MODEL GSCPS – SPECIFICATIONS

Design Type: Turbine
Housing Material: 316 Stainless Steel
Meter Sizes Available (ID): 1” 1-1/2” 2”
Meter ID: 1” 1-1/2” 2”
Flow Range: 1” (100) 6.7 - 67 GPM (25.2 - 252 LPM)
1-1/2” (150) 17.7 - 177 GPM (67.0 - 670 LPM)
2” (200) 33 - 330 GPM (125.0 - 1250 LPM)
Accuracy (Linearity): ± 0.5%
Repeatability: ± 0.1%
Pressure Rating: Limited by fitting size
Operating Temperature Range:
For GSCPS: -100°F to +225°F (-74°C to +107°C)
SIP (up to 1 hour): 285°F (140°C)
Typical K-Factor: 1” (100) 896
1-1/2” (150) 340
2” (200) 181
Wetted Materials (SIP):
Housing: 316 Stainless Steel
Sleeve Bearings: PEEK
Thrust Bearing: PEEK
Shaft: 316 Stainless Steel
Rotor: CD4MCu Stainless Steel
Rotor Supports: 316 Stainless Steel
Recommended Strainer Size:
1” 40 mesh
1-1/2” 18 mesh
2” 14 mesh
Frequency Output: 1” (100) 100 - 1000 Hz
1-1/2” (150) 100 - 1000 Hz
2” (200) 100 - 1000 Hz

APPROVALS
GSCPS & “L” Option Meters carry a
Sanitary Rating.
Flow meters for milk and milk products, Number 28-03.

This meter meets the strict 3-A Sanitary Standards using the new “Third Party Verification (TPV) program. Our methods of design, construction and traceability of components have been reviewed and approved.

The internals of this meter are machined or polished to meet 3-A self-draining and cleaning requirements (Ra 32). The GSCPS Meter meets Clean in Place (CIP), Steam in Place (SIP) and Clean Out of Place (COP) requirements.