

# JVS-CGT-EX-S6 - POSITIVE DISPLACEMENT SPUR GEAR FLOW METER

Works extremely well under high pressure.



## APPLICATIONS

Designed for use in systems rated up to 5,000 psi, the JVS-CGT-EX-S6 gear meters are durable, accurate, and safe in edium pressure environments. The JVS series all can be hydro tested to 1.5 times the working pressure rating.

The JVS-CGT-EX-S6 meters, constructed of 316 stainless steel with inconel bolts, come equipped with female NPT fluid port connections. These units are for use in offshore chemical injection systems specifically suited to corrosion, scale, and wax inhibitors.

## FEATURES

- Three flow ranges from 0.003 to 7.0 GPM
- Accuracy: up to 0.5% of reading
- Pressure rating up to 5,000 PSI
- Bi-directional flow capabilities
- Non-intrusive sensors, meter-mounted displays, and electronic modules available



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## BENEFITS

### Affordable & Accurate

This meter has the ability to maintain consistent accuracy despite changing viscosity conditions, with accuracy of  $\pm 0.5\%$  of reading.

### Rugged Construction

The JVS-CGT solid body construction is made of 316 stainless steel for corrosion resistance and durability.

### Flexible

Meter may be used in applications requiring bi-directional flow, and can be hydro tested to 1.5x the working pressure rating.

### Hazardous Environment Ready

A complete line of explosion-proof sensors and displays are available for the JVS-CGT meters.

## TECHNICAL SPECIFICATIONS

### Measuring Accuracy

$\pm 0.5\%$  over 10:1 turndown with 30cP fluid

### Repeatability

$\pm 0.1\%$

### Flow Measuring Range

0.005 to 0.8 gpm  
0.02 to 2.0 gpm  
0.1 to 7.0 gpm

### Maximum Operating Pressure

Up to 5,000 psi

### Maximum Fluid Temperature

Depends on sensor used, refer to sensor technical guide

### Ports

1/4" NPT, 1/2" NPT

## MATERIALS OF CONSTRUCTION

Body	316 Stainless Steel
Gears	DIN 1.4501 (Super Duplex) stainless steel
O-Ring	PTFE
Bolts	Inconel 718
Shafts & Bushings	Carbide with nickel binder



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