

**CCI 100 DPC
DRAG® Production Wellhead Choke
New Construction**



We Solve Control Valve Problems®



CCI 100DPC & New Construction Is Strong Wellhead Protection

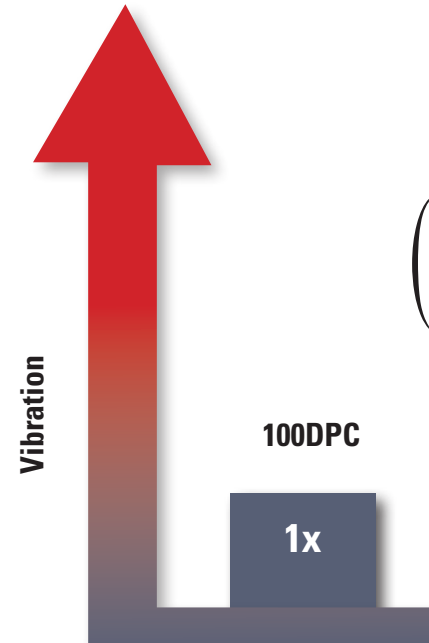
In the highly unpredictable environment of a new well start-up, there is one constant – the reliable performance of the 100DPC choke valve. Utilizing CCI's DRAG® technology the 100DPC eliminates costs associated with start-up delays and lost well production by providing consistent trouble free start-ups. Designed to provide reliable performance through the warranty period, the 100DPC has proven to be the industry's leading solution for customers worldwide.



CCI DRAG® technology reduces fluid pressure in stages, keeps velocities low, and consequently reduces erosion and vibration

Reduce vibration levels by a factor of 7x compared to single stage alternatives

- DRAG® technology controls velocity, reducing erosion and vibration
- Minimize the risk of a troubled start-up and brittle fractures
- Eliminate premature shutdowns and damage to adjacent piping and equipment



According to testing, single stage choke valves produce 7x the amount of harmful vibration as the 100DPC

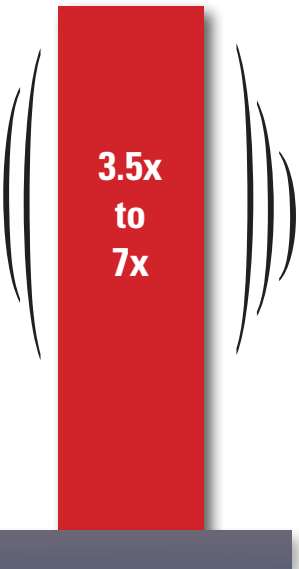
Smooth operation through the wellhead

- 100DPC outperforms single stage alternatives with an average of 5x longer life
- Reduce the risk of needing replacement and maintenance for worn valves
- Redundant pressure boundary seals and stem packing insure safe operation
- All seals are PTFE, graphite gaskets, eliminating the risk of rapid gas decompression

Factor of 3.5x to 7x alternatives

...city, dramatically reducing
 ...start-up due to seal failures and
 ...due to actual or potential
 ...equipment

Single Stage



...okes produce at least 3.5x to
 ...s a DRAG® choke

warranty period

...valves by delivering an
 ...ment trim parts and
 ...ls and dual wiper rings for the
 ...n
 ...s, or metal. Provides reduced

Proven in the widest range of installations

- Effectively manages fluctuations in sand concentration levels in wells around the world
- Over 1000 DRAG® choke valves installed since 1995
- DRAG® technology is the proven industry leader in choke durability since 1995 with over 1000 severe service chokes in operation today
- Customers around the world rely on CCI to help keep their wells producing at optimum efficiency levels
- CCI DRAG® technology has proven to work in the most extreme conditions



Single stage chokes have 1/5 the life expectancy of a 100DPC in severe service applications

100DPC Product Summary

Trim Sizes	1" to 5"
End Connection Sizes	1 1/2" to 10"
Pressure Classes	ANSI 1500, 2500; API 5000, 10000
Max CV Range	9 to 335
Application	Semi-Severe to Severe Wellhead choke
Trim	Solid Tungsten Carbide with DRAG® technology
Seals	PTFE - rapid gas decompression resistant
Materials	Low temp carbon steel, duplex, Inconel 625 inlay available
Actuator	Full range of actuation available



Contact us at: info@ccivalve.com

**For sales and service locations worldwide,
visit us online at: www.ccivalve.com**

Throughout the world, customers rely on CCI companies to solve their severe service control valve problems. CCI has provided custom solutions for these and other industry applications for more than 80 years.



We Solve Control Valve Problems®

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