

# PowerChokes®

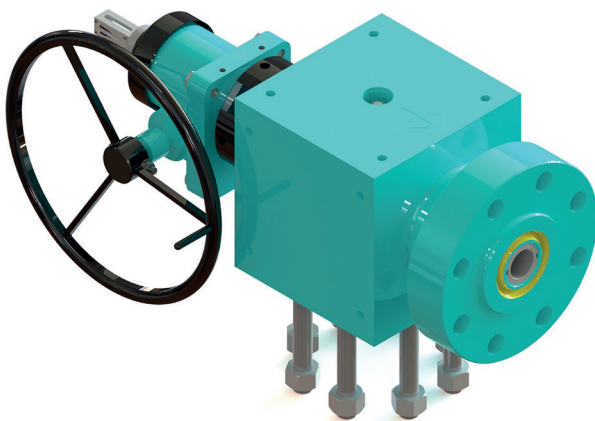
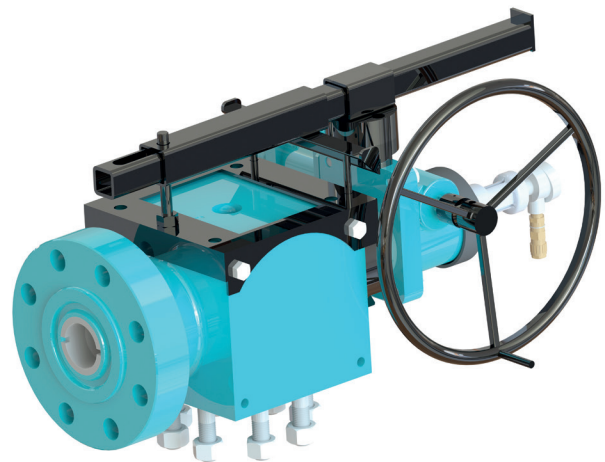
## MultiChoke

For more than 25 years, Expro PowerChokes® has been the industry standard for severe service drilling, flowback, well test, production applications, and Managed Pressure Drilling (MPD).

That standard for innovation, reliability and unsurpassed quality is embodied by our complete and fully automated performance drilling technologies that safely and effectively manage influx in the most pressure-intensive applications, from closed-loop underbalanced to pressurized mud cap drilling.

Expro's chokes come in various sizes for different applications and pressure requirements. We provide expert engineering for specific choke applications.

Model SCB	
Inlet Sizes Available	3 1/16" to 4 1/16" studded and flanged
Outlet Sizes Available	3 1/16" to 4 1/16" flanged
Trim Sizes Available	1 1/2", 2", 3", 4"
Pressure Ratings	5,000, 10,000, 15,000
API Temperature Class	-20° to 350°F (-29° to 177°C)
API Material Class	up to EE-NL
API PSL Levels	1-3, 3G
API PR levels	1-2
Actuation	Hydraulic, Manual and Electric
Trim Material	Solid Tungsten Carbide
Standard X and Y dimension	13" x 5 5/8"

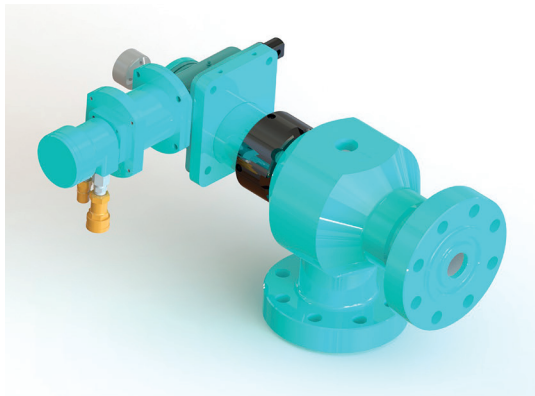
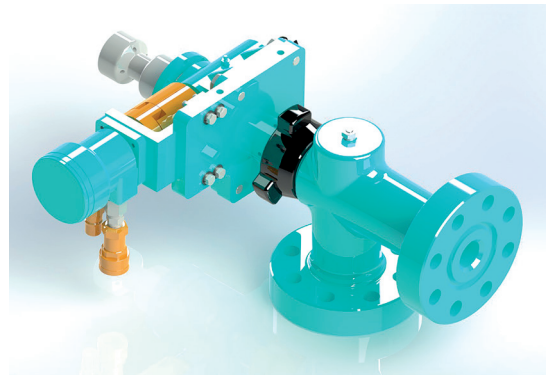


Model SCD	
Inlet Sizes Available	2 9/16" studded
Outlet Sizes Available	3 1/16" flanged
Trim Sizes Available	1 1/2", 2"
Pressure Ratings	20,000
API Temperature Class	-20° to 350°F (-29° to 177°C)
API Material Class	up to EE-NL
API PSL Levels	1-3
API PR levels	1
Actuation	Hydraulic, Electric and Manual
Trim Material	Solid Tungsten Carbide
Standard X and Y dimension	13" x 6.53"

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Model SCC	
Inlet x Outlet Sizes Available	1 <sup>13</sup> / <sub>16</sub> " , 2 <sup>1</sup> / <sub>16</sub> " , 2" fig 1502, 3 <sup>1</sup> / <sub>8</sub> "
Trim Sizes Available	1"
Pressure Ratings	5,000, 10,000 & 15,000
API Temperature Class	-20° to 350°F (-29° to 177°C)
API Material Class	EE-NL
API PSL Levels	1-3
API PR levels	1
Actuation	Hydraulic, Electric and Manual
Trim Material	Tungsten Carbide
Standard X and Y dimension	7 <sup>3</sup> / <sub>8</sub> " x 9 <sup>1</sup> / <sub>3</sub> "



Model SCF	
Inlet x Outlet Sizes Available	2 <sup>1</sup> / <sub>16</sub> " x 3 <sup>1</sup> / <sub>16</sub> " inlet: optional studded or flanged; outlet: flanged
Trim Sizes Available	1 <sup>1</sup> / <sub>2</sub> " , 2"
Pressure Ratings	5,000, 10,000
API Temperature Class	-20° to 350°F (-29° to 177°C)
API Material Class	up to EE-NL
API PSL Levels	1-3
API PR levels	1-2
Trim Material	Solid Tungsten Carbide
Actuation	Hydraulic, Electric and Manual
Standard X and Y dimension	11 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>8</sub> "

### Pressure Balanced Trim

Trim is pressure balanced to reduce operating forces, whether the choke is operated manually or automatically. Large balance ports provide protection against clogging.

### Reversible Trim

Gate and seat may be reversed in the field should wear occur in service, providing double trim life.

### Actuator

Chokes are available with the exclusive modified worm gear actuator, hydraulic, piston, electric or manual actuator. Manual override on all worm gears.

### Seat Leakage

Each choke is seat-tested prior to shipment to achieve drop tight sealing per API 16C testing requirements. This exceeds ANSI B16.104 Class V (FCI 70-2) leakage requirements, without the use of O-rings or other soft sealing elements in the gate-to-seat seal design.

Find us at [www.expropowerchokes.com](http://www.expropowerchokes.com) to see our complete line of equipment.

Additionally you can call +1.281.977.2600 or email us at [expro.powerchokes@exprogroup.com](mailto:expro.powerchokes@exprogroup.com) for queries.

### PowerChokes® Systems:

- Chokes
- Instrumentation & Controls
- Mud Pump Relief Valves
- MPD Solutions