DA-CIV Chemical Injection Valve
with VO Back Pressure Regulator

Applications
- Severe, corrosive environments
- High volume chemical injection
- Wide range of setting depths

Benefits
- Designed for a 20+ year life cycle
- Accomodates high flow rates without eroding seal closure
- Predictable operation

Features
- Robust design
- Proven flapper design, used for 40+ years in safety valves
- Simple choke mechanism

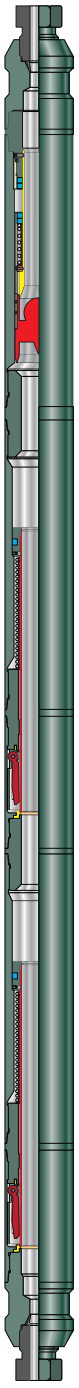
The Tejas DA-CIV is a Chemical Injection Valve designed to close in the most severe operating conditions, where reliable closure is mandetory and preventing hydrocarbons from the production tubing to flow back to the surface via the injection tubing or annulus.

The DA-CIV is installed in the annulus with special clamps to the tubing and is connected to the wellhead via a dedicated injection tubing and communicates to the tubing via a ported injection sub.

The DA-CIV is modular in design and can be ordered in tandem for double redundant seals preventing back-flow.

A Back Pressure Regulator with Variable Orifice can be run in conjunction with the injection valve to provide a minimum cracking pressure to draining of the injection line, when well bore pressure decreased to abandonment pressure.

The DA-CIV is rated to 10,000-psi working pressure and is constructed with metal-to-metal seals for reliable long term operational performance.



DA-CIV Valve
Open Position

Q1-0099

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Phone: 281 466 8700

www.tejasre.com
product.sales@tejasre.com

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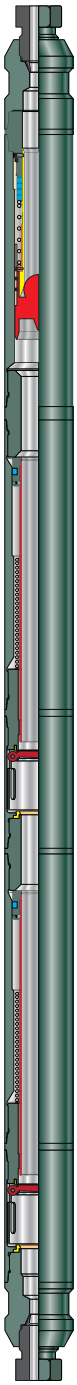

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Open Position

Engineering Data	
Flow area (Bore,) sq in [sq mm]	0.168 [107.5]
Flow tube travel, in [mm]	0.960 [24.4]
Overall length, in [mm]	36.540 [928.1]
Max. OD, in [mm]	2.375 [60.3]
Min. ID, in [mm]	0.462 [11.7]
Lower connection, in [mm] NPT	0.750 [19.1]
Hydraulic connection, in [mm] NPT	0.750 [19.1]
Secondary Accessories	
Repair kit	Not Assigned
Operating Data	
Max. differential pressure, psi [kPa]	10,000 [68,947]
Max. differential operating pressure, psi [kPa]	10,000 [68,947]
Working pressure, psi [kPa]	10,000 [68,947]
Materials	
External Parts	Inc-625 or better
Soft Seat	Moly Filled Teflon, 5%
Wiper Ring	Moly Filled Teflon, 5%

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† Opening & closing pressure are dependent on setting depth and fluid gradient.

Direct request for quotations to: product.sales@tejasre.com

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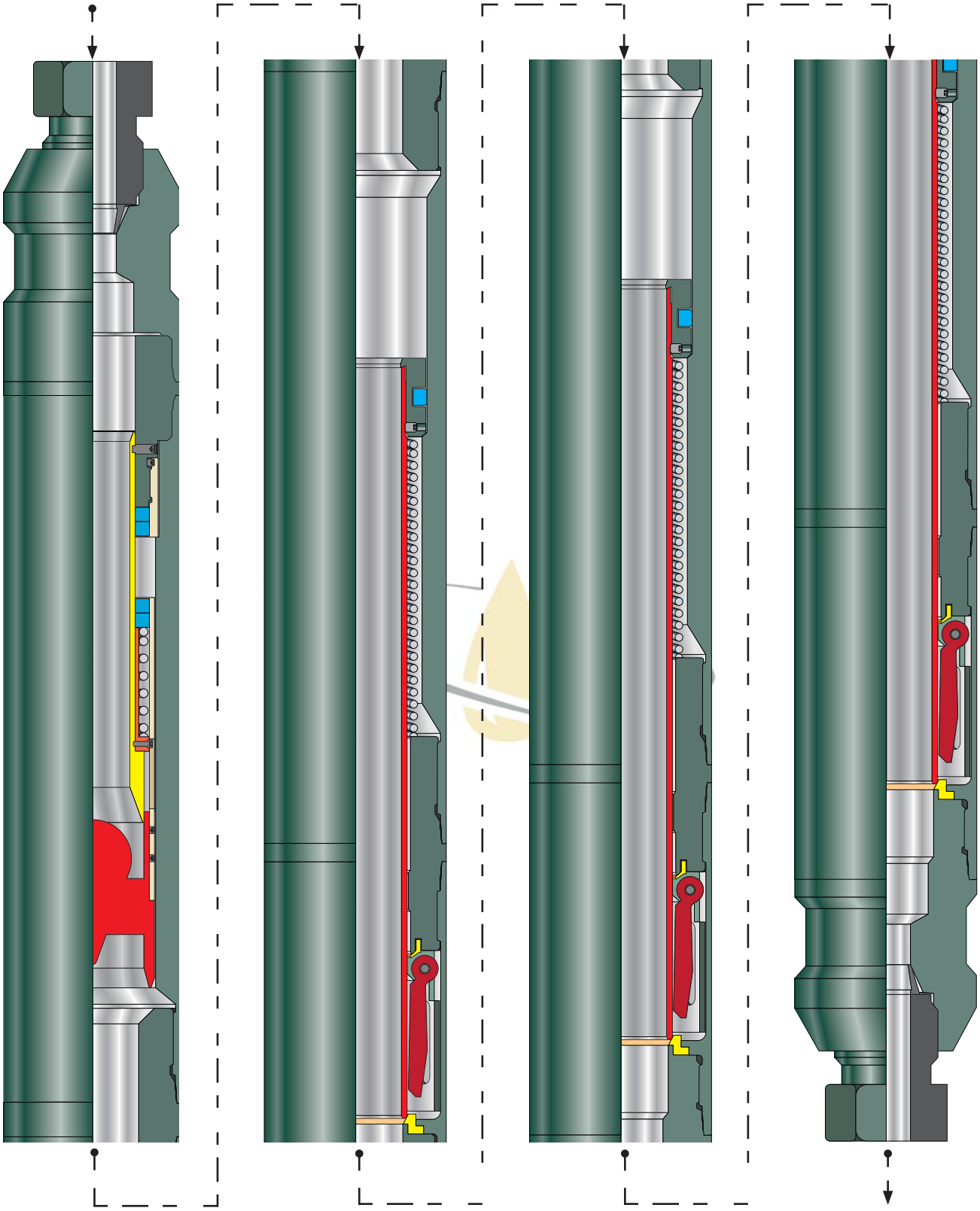

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