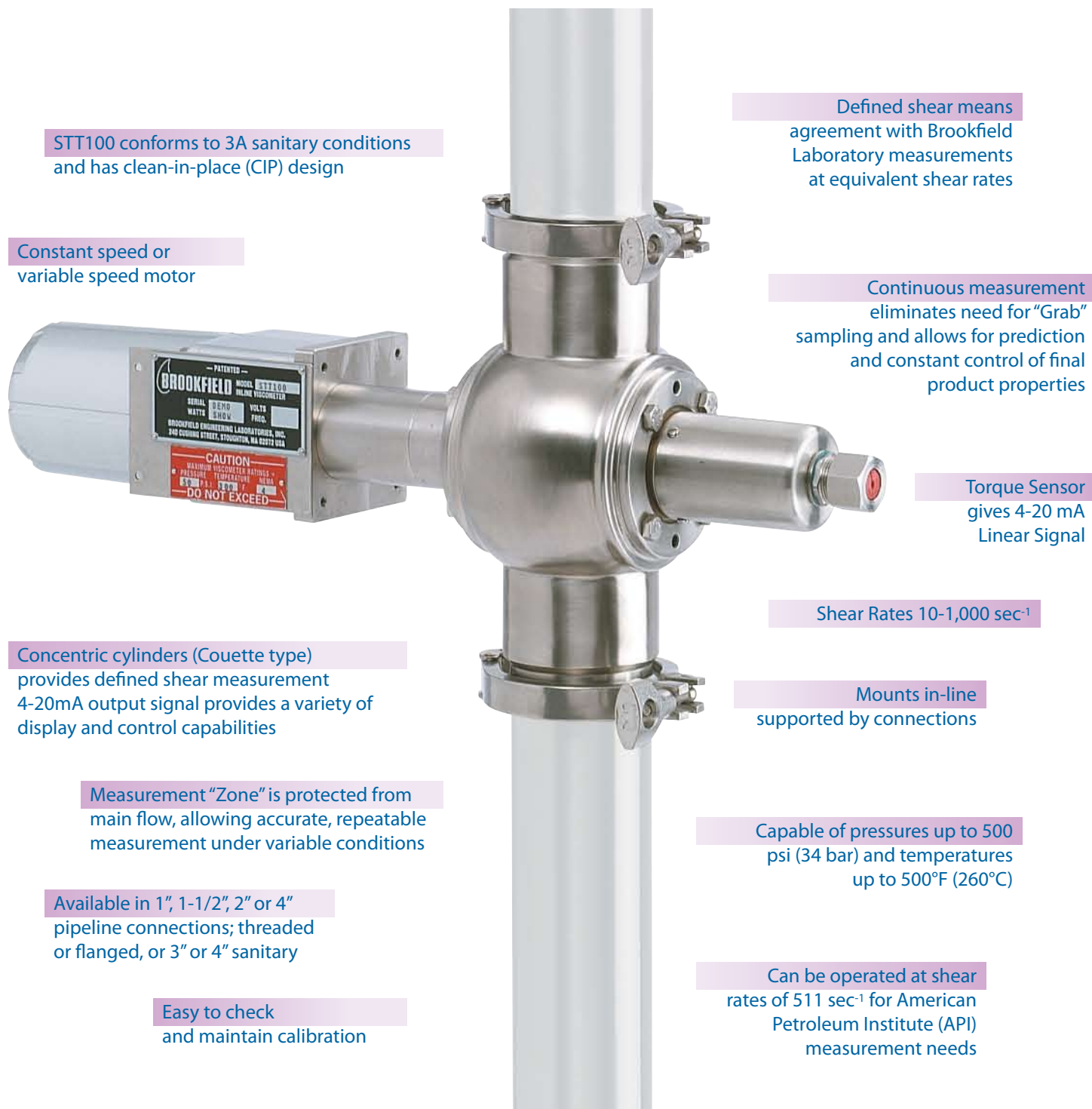


STT-100 Process Viscometer

...for in-line system applications



STT100 conforms to 3A sanitary conditions and has clean-in-place (CIP) design

Constant speed or variable speed motor

Defined shear means agreement with Brookfield Laboratory measurements at equivalent shear rates

Continuous measurement eliminates need for "Grab" sampling and allows for prediction and constant control of final product properties

Torque Sensor gives 4-20 mA Linear Signal

Shear Rates 10-1,000 sec^{-1}

Concentric cylinders (Couette type) provides defined shear measurement
4-20mA output signal provides a variety of display and control capabilities

Mounts in-line supported by connections

Measurement "Zone" is protected from main flow, allowing accurate, repeatable measurement under variable conditions

Capable of pressures up to 500 psi (34 bar) and temperatures up to 500°F (260°C)

Available in 1", 1-1/2", 2" or 4" pipeline connections; threaded or flanged, or 3" or 4" sanitary

Easy to check and maintain calibration

Can be operated at shear rates of 511 sec^{-1} for American Petroleum Institute (API) measurement needs

BROOKFIELD VISCOMETERS

T: 800.628.8139 or 508.946.6200 F: 508.946.6262 www.brookfieldengineering.com

What's Available?

Instrument in Nema 4, Nema 7 (explosion proof Class I, Division 1 & 2, Group D design), ATEX or Sanitary Configurations

Optional Accessories

Optional 12V or 24V DC operation

Readout Indicator

Variable Speed Motor

Applications

Chocolate

Cosmetics

Creams

Dairy Products

Food Products

Juices

Personal Care Products

Pharmaceuticals

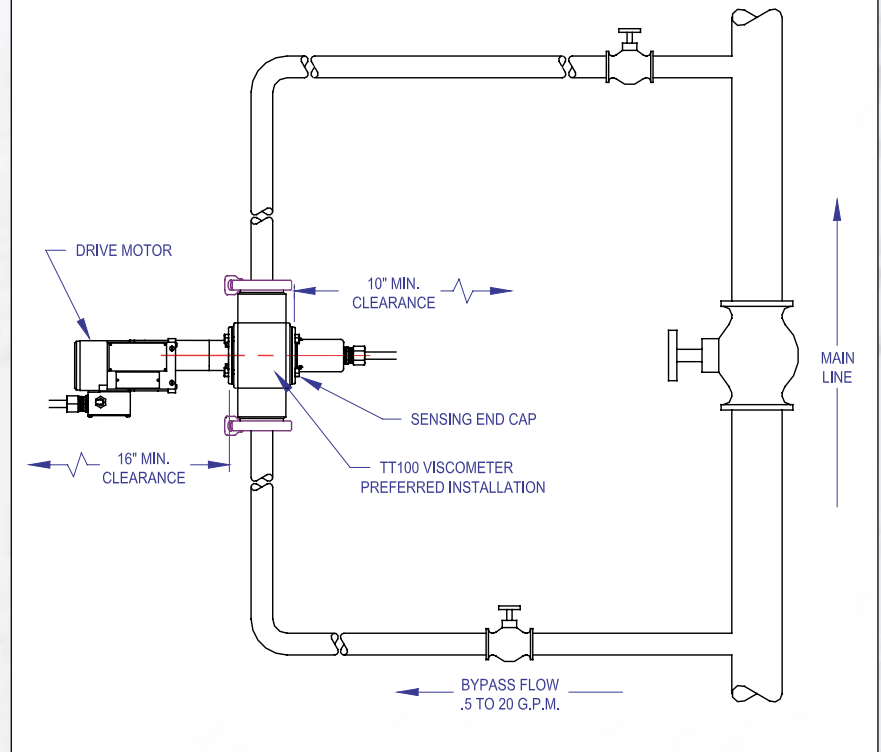
Shampoo

Starches

Toothpaste

Yogurt

Typical Installation



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