

Product Overview



MASTER FLO 
TM

Master Flo Valve Inc.

Master Flo Valve Inc. provides surface and subsea flow management solutions for the global oil and gas industry. Our customers rely on our choke valves, control valves, actuation, and expertise to lower cost and optimize production through reliable flow for the life of their fields.

Privately-owned and proudly independent, Master Flo has the flexibility and responsiveness to adapt to the evolving needs of our customers. We are also able to partner with our customers for the long-term. This allows us to deliver custom, life-of-well solutions, from initial production through to enhancing production of mature wells and fields.

The commitment to partnering with our customers in order to continuously increase the value we provide is deeply ingrained in our company culture. Established in 1979, our goal has always been to provide the products, services and solutions that our customers need to effectively manage flow. Today, the results can be seen throughout our organization—from our Research and Development group to our Project Engineering team, and from our world-class manufacturing to our comprehensive global services.

Headquartered in Edmonton, Alberta, Canada, our engineering, research and development, and manufacturing are located in our 80,000-square-foot facility on 8 acres of land. This is complemented by manufacturing, engineering, sales and service capabilities at our U.S. facility in Houston, Texas, and our U.K. facility in Aberdeen, Scotland. Global sales, service and distribution are delivered from facilities in Abu Dhabi and Dubai, United Arab Emirates; Calgary, Canada; Jakarta, Indonesia; and Kuala Lumpur, Malaysia. We also deliver in-country service through certified representatives with specially equipped facilities in Australia, Angola, Nigeria and other countries.

Master Flo is a member of the Stream-Flo Group of Companies.



Head Office
Edmonton, Canada



SURFACE CHOKES

Production Chokes

- oil production
- gas production
- heavy oil production
- bitumen production
- water injection
- gas injection
- gas lift
- blow down
- vent valves
- steam service
- high pressure applications
- well clean-up
- test manifolds

Features

- ISO 15848-1 and ISO 15848-2 qualified fugitive emission (FE) designs
- firesafe
- PR2 up to 20,000 PSI and 450° F



production chokes



high pressure applications



injection



high temperature up to 850°



high controllability hydraulic system



erosive service



large bore chokes

CONTROL VALVES

Process Control Service

- high - ΔP applications
- cavitation solutions
- erosive service
- critical shut-off applications
- high temperature
- optional connections
- line pipe

Features

- equal percentage flow trim
- low noise
- high pressure drop
- multi-stage trim
- custom trims for application
- class V shut-off, independent from throttling



pneumatic piston
actuation



manual



high temperature



socket or threaded
connections



pneumatic
diaphragm
actuation

ACTUATION

Pneumatic solutions

- piston type (DA/SR)
- diaphragm type
- stepping type
- pneumatic actuator for emergency shutdown (ESD) systems

Hydraulic solutions

- piston type (DA/SR)
- stepping type
- surface or subsea designs

Electric solutions

- all voltages
- subsea service
- surface service
- solar-powered
- electro-hydraulic



pneumatic diaphragm actuator



linear hydraulic actuator



stepping actuator



pneumatic actuator for ESD



electro-hydraulic actuator



pneumatic piston actuator



electric actuator

SUBSEA CHOKES

Subsea choke valves

- non-retrievable bolted bonnet
- diver insert retrievable
- ROV-Operated

Actuated subsea choke valves

- non-retrievable bolted bonnet
- diver insert retrievable
- HRV insert retrievable

Features

- qualified to 18,000 feet water depth
- qualified up to 20,000 PSI
- qualified to 350°F



bolted bonnet
choke



diver insert
retrievable



HRV running
tool



P10 choke



HRV test & transport skid



HRV insert
retrievable

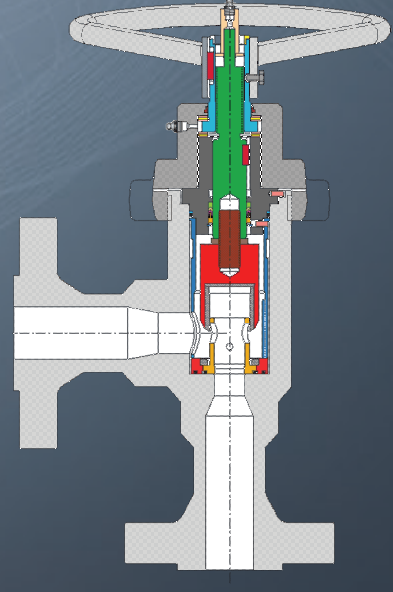


linear actuation

	Connection size available												Type of connection available							Pressure rating available																			
	1	1.5	2	2.5	3	4	5	6	8	10	12	Threaded	ANSI	API	Clamped	Hammer Union End	Compact Flange	Studded	Non-Standard	ASME 150 RF	ASME 300 RF	ASME 600 RF	ASME 600 RTJ	ASME 900 RF	ASME 900 RTJ	ASME 1500 RF	ASME 1500 RTJ	ASME 2500 RTJ	2 000 API 6B	3 000 API 6B	5 000 API 6B	10 000 API 6BX	15 000 API 6BX	20 000 API 6BX					
C1	✓											✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
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	Actuation available								API - 6A Material Class Designations								Temperature Class																						
	Rotary Stepping (Pneumatic)	Rotary Stepping (Hydraulic)	FC Hydraulic Piston	Pneumatic Piston	Pneumatic Diaphragm	Rotary Electric	Electro-Hydraulic Piston	Solar-Powered	AA - General Service	BB - General Service	CC - General Service	DD - Sour Service	EE - Sour Service	FF - Sour Service	HH - Sour Service	-50°F to 250°F (-46°C to 120°C)	-50°F to 350°F (-46°C to 117°C)	-50°F to 600°F (-46°C to 316°C)	-50°F to 800°F (-46°C to 427°C)																				
C1				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
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✓ - option available
 ✓ - consult factory



All information in this brochure is accurate at time of printing.
 Master Flo reserves the right to change any information without notice.
 Please consult factory for latest product info.



Head Office and Manufacturing Facility

4611 74 Avenue
Edmonton, Alberta, Canada T6B 2H5
Tel: 1.780.468.4433 | Fax: 1.780.469.9853

Sales and Marketing Office

700, 250 6 Avenue SW
Calgary, Alberta, Canada T2P 3H7
Tel: 1.403.237.5557 | Fax: 1.403.266.3307

Master Flo Valve Inc. (USA) Head Office

8726 Fallbrook Drive
Houston, Texas, USA 77064
Tel: 1.713.690.2789 | Fax: 1.281.517.0007

Master Flo Valve Co. (UK) Ltd.

Blackness Road, Altens Industrial Estate
Aberdeen, Scotland, United Kingdom AB12 3LH
Tel: 44(0)1224.878.999 | Fax: 44(0)1224.878.989

Presence Globally. Connected Locally.

masterflo.com | info@masterflo.com

