



AW FLOW METERS

JVHS Series – High Pressure Positive Displacement Flow Meter



Technical Specifications:

- 316 SS bodies
- Flow ranges 0.003 to 7 GPM
- 15,000 PSI working pressure
- ATEX approved, non-sparking
- Xylan coated bolts
- Accuracy $\pm 0.5\%$
- Bi-Directional flow capabilities
- Medium pressure Autoclave connections

What is a JVHS Meter?

The JVHS series of positive displacement flow meters are designed for high pressure systems requiring flow meters rated up to 15,000 psi (1035 bar) working pressure. The JVHS meters are equipped with medium pressure autoclave connections, 316 SS bodies and xylan coated bolts. The flow meters are bi-directional and can be hydrotested to 1.5X the working pressure rating. A complete line of explosion proof sensors and displays are available for the JVHS meters.

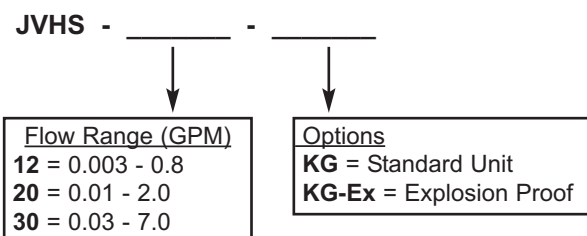
Typical applications include high pressure hydraulic and fuel systems and off shore chemical injection systems ranging from methanol, corrosion and wax inhibitors, and water treatment chemicals. ATEX certificates for non-sparking devices and material certificates 2.2 and 3.1.b are available.



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Part Number Configuration



Example:

JVHS-12KG-Ex Has a flow range of 0.003 to 0.8 GPM, and is modified to accept an explosion proof sensor.

Meter Technical Data

Materials of Construction:

Body: 316 Stainless Steel
Gear: Stainless Steel
O-Ring: Teflon
Bearings: Stainless Steel
Accuracy: ± 0.5% over 10:1 turndown with 30 cP fluid
Repeatability: ± 0.1%
Max Fluid Temperature:
 Meter 400° F Stainless Body

NOTE: Meter can be hydrotested to 1.5x working pressure.

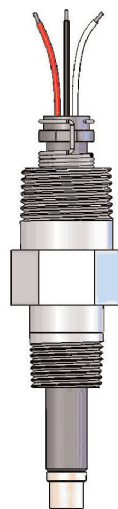
Meter Type	Range Gal/Min	Impulse/ Gallon	Impulse/ cc	Dia (in)	Height (in)	Porting Medium Pressure Auto Clave	Filtration (micron)	Pressure Rating (PSI)
JVHS-12KG	0.003-0.8	53,000	14	3.75	2.5	3/8"	30	15,000
JVHS-20KG	0.01-2.0	15,900	4.2	3.75	2.5	3/8"	30	15,000
JVHS-30KG	0.03-7.0	6,600	1.7	3.75	3.0	3/8"	30	15,000

Model	Sensor Types	Sensor Features
HUB-30-Ex	Pulse Output Single Sensor	Frequency output, with conduit connection
FIP-xx	Meter Mounted Analog Output Sensor	3 wire analog output, current or voltage
HEF-B	Single Sensor – Standard pick-up	Frequency output
RT-Ex15-xx	Digital Meter Mounted Sensor	4-20 mA loop powered output and scaled pulse output
MAG-Px	Hall Effect Single Sensor	Frequency output with conduit connection

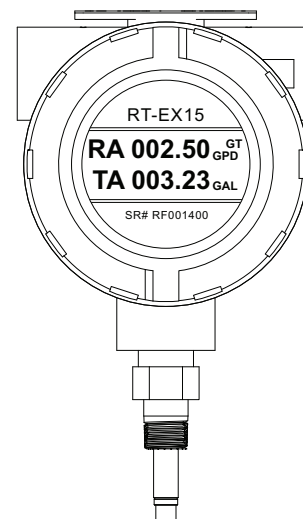
XX = Consult factory or see price list for complete part number

Products may be subject to change without notice –
 Contact factory for current information

HUB-30-Ex



RT-Ex15-Ex



Mag-Px

