



Max Machinery, Inc.  
an ISO 9001:2008 certified company

## Model 241 Helix Flow Meter 100 cc/min to 189 liters/min

### SPECIFICATIONS

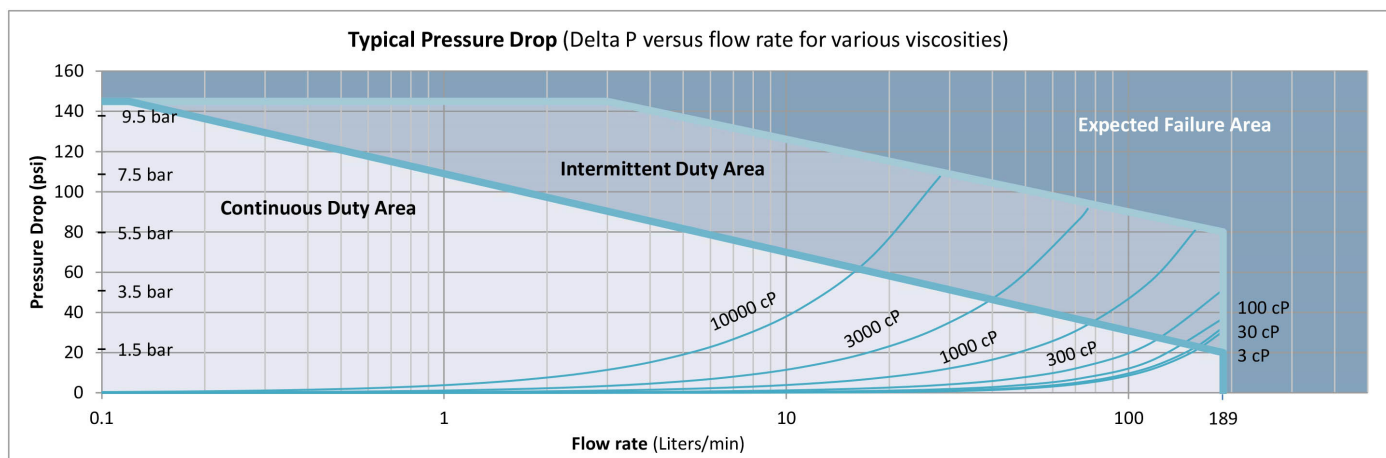
Flow Range	100 cc/min to 189 liters/min
Accuracy (at 30 cP)	$\pm 0.2\%$ of reading over a 50:1 range $\pm 0.5\%$ of reading with a non-linearized transmitter
Maximum Operating Pressure	35, 105, or 240 bar (500, 1500, 3500 psi)
Displacement	0.062 liters/rev
Weight	13.6 kg
Recommended Filtration	150 micron
Port Size(s)	1 1/2" NPT or 1 1/2" (DN 40) customer supplied RF flanges
Fluids	Most non aqueous, organic liquids
Heat Trace	Heat traceable bodies available



241 with model  
295 transmitter

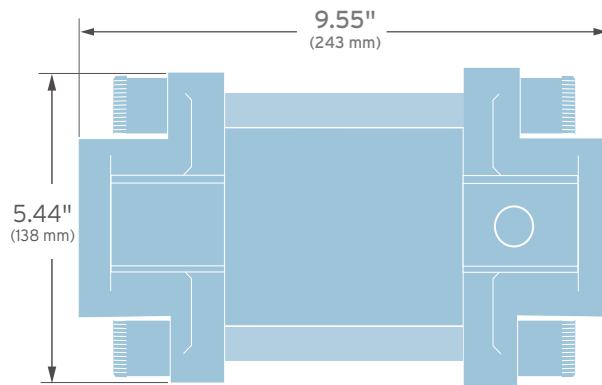
### MATERIALS OF CONSTRUCTION

Body	Stainless steel, type 303
Rotors	Stainless steel, type 303
Bearings	All ball bearings, 440C stainless steel
O Rings	Viton®- standard, Teflon® or Perfluoroelastomer - optional

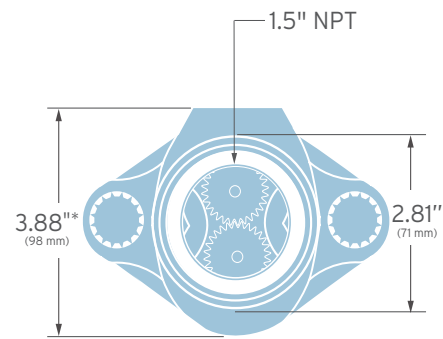


# Model 241 Flow Meter

## CONNECTIVITY/DIMENSIONS



- Top View -



\*Add 0.4" (10mm)  
for high pressure body

- End View -

## TRANSMITTER OPTIONS



Ex Proof  
Housing



Model 295  
Analog/ Frequency



Model 289

### Model 295 Frequency\*

Output Signal: 5V

Output Resolution: 1000 pulses/rev

Linearization: linearized

Temperature rating: 90° or 225°C, 220 or 435°F

### Model 295 Analog\*

Output Signal:  $\pm 20\text{mA}$  or  $\pm 10\text{V}$

Output Resolution: 16 bit

Linearization: linearized

Temperature rating: 105 or 225°C, 220 or 435°F

### Model 289 Inductive

Output Signal: 5V

Output Resolution: variable

Linearization: non-linearized

Temperature rating: 240°C, 465°F

\*CE Certified, Ex-proof version available with ATEX/IECEx II 2 G Ex d IIB Tx Gb as well as UL, cUL certification for Class 1, Division 1, Groups C and D, Tx